engineering and technology **tech** for the planet.

RCRA Facility Investigation (RFI) Phase I Report

Volume 3 (Appendices A-F)

Waste Management of Ohio, Inc.
Vickery, Ohio

U.S. EPA ID No. OHD 020 273 819

Submitted to:
United States Environmental Protection Agency Region 5
Waste Management Branch
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

Prepared for:
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October 1999

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APPENDIX A

Field Quality Control Forms

EARTH TECH
A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 4/28/99 REPORT NUMBER 28

PROJECT & LOCATION CWM-Vickery OH SWMU Group A

WEATHER Sunny / Breezy TEMPERATURE RANGE 40°-55° WIND WSW 15-25 mph

EARTH TECH PERSONNEL ON SITE JG/JH/ARF/MTC TIME ON SITE 0645-1800

SUMMARY OF SITE ACTIVITIES

Sample prep/sample collection/Decontamination/sample pack + ship
Quality control Audit conducted by Mike Christopher
he was on site from 11:30 - 4:30 today Finished Drilling Today!

LEVEL OF HEALTH & SAFETY PROTECTION Level D and modified Level D
Drillers helper in level C to unload waste

INSTRUMENTATION USED microtip mp1000 / HNU PI-101 / multirae

CALIBRATION(S) PERFORMED Isobutylene, H_2S, CO, Methane LEL

INSTRUMENT PROBLEMS/REMEDIES LEL spon gas error
Unit reads 50 ppm / okay

SAMPLES COLLECTED*
See attached C-O-C

SAMPLE COLLECTION METHOD(S)
Split spoon / Hollow stem Auger

QUALITY CONTROL SAMPLES*

geotech: S08:SL:SL01	S02:SL:SL01	S01:SL:SL01
S08:SL:SL02	S02:SL:SL02	S01:SL:SL02

ADDITIONAL REMARKS 1 yd3 waste Removed today.
Drillers Helper was in level C to unload waste into dumpster. This was a personal choice on his part. The strong winds prevented the accumulation of VOC's in Breathing zone around the waste. The waste itself had very low levels <1 ppm when monitored.

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE: [signature]

C:\11-VIC~1\FIELDF~1\QCRPT.FRM

GPL ABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

Fresh Tech

Project: CWM - Vickery RFI
Client: WMT
Send Results To: M. Neal Bedard
Address: 412 Lincoln Hwy
Fairless Hills PA 19030
Phone: (215) 269-2142

Turnaround Time	STD	STD	STD
# of Containers	3	1	1
Container Type	Encore	8oz	8oz
Preservative Used	None	None	None
Type of Analysis	VOC	5VOC Pest Herbicide, PCB	Metals Cyanide Sulfide

Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC	5VOC Pest Herbicide, PCB	Metals Cyanide Sulfide								CLIENT COMMENTS
S08:SL:SL01-03	4/28/99	0802	Soil	ARF	X	X	X								
S08:SL:SL02-03	4/28/99	0829	Soil	ARF	X	X	X								
S02:SL:SL01-06	4/28/99	0954	Soil	ARF	X	X	X								
S02:SL:SL02-03	4/28/99	1123	Soil	ARF	X	X	X								
S01:SL:SL02-05	4/28/99	1347	Soil	ARF	X	X	X								
S01:SL:SL02-08	4/28/99	1405	Soil	ARF	X	X	X								
S01:SL:SL02-09	4/28/99	1409	Soil	ARF	X	X	X								
S01:SL:SL01-03	4/28/99	1501	Soil	ARF	X	X	X								

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G.P. W.O. _____

EARTH TECH
A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 4/27/99 REPORT NUMBER 27

PROJECT & LOCATION CWM - Vickery, OH SWMU Group A

WEATHER Sunny / Breezy TEMPERATURE RANGE 45°-55° WIND 10-15 mph WSW

EARTH TECH PERSONNEL ON SITE JG/JH/ARF TIME ON SITE 0645-1800

SUMMARY OF SITE ACTIVITIES

Sample prep / sample collection / Decontamination / Sample pack
Sample ship

LEVEL OF HEALTH & SAFETY PROTECTION Level D and Modified level D
Drillers Helper in Level C to unload waste - roll off box shows 300 ppm 3' outside Box

INSTRUMENTATION USED Microtip mp1000 / multirae / HNU P1101

CALIBRATION(S) PERFORMED Isobutylene, H_2S, CO, methane

INSTRUMENT PROBLEMS/REMEDIES LEL SPAN GAS Error
instrument reads 50 ppm methane calibrates okay

SAMPLES COLLECTED* SEE Attached C-O-C

SAMPLE COLLECTION METHOD(S) Split spoon / Hollow Stem Auger

QUALITY CONTROL SAMPLES* SEE Attached C-O-C

Geotech + Geotech Dup @ (S03:SL:SL02)
Geotech @ (S01:SL:GNA6-01) (S03:SL:SL01) (S16:SL:SL01) (S16:SL:SL02)

ADDITIONAL REMARKS 1 yd³ waste disposed of Today.
Had ~~one~~ two spoons @ ~~S16~~ NLP S01:SL:GNA6 with pid readings 100-150 ppm. Wind was Heavy today so NO Readings above background in breathing zone.

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE: [signature]

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GPL LABORATORIES, LLLP

202 [illegible]ry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

FAITH TECH

Project: Owen Ulchany RFI

Client: WMI

Send Results To: Michael Bedard

Address: 412 Lincoln Hwy
Fairless Hills PA 19030

Phone: (215) 269-2142

Turnaround Time	STD	STD	STD
# of Containers	3	1	1
Container Type	Glass	8oz	8oz
Preservative Used	None	None	None
Type of Analysis	VOC	SVOC, Pesticide Herbicide, PCB	Metals Cyanide Sulfide

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC	SVOC, Pesticide Herbicide, PCB	Metals Cyanide Sulfide	Lab Cooler No.	CLIENT COMMENTS
S01:SL:GN06-01	4/27/99	0844	Soil	ARF	X	X	X		Appendix IX
S01:SL:GN05-01	4/27/99	0944	Soil	ARF	X	X	X		
S16:SL:GN03-01	4/27/99	1118	Soil	ARF	X	X	X		
S16:SL:SL01-05	4/27/99	1111	Soil	ARF	X	X	X		
S16:SL:SL02-03	4/27/99	1344	Soil	ARF	X	X	X		
S16:SL:GN06-01	4/27	1358	Soil	ARF	X	X	X		
S16:SL:GN06-02	4/27/99	1404	Soil	ARF	X	X	X		
S03:SL:SL01-02	4/27/99	1436	Soil	ARF	X	X	X		
S03:SL:SL01-03	4/27/99	1440	Soil	ARF	X	X	X		
S03:SL:SL01-04	4/27/99	1444	Soil	ARF	X	X	X		
S03:SL:SL01-03	4/2/99	1526	Soil	ARF	X	X	X		

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[signature]	4/27/99 1630				FEDEX 809 592 544085

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

EARTH TECH
A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 4/~~23~~ 26/99 REPORT NUMBER 26

PROJECT & LOCATION CWM-Vickery, OH SWMU GROUP A

WEATHER Sunny Clear TEMPERATURE RANGE 50°-75° WIND NNE 5 mph

EARTH TECH PERSONNEL ON SITE JG/JH/ARF TIME ON SITE 0645 - 1800

SUMMARY OF SITE ACTIVITIES sample prep / Decontamination
sample collection / sample pack / sample ship

LEVEL OF HEALTH & SAFETY PROTECTION Level D, modified Level D
air monitoring Required Driller Helper to be in Level C to unload waste

INSTRUMENTATION USED multirae / microtip mp-1000

CALIBRATION(S) PERFORMED @ 0730 and @ 1205
Isobutylene, H_2S, CO, Methane

INSTRUMENT PROBLEMS/REMEDIES Instrument reads span gas error for LEL
However it reads 50 ppm and appears to calibrate properly

SAMPLES COLLECTED* see attached C-O-C

SAMPLE COLLECTION METHOD(S)
Hollow Stem Auger / Split spoon

QUALITY CONTROL SAMPLES* see attached C-O-C.

ADDITIONAL REMARKS No sampling 4/23/99 Due to paint thunderstorms 3/4 yd waste disposed.
SO2:SL:GNB5 spoon @ 15'-17' feet registered 1100 ppm. Breathing zone was continuously monitored. Had some peaks at 10 ppm in breathing zone but nothing continuous more than 30 seconds. Wind Helped dissipate VOC. Helper in Level C to unload waste with sustained readings of 10-20 ppm in back of waste truck.
SO2:SL:GNB4 spoon @ 13'-15' feet Hit 339 ppm. Nothing sustained in Breathing zone.

B4
339
3-15

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE: [signature]

C:\11-VIC~1\FIELDF~1\QCRPT.FRM

GPL ABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

Earth Tech

Project: CWM-Uchtay RFI
Client: WMI
Send Results To: Michael Bedard
Address: 412 Lincoln Hwy
Fairless Hills, PA 19030
Phone: 215 269 2142

Turnaround Time	STD	STD	STD	STD	STD
# of Containers	3	1	1	2	1
Container Type	Encore	8oz	8oz	Encore	8oz
Preservative Used	None	None	None	None	None
Type of Analysis	VOC	SVOC, Pesticide, Herbicide, PCB	Metals, Cyanide, Sulfide	VOC	Metals, PN, S, SVOC, Pest, Herb, PCB

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC	SVOC, Pesticide, Herbicide, PCB	Metals, Cyanide, Sulfide	VOC	Metals, PN, S, SVOC, Pest, Herb, PCB						Lab Cooler No.	CLIENT COMMENTS
S02:SL:GNA5-01	4/26/99	0903	Soil	AMF	X	X	X									Appendix IE
S03:SL:GNA4-01	4/26/99	1145	Soil	AMF	X	X	X									
S03:SL:GNA2-01	4/26	1407	Soil	AGA	X	X	X									
S16:SL:GNA3-01	4/26	1444	Soil	AMF	X	X	X									
S16:SL:GNA3-01 MS	4/26	1444	Soil	AMF				X	X							
S16:SL:GNA3-01 MS	4/26	1444	Soil	AMF				X	X							
S16:SL:GNA4-01	4/26/99	1554	Soil	AGA	X	X	X									

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	4/23/99	[signature]	[signature]		

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.: FED EX
[signature]	4/26/99 1730				809592544084

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

EARTH TECH
A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 4/22/99 REPORT NUMBER 25

PROJECT & LOCATION CWM- Vickery Ohio SWMU Group A

WEATHER cloudy TEMPERATURE RANGE 50°-65° WIND SSE 10-15 mph

EARTH TECH PERSONNEL ON SITE JG/ARF/JH/GSK/MJ TIME ON SITE 0645 - 1800

SUMMARY OF SITE ACTIVITIES

sample prep/sample collection/sample pack + ship / Decontamination
GPR survey and Test pits

LEVEL OF HEALTH & SAFETY PROTECTION level D and modified level D

INSTRUMENTATION USED microtip MP-1000 / multirae

CALIBRATION(S) PERFORMED @ 730 and @ 1200 Isobutylene
H_2S, CO, methane LEL

INSTRUMENT PROBLEMS/REMEDIES SPAN GAS ERROR for LEL
instrument calibrated OKAY

SAMPLES COLLECTED* see attached C-O-C

SAMPLE COLLECTION METHOD(S)

Split Spoon / Hollow Stem Auger

QUALITY CONTROL SAMPLES* see attached C-O-C
(1) geotech sample S03:SL:GNB2-01 composite ~~9'~~ (7'-13')

ADDITIONAL REMARKS 1/2 yd³ waste generated today. TODAY Driller asked if he could Rewear his TYVEK (as has Repeatedly done so). Driller has been Repeatedly informed That all soil Has potential for dermal contact contamination hazard. Air monitoring is performed and driller is informed when Respiratory (breathing zone) is Compromised. Driller and Helper attend daily safety breifings where both Dermal + Respiratory hazard issues are discussed, yet he insists on Rewearing His TYVEK, Boots and Gloves. only upon (cont'd back)

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE: [signature]

C:\11-VIC-1\FIELDF-1\QCRPT.FRM

GPL LABORATORIES, LLLP

202 ry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

EARTH TECH

Project: CWM- Vickery RFI
Client: WMI
Send Results To: Michael Bedard
Address: 412 Lincoln Hwy
Fairless Hills, PA 19030
Phone: (215) 269 2142

Turnaround Time	STD	STD	STD
# of Containers	3	1	1
Container Type	Volume	902	802
Preservative Used	None	None	None
Type of Analysis	VOC	SVOC, Pesticide, Herbicide, PCB	Metals, Cyanide, Sulfide

Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC	SVOC, Pesticide, Herbicide, PCB	Metals, Cyanide, Sulfide								CLIENT COMMENTS
S16:SL:GNC6-01	4/22/99	858	Soil	AMF	X	X	X								Appendix IX
S16:SL:GNC5-01	4/22/99	949	Soil	AMF	X	X	X								
S16:SL:GNC5-02	4/22/99	1032	Soil	AMF	X	X	X								
S16:SL:GNC4-01	4/22/99	1130	Soil	AMF	X	X	X								
S16:SL:GNC3-01	4/22/99	1441	Soil	AMF	X	X	X								
S16:SL:GNC3-01-FD	4/22/99	1441	Soil	MF	X	X	X								
S03:SL:GNB2-01	4/22/99	1519	Soil	AMF	X	X	X								

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	4/2/99	[signature]	[signature]		

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[signature]	4/22/99 1630				FEDEX # 809592544100

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 4/21/99 REPORT NUMBER 24

PROJECT & LOCATION CWM- Vickery Ohio SWMU Group A

WEATHER sunny/pty cloudy TEMPERATURE RANGE 45°-60° WIND 5-10 mph NNE

*EARTH TECH PERSONNEL ON SITE JC/JH/ANF/CSK/MJ TIME ON SITE 0645-1800

SUMMARY OF SITE ACTIVITIES

Sample prep/Sample collection/Decon/sample pack + ship
GPR surveying @ various site locations

LEVEL OF HEALTH & SAFETY PROTECTION Level D and modified level D

INSTRUMENTATION USED microtip MP-1000 multiRae

CALIBRATION(S) PERFORMED 0730 and 1150
Isobutylene, CO, H_2S, Methane

INSTRUMENT PROBLEMS/REMEDIES
LEL SPAN ERROR - calibrates slowly but OKAY

SAMPLES COLLECTED*
See attached C-O-C

SAMPLE COLLECTION METHOD(S)
Split spoon/Hollow stem Auger

QUALITY CONTROL SAMPLES* See attached C-O-C

ADDITIONAL REMARKS 1/2 yd³ waste generated today.

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE: [signature]

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GPL ABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

EARTH TECH

Project:	CWM-Vickery RFI
Client:	WMI
Send Results To:	Michael Bedard
Address:	412 Lincoln Hwy
	Fairless Hills PA 19030
Phone:	215 269-2142

Turnaround Time	STD	STD	STD
# of Containers	3	1	1
Container Type	Frame	802	802
Preservative Used	None	None	None
Type of Analysis	VOC	Syoc, Pesticide, Herbicide, PCB	Metals, Cyanide, Sulfide

Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC	Syoc, Pesticide, Herbicide, PCB	Metals, Cyanide, Sulfide								CLIENT COMMENTS
S16:SL:GN06-01	4/21/99	944	Soil	JG/AAF	X	X	X								Appendix IV
S16:SL:GN06-01-SD	4/21/99	944	Soil	JG/AAF	X	X	X								
S16:SL:GN05-01	4/21/99	1022	Soil	JG/AAF	X	X	X								
S16:SL:GN01-01	4/21/99	1110	Soil	JG/AAF	X	X	X								
S16:SL:GN03-01	4/21/99	1325	Soil	JG/AAF	X	X	X								
S16:SL:GN02-01	4/21/99	1354	Soil	JG/AAF	X	X	X								
S16:SL:GN01-01	4/21/99	1448	Soil	AAF	X	X	X								

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[signature]	4/2/99 1630				FEDEX 809592544110

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 4/20/99 REPORT NUMBER 23

PROJECT & LOCATION CWM-Vickery Ohio

WEATHER Sunny / Partly Cloudy TEMPERATURE RANGE 40°-65° WIND 0-5mph varying throughout Day

EARTH TECH PERSONNEL ON SITE JG/JH/ARF/Greg Kendall Mitsubishi Josan TIME ON SITE 0645 - 1800

SUMMARY OF SITE ACTIVITIES

Sample prep/Sample Collection/Decontamination/Sample pack/Sample ship
BK and Mitsubishi Josan on site @ 1100 to start GPR work
Testing and inspection of GPR Equipment and site layout.

LEVEL OF HEALTH & SAFETY PROTECTION Level D and modified level D

INSTRUMENTATION USED Microtip MP-1000 and multirae

CALIBRATION(S) PERFORMED @ 0730 and @ 1140
Isobutylene, H_2S, CO; methane LEL

INSTRUMENT PROBLEMS/REMEDIES LEL span Gas Error - Reading too high - Rezeroed instrument and it calibrated (multirae)

SAMPLES COLLECTED*

See attached C-O-C

SAMPLE COLLECTION METHOD(S)

Split spoon / Hollow Stem Auger.

QUALITY CONTROL SAMPLES* See attached C-O-C

S16 : SL : GNC7-01 (11'-15') Geotech

ADDITIONAL REMARKS

No remarkable readings today on PID or other meters
3/4 yd³ waste generated today

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT, SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE, AND SAMPLE I.D. NUMBERS.

SIGNATURE: [signature]

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GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

FAITH TECH

Project: CWM Valley RFI
Client: WMI
Send Results To: Michael Bedard
Address: 412 Lincoln Hwy
Fairless Hills, PA 19030
Phone: 215 269 2142

Turnaround Time					STD	STD	STD	STD	STD						
# of Containers					3	1	1	2	1						
Container Type					Enrol	8oz Glass	8oz Glass	Enrol	8oz						
Preservative Used					None	None	None	None	None						
Type of Analysis					VOC	SVOC, Pest, Herbicide, PCB	Metals, Cyanide, Sulfide	VOC	Metals, CN, S, PCB, SVOC, Pest, Herb						Lab Cooler No.
Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials											CLIENT COMMENTS
309:SL:GNB7-01	4/20/99	0835	Sol	AAF	X	X	X								Appendix IX
316:SL:GNB7-01	4/20/99	0952	Sol	AAF	X	X	X								
316:SL:GNB7-01-MS	4/20/99	0952	Sol	AAF				X	X						
316:SL:GNB7-01-MD	4/20/99	0952	Sol	AAF				X	X						
316:SL:GNB7-01	4/20/99	1110	Sol	AAF	X	X	X								
316:SL:GNB7-01-FD	4/20/99	1110	Sol	AAF	X	X	X								
316:SL:GNB7-01	4/20/99	1440	Sol	AAF	X	X	X								
316:SL:GNB7-01	4/20/99	1522	Sol	AAF	X	X	X								

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	4/13/99	[signature]	[signature]		

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[signature]	4/20/99	1630			FED EX 809 5925 4412 1

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G.P. W.O. _____

EARTH TECH
A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 4/~~16~~ 19/99 REPORT NUMBER 22

PROJECT & LOCATION CWM - Vickery SWMU GRP C

WEATHER Partly Cloudy TEMPERATURE RANGE 45°-65° WIND 5-10 mpH (changing direction)

EARTH TECH PERSONNEL ON SITE JG/JH/ARF TIME ON SITE

SUMMARY OF SITE ACTIVITIES

sample prep / sample collection / Decontamination / sample pack
sample shipping

LEVEL OF HEALTH & SAFETY PROTECTION Modified Level D + Level D

INSTRUMENTATION USED microtip mp1000 / multirae

CALIBRATION(S) PERFORMED @ 7:30 and @ 11:55
Isobutylene, H_2S, CO, Methane (LEL)

INSTRUMENT PROBLEMS/REMEDIES
On second calibration of Day multirae took 3 Trys to calibrate LEL

SAMPLES COLLECTED*
See attached C-O-C.

SAMPLE COLLECTION METHOD(S)
Hollow Stem Auger / Split spoon

QUALITY CONTROL SAMPLES* None collected today

ADDITIONAL REMARKS No Drilling 4/16/99 due to rains. Appx. 1 cubic yard of waste. Some very low levels of VOC detected in one hole. Nothing in breathing zone or in waste load.

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE, AND SAMPLE I.D. NUMBERS.

SIGNATURE: [signature]

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GP. LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

EARTH TECH

Project: CWM- Vickery RFI
Client: WMI
Send Results To: Michael Bedard
Address: 412 Lincoln Hwy
Fairless Hills PA 19030
Phone: (215) 269-2142

Turnaround Time	STD	STD	STD
# of Containers	3	1	1
Container Type	Enzone	8oz ~~[illegible]~~	8oz glass
Preservative Used	None	None	None
Type of Analysis	Voc	SVOC, Pesticide, Herbicide, PCB	metals, Cyanide, Sulfide

Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Voc	SVOC, Pesticide, Herbicide, PCB	metals, Cyanide, Sulfide								CLIENT COMMENTS
S09:SL:GNB3-01	4/19/99	0900	Soil	ARF/JG	✓	✓	✓								Appendix IX
S09:SL:GNA3-01	4/19/99	1000	Soil	ARF/JG	✓	✓	✓								
S09:SL:GNC3-01	4/19/99	1052	Soil	ARF/JG	✓	✓	✓								
S09:SL:GND2-01	4/19/99	1404	Soil	ARF/JG	✓	✓	✓								
S09:SL:GNE7-01	4/19/99	1449	Soil	ARF/JG	✓	✓	✓								
S09:SL:GNB2-01	4/19/99	1601	Soil	ARF/JG	✓	✓	✓								
~~S09:SL:GN~~ (SS)															

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[signature]	1630 4/19/99				FedEx 8095925 4132

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G.P. W.O. _____

EARTH TECH
A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 4/14/99 REPORT NUMBER 20

PROJECT & LOCATION CWM-Vickery

WEATHER Clear to partly Cloudy TEMPERATURE RANGE 40° 70° WIND 5-10 mph NNE

EARTH TECH PERSONNEL ON SITE JC/JH/ARF TIME ON SITE 0645 -

SUMMARY OF SITE ACTIVITIES

Sample preparation / Sample Collection

LEVEL OF HEALTH & SAFETY PROTECTION Level D and modified Level D
level C For drillers helper unloading waste

INSTRUMENTATION USED Microtip MP-1000, HNU PL101, multirae

CALIBRATION(S) PERFORMED @ 0720 and @ 1300
Isobutylene, H_2S, CO, CH_4

INSTRUMENT PROBLEMS/REMEDIES

SAMPLES COLLECTED* see attached C-O-C

SAMPLE COLLECTION METHOD(S)

Split Spoon / Hollow Stem Auger

QUALITY CONTROL SAMPLES* See attached C-O-C
2 geo tech samples S09:SL:GNF2-01 (composite 9'-13')
S19:SL:GNF1-01 (composite 9'-13')

ADDITIONAL REMARKS 3/4 yd^3 waste generated. AT S09:SL:GNE2-01 encountered waste with Readings in breathing zone sustained @ 7-10 ppm. Drillers helper wore respirator while unloading into Roll-off container. All other personnel were up wind of waste during Collection and off loading - No exposure for them.

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE: [signature]

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GPL ABORATORIES, LLLP

202 ...rry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

EARTH TECH

Project: CWM - Lickery RFI
Client: WMI
Send Results To: Michael Bichard
Address: 412 Lancaster Hwy
Paoli PA 19030
Phone: (215) 269-2142

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC's	SVOC's (Metals, PCB, Metals, Cyan, Sulfide)	VOC's								Lab Cooler No. / CLIENT COMMENTS
Turnaround Time					STD	STD	STD	STD	STD						
# of Containers					3	1	1	2	1						
Container Type					Encore	8oz	8oz	Encore	8oz						
Preservative Used					None	None	None	None	None						
SB6:SL:GAW1-05	4/14/99	833	Soil	ARF/JS	✓	✓	✓								
SB8:SL:GNF1-01	4/14/99	1055	Soil	ARF/JS	✓	✓	✓								
SB9:SL:GNF1-01-FD	4/14/99	1055	Soil	ARF/JS	✓	✓	✓								
SB9:SL:GNE2-01	4/14/99	1430	Soil	ARF/JS	✓	✓	✓	✓							
SB9:SL:GNE2-01-MS	4/14/99	1430	Soil	ARF/JS				✓	✓						
SB9:SL:GNE2-01-MSD	4/14/99	1430	Soil	ARF/JS				✓	✓						
SB9:SL:GNF2-01	4/14/99	1623	Soil	ARF/JS	✓	✓	✓								
SB9:SL:GNF2-01-FD	4/14/99	1623	Soil	ARF/JS	✓	✓	✓								

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[signature]	4/15/99				FED EX 809592537347

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G.P. W.O. _____

EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 4/15/99 REPORT NUMBER 21

PROJECT & LOCATION Cwm-Vickery Ohio (Swmu group C)

WEATHER Partly Cloudy/Humid TEMPERATURE RANGE 45°-55° WIND changing W to NW

EARTH TECH PERSONNEL ON SITE JG/JH/MF TIME ON SITE

SUMMARY OF SITE ACTIVITIES

Sample prep / sample Collection / Decontamination
Sample pack / and ship

LEVEL OF HEALTH & SAFETY PROTECTION Level D + modified level D

INSTRUMENTATION USED microtip MP1000, multirae

CALIBRATION(S) PERFORMED @ 0715 Isobutylene, CO, CH_4, H_2S

INSTRUMENT PROBLEMS/REMEDIES N/A

SAMPLES COLLECTED*

See attached C-O-C

SAMPLE COLLECTION METHOD(S)

Hollow Stem Auger / split spoon

QUALITY CONTROL SAMPLES* see attached C-O-C
(1) geotech @ 509:SL:GNFS-01 composite (9'-13')

ADDITIONAL REMARKS 3/4 yd^3 waste removed today. Although we had several spoons registered voc readings over 100ppm. The wind prevented any exposure in the breathing zone areas for anyone. The waste registered only 1-3ppm and was not sustained for more than 30 seconds due to high winds. No exposures (respirator)

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE:

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GPL LABORATORIES, LLLP

20[illegible] Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

EARTH TECH

Project: CWM - Uckerey RFI
Client: WMI
Send Results To: Michael Bedond
Address: 412 Lincoln Hwy
Fairless Hills PA 19030
Phone: (215) 269-2142

Turnaround Time	STD	STD	STD
# of Containers	3	1	1
Container Type	Encore	802 Glass	802 Glass
Preservative Used	None	None	None
Type of Analysis	VOC's	SVOC's, Pesticides, Herbicides, PCB	Metals, Cyanide, Sulfide

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC's	SVOC's, Pesticides, Herbicides, PCB	Metals, Cyanide, Sulfide								Lab Cooler No.	CLIENT COMMENTS
S09:SL:GNF1-01	4/15/99	0754	Soil	ARF/JG	✓	✓	✓									Appendix IX
S09:SL:GNF3-01	4/15/99	0932	Soil	ARF/JG	✓	✓	✓									
S09:SL:GNF3-01-10	4/15/99	0932	Soil	ARF/JG	✓	✓	✓									
S09:SL:GNE3-01	4/15/99	1015	Soil	ARF/JG	✓	✓	✓									
S09:SL:GND3-01	4/15/99	1128	Soil	ARF/JG	✓	✓	✓									

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[signature]	4/15/99	1700			FedEx 809592544143

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G.P. W.O. _____

EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 4/13/99 REPORT NUMBER 19

PROJECT & LOCATION CWM - Vickery SWMU Group C

WEATHER clear/sunny TEMPERATURE RANGE 32°-60° WIND 5-10 mph SE (Light)

EARTH TECH PERSONNEL ON SITE JG/JH/AMF TIME ON SITE 0645 - 1800

SUMMARY OF SITE ACTIVITIES

Sample Prep / Sample collection (SWMU 6 + 9 + 19)
Decontamination / Sample pack and ship

LEVEL OF HEALTH & SAFETY PROTECTION level D + modified level D

INSTRUMENTATION USED HNU PI 101, Microtip MP1000, Multi Rae

CALIBRATION(S) PERFORMED @ 0715 and @ 1230
Isobutylene, H_2S, CO, Methane, O_2

INSTRUMENT PROBLEMS/REMEDIES

None

SAMPLES COLLECTED* See attached C-O-C

SAMPLE COLLECTION METHOD(S)

Hollow Stem Auger / Split Spoon

QUALITY CONTROL SAMPLES* none today

ADDITIONAL REMARKS

3/4 yd^3 disposed waste today

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE: [illegible]

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GPL LABORATORIES, LLLP

20[illegible] Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

EARTH TECH

Project: OWM Uchiki RFI
Client: WMI
Send Results To: Michael Bertand
Address: 412 Lincoln Hwy
Fairless Hills PA 19030
Phone: (215) 269-2142

Turnaround Time	STD	STD	STD
# of Containers	3	1	1
Container Type	Encore	1oz	8oz
Preservative Used	None	None	None
Type of Analysis	VOCs	Succ. Acid Hab. Metals	Metals Wet Chem

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOCs	Succ. Acid Hab. Metals	Metals Wet Chem								Lab Cooler No.	CLIENT COMMENTS
S19:SL:SL01-03	4/12/99	0827	Soil	MFJG	✓	✓	✓									Appendix IX
S06:SL:SL02-06	4/13/99	1030	Soil	MFJG	X	X	X									
~~S01:SL:SL01-02~~	~~4/12~~		~~Soil~~	~~MFJG~~	~~X~~	~~X~~	~~X~~									
S06:SL:GWM-01	4/13/99	1307	Soil	MFJG	X	X	X									
S06:SL:GWM-01	4/13/99	1419	Soil	MFJG	X	X	X									

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	4/13/99	[signature]	[signature]		

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[signature]	4/13/99 1600				FedEx 809592537325

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 4/~~9~~ 12/99 (ARE) REPORT NUMBER 18

PROJECT & LOCATION CWM - Vickery

WEATHER cloudy TEMPERATURE RANGE 35°- WIND 5-10 mph BSE

EARTH TECH PERSONNEL ON SITE JG/JH/MF TIME ON SITE 0645 - 1800

SUMMARY OF SITE ACTIVITIES

sample prep / Sample collection (Select (SMU 6+9))
Sample packing and shipment

LEVEL OF HEALTH & SAFETY PROTECTION level D and modified level D
Drillers Helper in level C to unload contaminated soil

INSTRUMENTATION USED microtip MP1000 - Multirae - HNU

CALIBRATION(S) PERFORMED @ 0745 and @ 1345
Isobutylene, H_2S, CO, methane

INSTRUMENT PROBLEMS/REMEDIES No problems

SAMPLES COLLECTED*

See attached C-O-C

SAMPLE COLLECTION METHOD(S)

split spoon / Hollow stem Auger

QUALITY CONTROL SAMPLES* None collected today

ADDITIONAL REMARKS No sampling 4/9/99 Due to rain + High winds + Lightning
only small peaks ≤ 8Kg in breathing zone behind Rig while collecting samples. Sustained readings of 5 ppm on both Microtip + multirae down wind of waste pile. Require Respirator while unloading waste. All other personnel were well upwind and not effected.

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE: [signature]

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GPL ABORATORIES, LLLP

20. erry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

FAMIN TECH

Project: CWM RFI Uckiah, OH
Client: WMI
Send Results To: Michael Bakard
Address: 418 Lincoln Highway
Fairless Hills, PA 19030
Phone: 215 269 2142

Tumaround Time	STD	STD	5 D
# of Containers	3	1	1
Container Type	Glass	8oz	8oz
Preservative Used	None	None	None
Type of Analysis	VOCs	SVOCs, Metals, Hexavalent Cr, Metals	Metals Cyanide Sulfide

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOCs	SVOCs, Metals, Hexavalent Cr, Metals	Metals Cyanide Sulfide								CLIENT COMMENTS
SO6:SL:SL01-[illegible]	4/12/99	0902	Soil	AF/JG	✓	✓	✓								Appendix IX
SO7:SL:SL01-05	4/12/99	1100	Soil	AF/JG	✓	✓	✓								
SO8:SL:SL02-[illegible]	4/12/99	1512	Soil	AF/JG	✓	✓	✓								
SO9:SL:SL02-[illegible]	4/12/99	1522	Soil	AF/JG	✓	✓	✓								
SO10:SL:SL02-[illegible]	4/12/99	1557	Soil	AF/JG	✓	✓	✓								

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
	4/12/99				

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.
	4/12/99 1630				FedEx 809592[illegible]4154

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:
	4/12/99 1630			

G.P. W.O. _____

EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 4/8/99 REPORT NUMBER 17

PROJECT & LOCATION CWM - Vickery SWMU #6 in Group C

WEATHER SUNNY TEMPERATURE RANGE 55° - 70° WIND 5-10 mph

EARTH TECH PERSONNEL ON SITE JG/JH/ARF TIME ON SITE 0645 - 1800

SUMMARY OF SITE ACTIVITIES Hazcom morning H+S briefing
Prep for sampling / Sample (Grid wide) / Decontamination of Rig + Personnel / Pack samples for shipment

LEVEL OF HEALTH & SAFETY PROTECTION modified level D and level D

INSTRUMENTATION USED Isobutylene, H_2S, CO, methane
microtipMP1000 and multirae

CALIBRATION(S) PERFORMED Isobutylene H_2S, CO, methane
@ 755 and @ 1145

INSTRUMENT PROBLEMS/REMEDIES None

SAMPLES COLLECTED*
See attached C-O-C

SAMPLE COLLECTION METHOD(S)
Split spoon / Hollow Stem Auger

QUALITY CONTROL SAMPLES*
None today

ADDITIONAL REMARKS our target sampling area was being severely effected by obviously contaminated groundwater from above. The drillers were unable to control the water from seeping in from above and contaminating what appeared to be clear native soil below. Stopped for day to assess the situation

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE: [signature]

C:\11-VIC-1\FIELDF-1\QCRPT.FRM

GPI LABORATORIES, LLLP

2[illegible]rry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of Pgs.

EARTH TECH

Project:	CWM-Vickery RFI
Client:	WMI
Send Results To:	Micheal Bedard
Address:	412 Lincoln Hwy
	(215) 269-2142
Phone:	Fairless Hills PA, 19030

Turnaround Time	STND	STND	STND
# of Containers	3	1	1
Container Type	Enture	8 oz. glass	8 oz. glass
Preservative Used	N/A	N/A	N/A
Type of Analysis	VOC's	SVOC's PCB PESTICIDES HERBICIDES	METALS CYANIDE SULFIDES

Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC's	SVOC's PCB PESTICIDES HERBICIDES	METALS CYANIDE SULFIDES								CLIENT COMMENTS
SOG:SL:GNCL-01	4/8/99	924	Soil	SG/AAF	X	X	X								
~~SOG:SL:GNCL-02~~	~~4/8/99~~	~~1110~~	~~Soil~~	~~SG/AAF~~	~~X~~	~~X~~	~~X~~								
~~SOG:SL:GWM-0~~	~~4/8/99~~	~~1354~~	~~Soil~~	~~AAF/SG~~	~~X~~	~~X~~	~~X~~								

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
—	4/2/99	[signature]			

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[signature]	1600 4/8/99				FED EX 809592544176

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 4/7/99 REPORT NUMBER 16

PROJECT & LOCATION CWM - Vicksburg

WEATHER Clear TEMPERATURE RANGE 45°- 70° WIND

EARTH TECH PERSONNEL ON SITE JG/JH/AKF TIME ON SITE 0630

SUMMARY OF SITE ACTIVITIES

Sample prep/ Sample collection

LEVEL OF HEALTH & SAFETY PROTECTION Level D

INSTRUMENTATION USED Micro Tip MP-1000, Multipac, HNU

CALIBRATION(S) PERFORMED Isobutylene, H_2S, CO, methane @ 0715

INSTRUMENT PROBLEMS/REMEDIES moisture effects the microtip use the HNU for wet samples

SAMPLES COLLECTED*

SEE ATTACHED C-O-C

SAMPLE COLLECTION METHOD(S)

Split spoon / Hollow stem Auger

QUALITY CONTROL SAMPLES*

ADDITIONAL REMARKS

3/4 yd^3 of waste today

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT, SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE: [illegible]

C:\11-VIC-1\FIELDF-1\QCRPT.FRM

GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 2 Pgs.

EARTH TECH

Project: CWM-Vickery Ohio
Client: WM
Send Results To: Michael Bedard
Address: 412 Lincoln Hwy
Fairless Hills PA 19030
Phone: (215) 269-2142

Turnaround Time					STD	STD										
# of Containers					1	1										
Container Type					4oz	4oz										
Preservative Used					None	None										
Type of Analysis					Metals	Metals										
Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials												CLIENT COMMENTS
BGS:SL:BG03-01	3/23/99	1005	Soil	ARF	X											Appendix IX
BGS:SL:BG03-01-FD	3/23/99	1005	Soil	ARF	X											
~~BGS:SL:BG02-03~~	~~3/23/99~~	~~0940~~	~~Soil~~	~~ARF~~	~~X~~											
BGS:SL:BG01-01	3/23/99	0845	Soil	ARF	X											
BGS:SL:BG01-02	3/23/99	0902	Soil	ARF	X											
~~BGS:SL:BG02-01~~	~~3/23/99~~	~~0925~~	~~Soil~~	~~ARF~~	~~X~~											
BGS:SL:BG-03-02	3/23/99	1035	Soil	ARF	X											
BGS:SL:BG03-02-MS	3/23/99	1035	Soil	ARF	~~X~~ ARF	X										
BGS:SL:BG03-02 MD	3/23/99	1035	Soil	ARF		X										
BGS:SL:BG05-01	3/23/99	1235	Soil	JG	X											
BGS:SL:BG05-02	3/23/99	1250	Soil	JG	X											
~~BGS:SL:BG04-01~~	~~3/23/99~~	~~1110~~	~~Soil~~	~~ARF~~	~~X~~											

Lab Cooler No.

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
	3/18/99	[signature]			
Relinquished By: [signature]	Date/Time 4/19/99 1635	Received By:	Date/Time	Shipper:	Airbill No.:
Relinquished By:	Date/Time	Received By:	Lab Comments:		Temp:

G.P. W.O. _____

GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

2 of 2 Pgs.

Project: Cam Jackey RFI
Client: WMJ
Send Results To: Michael Bedard
Address: 412 Lincoln Hwy
Fairless Hills PA 19030
Phone: (215) 269-2142

Turnaround Time: Std
# of Containers: 1
Container Type: 8 oz
Preservative Used: None
Type of Analysis: MW/GS

Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	MW/GS										CLIENT COMMENTS
~~BGS:SL:BG~~	1														
BGS:SL:BG06-01	4/7/99	1593	Soil	AFF	X										
BGS:SL:BG06-02	4/7/99	1530	Soil	AAF	X										
BGS:SL:BG07-01	4/7/99	1545	Soil	AA	X										
BGS:SL:BG07-02	4/7/99	1553	Soil	AA	X										

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
	3/18/99	[signature]			

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[signature]	4/7/99 1635				

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPL LABORATORIES, LLLP

20[illegible] erry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

EARTH TECH

Project: Quinn-Ukrany RFI
Client: WMI
Send Results To: Michael Bodard
Address: 418 Lincoln Hwy
Fairless Hills PA 19030
Phone: 215 269-2142

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC's	SVOC's, PCB Pest. Herb. Metals	Metals, Cyanide Sulfide	SVOC's, Chloride	Metals	VOC's	SVOC's, PCB's Pest. Herb. Metals					Lab Cooler No. / CLIENT COMMENTS
Turnaround Time					STD	STD	STD	STD	STD							
# of Containers					3	1	1	1	1	2	1					
Container Type					Tedlar	8oz	8oz	8oz	8oz	8oz	8oz					
Preservative Used					None	None	None	None	None	None	None					
5[illegible]3:SL:SL03-02	4/2/99	0900	Soil	JG/MAF	X	X	X									Approximate TX
5[illegible]3:SL:SL04-02	4/2/99	0832	Soil	JG/MAF	X	X	X									
5[illegible]4:SL:SL01-02	4/1/99	0935	Soil	JG/MAF	X			X	X							
5[illegible]5:SL:SL01-03	4/1/99	0949	Soil	JG/MAF	X			X	X							
5[illegible]4:SL:SL01-04	4/1/99	0956	Soil	JG/MAF	X			X	X							
5[illegible]3:SL:SL01-04	4/1/99	1033	Soil	JG/MAF	X			X	X							
5[illegible]8:SL:SL01-05	4/1/99	1043	Soil	JG/MAF	X			X	X							
5[illegible]3:SL:SL02-01	4/1/99	1118	Soil	JG/MAF	X			X	X							
580:SL:SL01-02	4/2/99	1401	Soil	MAF	X	X	X									

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
—	4/2/99	[signature]	[signature]		

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[signature]	4/2/99 1600				

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 4/6/99 REPORT NUMBER 15

PROJECT & LOCATION Com-Vickery

WEATHER Raining/overcast/Am TEMPERATURE RANGE 50°- 70° WIND 20-30 mph gusting to 50 mph

EARTH TECH PERSONNEL ON SITE JG/MF/JH TIME ON SITE 0645

SUMMARY OF SITE ACTIVITIES

morning rain (office paperwork)

LEVEL OF HEALTH & SAFETY PROTECTION

INSTRUMENTATION USED

CALIBRATION(S) PERFORMED

INSTRUMENT PROBLEMS/REMEDIES

SAMPLES COLLECTED*

SAMPLE COLLECTION METHOD(S)

No Samples Today

QUALITY CONTROL SAMPLES*

ADDITIONAL REMARKS

High winds combined with morning rain provided unsafe working conditions in scheduled Drilling Areas.

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE:

EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 4/5/99 REPORT NUMBER 14

PROJECT & LOCATION CWM - Vickery Ohio, Site wide

WEATHER Cloudy TEMPERATURE RANGE 35°-50° WIND moderate 10-15 mph

EARTH TECH PERSONNEL ON SITE JG/JH/AMF TIME ON SITE

SUMMARY OF SITE ACTIVITIES

Drillers arrive @ 1030 - sample prep and packaging
sampling at Select Locations around site operations Areas.

LEVEL OF HEALTH & SAFETY PROTECTION Level D

INSTRUMENTATION USED microTIP, HNU, multiRAE

CALIBRATION(S) PERFORMED Isobutylene, H_2S, CO, O_2, LEL

INSTRUMENT PROBLEMS/REMEDIES

DID microtip effected by moisture in Headspace sampling

SAMPLES COLLECTED*

See attached C-O-C

SAMPLE COLLECTION METHOD(S)

Split spoon / Auger Hollow Stem

QUALITY CONTROL SAMPLES* see attached C-O-C

(1) geotech Sample 542:SC:5001-02-GT

ADDITIONAL REMARKS

1/2 yd^3 of cuttings disposed of today
HNU used for Headspace sampling
PIDs were effected by Microwave

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE:

C:\11-VIC~1\FIELDF~1\QCRPT.FRM

GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of Pgs.

EARTH TECH

Project: CWM-Uniontown RFI
Client: WMF
Send Results To: Michael Bedard
Address: 412 Lincoln Hwy
Fairless Hills PA 19030
Phone: (215) 269-2142

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOCs	SVOCs	Metals	SVOCs, PCB	Metals, SVOCs, PCB	Sulfide, Nitrate, Sulfate, Chloride, Fluoride	Acetone, Methanol, Sulfate	Metals (Al)	SVOCs (Naphthalene)			Lab Cooler No. / CLIENT COMMENTS
Turnaround Time								STD	STD	STD	STD	STD	STD	STD		
# of Containers					3	2	1	1	1	1	1	1	1			
Container Type					Encores	Encores	8oz glass	8oz glass	8oz glass	8oz glass	8oz glass	8oz glass	8oz glass			
Preservative Used					None	None										
542: SL:SL01-01	4/5/99	1112	Soil	MF/JG	X		X	X								Appendix IX
542: SL:SL01-02	4/5/99	1130	Soil	MF/JG	X		X	X								
546: SL:SL01-01-MS	4/5/99	1112	Soil	MF/JG		X			X							
547: SL:SL01-01-MD	4/5/99	1112	Soil	MF/JG		X			X							
[illegible]: SL:SL01-02-FD	4/5/99	1130	Soil	MF/JG	X		X	X								
523: SL:SL01-02	4/5/99	1410	Soil	JG	X		M[illegible]	M[illegible]		X	X					
523: SL:SL02-02	4/5/99	1450	Soil	JG	X		M[illegible]	M[illegible]		X	X					
545: SL:SL01-04	4/5/99	1205	Soil	MF/JG	X		X					X				

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
—	4/5/99	Andrea Fiori			

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
Andrea Fiori	4/5/99 1400	J. P. [illegible]	4/5/99 1400		FedEx # 809592544202

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

.P. W.O. _____

EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER _____ DATE 4/1/99 REPORT NUMBER 13

PROJECT & LOCATION Cuyahoga Valley - Site wide

WEATHER Overcast TEMPERATURE RANGE 45°-60° WIND moderate 5-10 mph

EARTH TECH PERSONNEL ON SITE JG/JH/AMF TIME ON SITE 0630 - 1830

SUMMARY OF SITE ACTIVITIES

Rain in AM off to a 2 hour delay for Drilling. Started Drilling @ 900 AM. Finished site wide surface samples at 1230. Sample prep/collection and packaging for delivery to Cleveland Fed Ex.

LEVEL OF HEALTH & SAFETY PROTECTION level D

INSTRUMENTATION USED Photo Tip MP-1000 multi RAE

CALIBRATION(S) PERFORMED Isobutylene, LEL, O_2, CO, H_2S

INSTRUMENT PROBLEMS/REMEDIES

None

SAMPLES COLLECTED*

See Attached C-O-C

SAMPLE COLLECTION METHOD(S)

Hydraulic hammer split spoon

QUALITY CONTROL SAMPLES* See attached C-O-C

(2) Geotech Samples ACF:SL:SF02-01-GT / ACA:SL:SF14-01-GT

ADDITIONAL REMARKS

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE: [signature]

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GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

Project:

Client:

Send Results To:

Address:

Phone:

Turnaround Time	Std	Std	Std	Std	Std
# of Containers	1	2	2	2	2
Container Type	Cover	Glass	Glass	Cover	Glass
Preservative Used	N/A	N/A	N/A	N/A	N/A
Type of Analysis					

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials											Lab Cooler No. / CLIENT COMMENTS

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.: FEDEX 809592538001
Relinquished By:	Date/Time	Received By:	Lab Comments:		Temp:

G.P. W.O. _____

GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 2 Pgs.

EARTH TECH

Project: WM. Vickery - OH
Client: WM. Vickery - OH
Send Results To: Mike Bedard
Address: 412 Lincoln Hwy
Fairless Hill, PA 19030
Phone: (215) 269-2142

Turnaround Time		STND	STND	STND	STND	STND									
# of Containers		3	2	2	2	2									
Container Type		Encore	4oz glass	4oz glass	Encore	4oz glass									
Preservative Used		NA	NA	NA	NA	NA									
Type of Analysis		VOC's	Sulfide, Hydrocarbons, Metals, Cd	Metals, Cd and Sulfide	VOC's	Sulfide, Hydrocarbons, Metals, Sulfide									
Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials											Lab Cooler No. / CLIENT COMMENTS
ACH:SL:SF05-01	4/1/99	0930	Soil	JG	✓	✓	✓								
ACH:SL:SF14-01	4/1/99	0945	Soil	JG	✓	✓	✓								
~~ACH:SL:SF[illegible]~~	~~4/1/99~~	~~1000~~	~~Soil~~	~~JG~~	~~✓~~	~~✓~~	~~✓~~								
ACH:SL:SF[illegible]-01-FD	4/1/99	1000	Soil	JG	✓	✓	✓								
ACH:SL:SF[illegible]	4/1/99	1025	Soil	JG	✓	✓	✓								
ACH:SL:SF[illegible]-01	4/1/99	1015	Soil	JG	✓	✓	✓								
ACF:SL:SF01-01	4/1/99	1035	Soil	JG	✓	✓	✓								
~~ACF:SL:SF[illegible]~~	~~4/1/99~~	~~1035~~	~~Soil~~	~~JG~~	~~✓~~	~~✓~~	~~✓~~								
~~ACF:SL:SF[illegible]-01~~	~~4/1/99~~	~~1048~~	~~Soil~~	~~JG~~	~~✓~~	~~✓~~	~~✓~~								
ACF:SL:SF18-01	4/1/99	1057	Soil	JG	✓	✓	✓								
~~ACF:SL:SF[illegible]~~	~~4/1/99~~	~~1110~~	~~Soil~~	~~JG~~	~~✓~~	~~✓~~	~~✓~~								
ACF:SL:SF02-01-MS	4/1/99	1110	Soil	JG				✓	✓						

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
—	3/26/99	[signature]			

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[signature]	4/1/99 1100				

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPI ABORATORIES, LLLP

20. erry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

2 of 2 Pgs.

Project: WM-Vickery
Client: WM-Vickery
Send Results To:
Address:
Phone:

Turnaround Time	STAD	STAD	STAD
# of Containers	3	2	2
Container Type	[illegible]	[illegible]	[illegible]
Preservative Used	N/A	N/A	N/A
Type of Analysis	VOC	[illegible]	[illegible]

Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC	[illegible]	[illegible]								CLIENT COMMENTS
S47-SL: SF01-02	4/1/99	1145	Soil	JG	✓	✓	✓								
S47-SL: SF01-01	4/1/99	1130	Soil	JG	✓	✓	✓								

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
[signature]	3/26/99	[signature]			

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[signature]	4/1/99 1300				

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 3/31/99 REPORT NUMBER 12

PROJECT & LOCATION Cwm-Vickery

WEATHER Sunny/Breezy TEMPERATURE RANGE 45°-70°F WIND 10-20 mph steady

EARTH TECH PERSONNEL ON SITE JG/MF/JH TIME ON SITE 0630 -

SUMMARY OF SITE ACTIVITIES

Sample collection/Sample prep of surface samples in the active operations Areas

LEVEL OF HEALTH & SAFETY PROTECTION Level D

INSTRUMENTATION USED Microtip MP1000, multirae

CALIBRATION(S) PERFORMED Isobutylene, H_2S, CO, O_2, LEL @ 700 and @ 12:30

INSTRUMENT PROBLEMS/REMEDIES None

SAMPLES COLLECTED*

See Attached C-O-C

SAMPLE COLLECTION METHOD(S)

Split spoon

GRAB ~~+ Composite~~ MF

QUALITY CONTROL SAMPLES* See attached C-O-C

(8) geotech samples · ACA:SL:SF09-01-GT/541:SL:SF03-01-GT/ACB:SL:SF02-01-GT

(2) Geotech Duplicates ACB:SL:SF02-01-GD/ACH:SL:SF02-01-GT/ACH:SL:SF03-01-GT ACH:SL:SF03-01-GD/551:SL:SF01-01-GT/527:SL:SF03-01-GT/529:SL:SF04-01-GT

ADDITIONAL REMARKS

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE, AND SAMPLE I.D. NUMBERS.

SIGNATURE: [signature]

C:\11-VIC~1\FIELDF~1\QCRPT.FRM

GP LABORATORIES, LLLP

20 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

EARTH TECH

Project: WM - Vickery
Client: WMI
Send Results To: Mike Bedard
Address: 412 Lincoln Hwy
Fairless Hills, PA 19030
Phone: 215 269 - 2142

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC's	SVOC's	Acetone & Methylene Chloride	VOC's	SVOC's							Lab Cooler No. / CLIENT COMMENTS
Turnaround Time					Std	Std	Std	Std	Std							
# of Containers					3	2	2	2	2							
Container Type					Plastic	4oz glass	4oz glass	Plastic	4oz glass							
Preservative Used					NA	NA	NA	NA	NA							
S30:SL:SF01-01	3/31/99	1528	Soil	JG	✓	✓	✓									
S30:SL:SF02-01	3/31/99	1544	Soil	JG	✓	✓	✓									
S30:SL:SF02-01-MD	3/31/99	1544	Soil	JG	✓	✓	✓									
S30:SL:SF03-01	3/31/99	1554	Soil	JG	✓	✓	✓									
S30:SL:SF03-01-MD	3/31/99	1554	Soil	JG				✓	✓							
S30:SL:SF03-01-MS	3/31/99	1554	Soil	JG				✓	✓							
S29:SL:SF01-01	3/31/99	1610	Soil	JG	✓	✓	✓									
S29:SL:SF02-01	3/31/99	1621	Soil	JG	✓	✓	✓									
S29:SL:SF03-01	3/31/99	1632	Soil	JG	✓	✓	✓									
S29:SL:SF04-01	3/31/99	1656	Soil	JG	✓	✓	✓									
S30:SL:SF01-01	3/31/99	1645	Soil	JG	✓	✓	✓									

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	3/26/99	[signature]	[signature] 4/1/99		
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Relinquished By: [signature]	Date/Time 3/31/99 1700	Received By: [signature]	Lab Comments:		Temp:

G.P. W.O. _____

GP LABORATORIES, LLLP

2. Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

Project: Earth Tech - RFI - WMO
Client: Earth Tech
Send Results To: Mike Broard
Address: 412 Lincoln Hwy.
Fairless Hills, PA 19030
Phone: (215) 269-2142

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOCs	[illegible]	[illegible]	[illegible]	[illegible]							CLIENT COMMENTS
Turnaround Time					5WD	5WD	5WD	5WD	5WD							
# of Containers					3	1	1	2	2							
Container Type					Encore	8oz glass	8oz glass	Encore	8oz glass							
Preservative Used					N/A	N/A	N/A	N/A	N/A							
ACB:SL:SF01-01	3/31/99	1000	Soil	JG	✓	✓	✓									Appendix IX
ACB:SL:SF01-01-10	3/31/99	1000	Soil	JG	✓	✓	✓									
ACB:SL:SF01-01-MS	3/31/99	1000	Soil	JG					✓							
ACB:SL:SF01-01-MS	3/31/99	1000	Soil	JG				✓	✓							
ACA:SL:SF12-01	3/31/99	1024	Soil	JG	✓	✓	✓									
S41:SL:SF01-01	3/31/99	1030	Soil	JG	✓	✓	✓									
S41:SL:SF02-01	3/31/99	1040	Soil	JG	✓	✓	✓									
S41:SL:SF02-01-FD	3/31/99	1040	Soil	JG	✓	✓	✓									
S41:SL:SF02-01-MS	3/31/99	1040	Soil	JG				✓	✓							
S41:SL:SF02-01-MD	3/31/99	1040	Soil	JG				✓	✓							
S41:SL:SF03-01	3/31/99	1109	Soil	JG	✓	✓	✓									
ACA:SL:SF13-01	3/31/99	1122	Soil	JG	✓	✓	✓									

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	3/31/99	[signature]	[signature] 3/31/99 1400		
Relinquished By: [signature]	Date/Time 3/31/99 930	Received By: [signature]	Date/Time / Shipper:	Airbill No.: FedEx 809592538067	
Relinquished By: [signature]	Date/Time 3/31/99 1000	Received By: [signature]	Lab Comments:	Temp:	

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GP. LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

2 of 2 Pgs.

Project: Earth Tech - RFI - WMO
Client: Earth Tech WMI
Send Results To: Mike Bedard
Address: 412 Lincoln Hwy.
Fairless Hills, PA 19030
Phone: (215) 269-2142

Turnaround Time	Stnd.	Stnd.	Stnd.	Stnd.	Stnd.
# of Containers	3	1	1	2	2
Container Type	Fuvoce	8oz glass	8oz. glass	Fuvoce	8oz. glass
Preservative Used					
Type of Analysis	VOC's	Shoes, Pesticides, Herbicides, PCB's	Metals, Cyanide, Sulfide	VOC's	Shoes, Pesticides, Herbicides, PCB, Metals, Cyanide, Sulfide

Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC's	Shoes, Pesticides, Herbicides, PCB's	Metals, Cyanide, Sulfide	VOC's	Shoes, Pesticides, Herbicides, PCB, Metals, Cyanide, Sulfide						CLIENT COMMENTS
S27:SL:SF03-01	3/31/99	1454	Soil	JS	✓	✓	✓								

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	3/30/99	[signature]	[signature]		
Relinquished By: [signature]	Date/Time 3/31/99 1300	Received By: [signature]	Date/Time	Shipper:	Airbill No.:
Relinquished By: [signature]	Date/Time 3/31/99 1530	Received By: [signature]	Lab Comments:		Temp:

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GP LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 2 Pgs.

Project: Earth Tech - RSI - WMO
Client: Earth Tech WMI
Send Results To: Mike Blanard
Address: 412 Lincoln Hwy.
Fairless Hills, PA 19030
Phone: (215) 269-2142

Turnaround Time	STD	STD	STD	STD	STD
# of Containers	3	1	1	2	2
Container Type	Glass	4oz glass	8oz glass	4oz	4oz glass
Preservative Used					
Type of Analysis	VOC's	Semi-Vol's (Pesticides, PCBs)	Metals (Total, Cyanide)	VOC's	Semi-Vol's (Pesticides, PCBs, Metals, TPH)

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC's	Semi-Vol's (Pesticides, PCBs)	Metals (Total, Cyanide)	VOC's	Semi-Vol's (Pesticides, PCBs, Metals, TPH)	Lab Cooler No.	CLIENT COMMENTS
ACH:SL:SF01-01	3/31/99	1308	Soil	JG	✓	✓	✓				Approval x JS
ACH:SL:SF01-01FD	3/31/99	1308	Soil	JG	✓	✓	✓				
ACH:SL:SF01-02	3/31/99	1341	Soil	JG	✓	✓	✓				
ACH:SL:SF01-02-MS	3/31/99	1341	Soil	JG				✓	✓		
ACH:SL:SF01-02-MSD	3/31/99	1341	Soil	JG				✓	✓		
ACH:SL:SF01-03	3/31/99	1345	Soil	JG	✓	✓	✓				
ACH:SL:SF04-01	3/31/99	1408	Soil	JG	✓	✓	✓				
SB1:SL:SF01-01	3/31/99	1420	Soil	JG	✓	✓	✓				
SB1:SL:SF01-01-MS	3/31/99	1420	Soil	JG				✓	✓		
SB1:SL:SF01-01-MSD	3/31/99	1420	Soil	JG				✓	✓		
SB2:SL:SF01-01	3/31/99	1435	Soil	JG	✓	✓	✓				
SB7:SL:SF01-01	3/31/99	1445	Soil	JG	✓	✓	✓				

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	3/31/99		3/31/99		
Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
	3/31/99 1300				FED EX 809 592 738056
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	3/31/99 1330				

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Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

Project: Earth Tech - RFI - WMD
Client: Earth Tech
Send Results To: Mike Bedard
Address: 412 Lincoln Hwy
Fairless Hills, PA 19030
Phone: (215) 209-2142

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC's	SVOC's, Pesticide, Herbicide, PCB	Metals, Cyanide, Sulfide	VOC's	[illegible]	*PCB*					Lab Cooler No. / CLIENT COMMENTS
Tumaround Time										RUSH					
# of Containers					3	1	1	2	2						
Container Type					Enpeck	1 gal	[illegible]	[illegible]	40 gal						
Preservative Used															
Type of Analysis															
S35:SL:SF02-01	3/31/99	0802	Soil	JG	✓	✓	✓								
ACA:SL:SF02-01	3/31/99	0815	Soil	JG	✓	✓	✓								
ACA:SL:SF02-01-SD	3/31/99	0815	Soil	JG	✓	✓	✓								
[illegible]	3/31/99	0815	Soil	JG				✓	✓						
[illegible]	3/31/99	0815	Soil	JG				✓	✓						
S36:SL:SF02-01	3/31/99	0836	Soil	JG	✓	✓	✓								
ACA:SL:SF08-01	3/31/99	0845	Soil	JG	✓	✓	✓								
ACA:SL:SF09-01	3/31/99	0853	Soil	JG	✓	✓	✓								
S46:SL:SF01-01	3/31/99	0905	Soil	JG	✓	✓	✓			*			✓		*Rush PCB
ACA:SL:SF11-01	3/31/99	0922	Soil	JG	✓	✓	✓								if PCB Detected
ACA:SL:SF10-01	3/31/99	0914	Soil	JG	✓	✓	✓								Run Doxcust
															Turns

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[signature]	3/31/99 930	[signature]			
Relinquished By: [signature]	Date/Time 3/31/99 100	Received By:	Date/Time	Shipper:	Airbill No.: FED EX 855139774 6
Relinquished By:	Date/Time	Received By:	Lab Comments:		Temp:

Received by [illegible] 3/31/99 [illegible]

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EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 3/~~27~~ 30/99 (MF) REPORT NUMBER 11

PROJECT & LOCATION CESM- Vickery

WEATHER Sunny TEMPERATURE RANGE 45°-70°F WIND Light Breeze

EARTH TECH PERSONNEL ON SITE JG/MAE/JH TIME ON SITE 0700 - 1830

SUMMARY OF SITE ACTIVITIES Drill Rig repairs (Am). Earth Tech personnel Recon rest of active operations areas sample locations. PM- Sample prep and Collection

LEVEL OF HEALTH & SAFETY PROTECTION Level D

INSTRUMENTATION USED Microtip MP-1000 + multirae

CALIBRATION(S) PERFORMED Isobutylene, H_2S, CO, O_2 LEL calibrated @ 1200

INSTRUMENT PROBLEMS/REMEDIES None

SAMPLES COLLECTED*

See attached C-O-C

SAMPLE COLLECTION METHOD(S)

split spoon

GRAB

QUALITY CONTROL SAMPLES* See Attached C-O-C

(3) Geotech Samples: 549: SL: SF01-01-GT, ACC: SL: SF01-01-GT

532: SL: SF02-01-GT

ADDITIONAL REMARKS

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE: [signature]

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GPL LABORATORIES, LLLP

202 Pe[illegible] Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference:

1 of 1 Pgs.

FARM TECH

Project: Cum Valley RFI

Client: WM

Send Results To: Michael Orchard

Address: 918 Lincoln Hwy
Lower Merion, PA 19030

Phone: (215) 267-2142

Turnaround Time	STD	STD	STD	Rush							
# of Containers	3	1	1								
Container Type	Tubes	8oz glass	8oz glass								
Preservative Used	None	None	None								
Type of Analysis	VOCs	SVOCs, Pesticides, Herbicides, PCBs	Metals, CN, S	* PCB *							

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOCs	SVOCs, Pesticides, Herbicides, PCBs	Metals, CN, S	* PCB *							Lab Cooler No.	CLIENT COMMENTS
SB:SB50-01	3/30/99	1600	Soil	JG	✓	✓	✓									Appendix IX
ACA:SL:SF03-01	3/30/99	1610	Soil	JG	✓	✓	✓									
ACA:SL:SF04-01	3/30/99	1617	Soil	JG	✓	✓	✓									
ACA:SL:SF03-01	3/30/99	1629	Soil	JG	✓	✓	✓									
ACA:SL:SF01-01	3/30/99	1637	Soil	JG	✓	✓	✓									
SB:SL:SF01-01	3/30/99	1644	Soil	JG	✓	✓	✓									
SB6:SL:SF01-01	3/30/99	1630	Soil	JG	✓	✓	✓									
SB6:SL:SF02-01	3/30/99	1638	Soil	JG	✓	✓	✓									
SB9:SL:SF01-01	3/30/99	1704	Soil	JG	✓	✓	✓	*					✓			Rush PCB
ACC:SL:SF01-01	3/30/99	1717	Soil	JG	✓	✓	✓									Rushed RW
																Dawn + Fumes

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—	3/30/99	[signature]	[signature] 3/31/99		

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[signature]	3/30/99 1530 ~~3/30/99 1250~~	[signature]			Fed Ex 8095925 38012

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:
[signature]	3/30/99 1730	[signature]		

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GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of Pgs.

EARTH TECH

Project: Owm - Dickey RFI
Client: WMI
Send Results To: Michael Bedard
Address: 412 Lincoln Hwy
Fairless Hills PA 19030
Phone: (215) 269-2142

Turnaround Time	STD	STD	STD	RUSH
# of Containers	3	1	1	
Container Type	Encore	8oz glass	8oz glass	
Preservative Used	None	None	None	
Type of Analysis	VOC's	SVOC's, PCB's, Pesticides, Herbicides	metals (Hg/Pb) Sulfide	RUSH PCB*

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC's	SVOC's, PCB's, Pesticides, Herbicides	metals (Hg/Pb) Sulfide	RUSH PCB*							Lab Cooler No.	CLIENT COMMENTS
A6A:SL:S507-01	3/30/99	1400	Soil	AMF	X	X	X									Approx. 1X
A6A:SL:S506-01	3/30/99	1415	Soil	AMF	X	X	X									
532:SL:S501-01	3/30/99	1430	Soil	AMF	X	X	X									
534:SL:S501-01	3/30/99	1427	Soil	AMF	X	X	X									
534:SL:S501-01-FD	3/30/99	1427	Soil	AMF	X	X	X									
549:SL:S501-01-FD	3/30/99	1440	Soil	AMF	X	X	X									*PCB Detected
549:SL:S501-01	3/30/99	1440	Soil	AMF	X	X	X	X								in rush sample
534:SL:S502-01	3/30/99	1428	Soil	AMF	X	X	X									RUN Dioxins +
533:SL:S502-01	3/30/99	1503	Soil	AMF	X	X	X									FURANS *
531:SL:S101-01	3/30/99	1515	Soil	AMF	X	X	X									
532:SL:S102-01	3/30/99	1521	Soil	AMF	X	X	X									

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—	3/30/99	[illegible]			

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[illegible]	3/31/99 0830				Fed Ex 8099925 38039

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G.P. W.O. _____

EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 3/29/99 REPORT NUMBER 10

PROJECT & LOCATION CWM-Vickery - Group F

WEATHER Sunny TEMPERATURE RANGE 45°-60° WIND 10-15 mph

EARTH TECH PERSONNEL ON SITE AM/JG/JH TIME ON SITE 0700 - 1500

SUMMARY OF SITE ACTIVITIES

sampling / sample prep / split spoon / Auger sample collection

LEVEL OF HEALTH & SAFETY PROTECTION

Level D

INSTRUMENTATION USED

mini rae + multirae @ 0745 and @ 1240

CALIBRATION(S) PERFORMED

Isobutylene, LEL, CO, H_2S, O_2

INSTRUMENT PROBLEMS/REMEDIES

SAMPLES COLLECTED*

See attached C-O-C

SAMPLE COLLECTION METHOD(S)

split spoon / Hollow stem Auger

Grab samples

QUALITY CONTROL SAMPLES* See attached C-O-C

(1) geotech Sample 538:SL:SF01-01-GT

ADDITIONAL REMARKS

Drill Rig brake hydraulic line - end sampling @ 1200

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE: [signature]

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GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

FAMIL TECH 0

Project: CWM-Jackson RDE
Client: WMI
Send Results To: Michael Bathard
Address: 412 Lincoln Hwy
Cockeysville Hills PA 19030
Phone: 215 469-0142

Turnaround Time	STD	STD	STD	STD	STD
# of Containers	3	1	1	2	1
Container Type	Frame	8oz Glass	8oz Glass	Frame	4oz Glass
Preservative Used	None	None	None	None	None
Type of Analysis	VOCs	SVOCs, Pesticides, Herbicides, PCBs	Metals, Cyanide, Sulfide	VOCs	Metals, SVOCs (w/ Pest., Herb., PCBs)

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOCs	SVOCs, Pesticides, Herbicides, PCBs	Metals, Cyanide, Sulfide	VOCs	Metals, SVOCs (w/ Pest., Herb., PCBs)							Lab Cooler No. / CLIENT COMMENTS
537: SL:SF01-01	3/29/99	0830	Soil	AMF	X	X	X									Appendix IX
537: SL:SF02-01	3/29/99	0844	Soil	AMF	X	X	X									
38 SF: SL:SF01-01	3/29	0877	Soil	AMF	X	X	X									
38 SF: SL:SF03-01	3/29	0910	Soil	AMF	X	X	X									
SF: SL:US01-01	3/29	0940	Soil	AMF	X	X	X									
5: SL:SF03-01	3/29	0955	Soil	AMF	X	X	X									
540: SL:SF03-01-FD	3/29	0955	Soil	AMF	X	X	X									
539: SL:SF01-01	3/29	1010	Soil	AMF	X	X	X									
539: SL:SF01-01-MS	3/29	100	Soil	AMF				X	X							
539: SL:SF01-01-MSD	3/29	1010	Soil	AMF				X	X							
539: SL:SF02-01	3/29	1022	Soil	AMF	X	X	X									
552: SL:SF01-01	3/29	1035	Soil	AMF	X	X	X									

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	3/30/99				

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	3/29/99 1400				FEDEX 809 292 5 3 0 4 5

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G.P. W.O. _____

EARTH TECH
A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 3/26/99 REPORT NUMBER 9

PROJECT & LOCATION CWM-Vickery - SWMU #13

WEATHER Cool/cloudy TEMPERATURE RANGE 20°F-40°F WIND 5 mph (steady)

EARTH TECH PERSONNEL ON SITE JG/JH/ARF TIME ON SITE 0630 - 1430

SUMMARY OF SITE ACTIVITIES

sample prep / sampling SWMU #13

LEVEL OF HEALTH & SAFETY PROTECTION Level D

INSTRUMENTATION USED microtip MP-1000 / multiRAE (Quad gas)
calibrated @0715 calibrated @ 1005

CALIBRATION(S) PERFORMED Isobutylene and Methane, H_2S, $CO + O_2$

INSTRUMENT PROBLEMS/REMEDIES None

SAMPLES COLLECTED*

SEE Attached C-O-C

SAMPLE COLLECTION METHOD(S)

Hollow Stem Auger / split spoon

QUALITY CONTROL SAMPLES* see Attached C-O-C

(1) ~~(2)~~ ARF Geotech Samples S13:SL:GNB2-01-GT

(1) Geotech Dup S13:SL:GNB2-01-GD

ADDITIONAL REMARKS

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE: [signature]

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GPL LABORATORIES, LLLP

202 [illegible]y Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of Pgs.

EARTH TECH

Project: CWM - Vickery RFI
Client: WM
Send Results To: Michael Bedard
Address: 412 Lincoln Hwy
Fairless Hills PA 19030
Phone: (215) 269-2142

Turnaround Time	STD	STD	STD	STD	STD										
# of Containers	3	1	1	2	1										
Container Type	Encore	4oz Glass	8oz Glass	Encore	4oz										
Preservative Used	None	None	None	None	None										
Type of Analysis	Voc's	Svoc's, Pest/Herb, PCB	Metals, Cyanide, Sulfide	Voc's	Svoc's, Pest/Herb, PCB, Metals										

Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Voc's	Svoc's, Pest/Herb, PCB	Metals, Cyanide, Sulfide	Voc's	Svoc's, Pest/Herb, PCB, Metals						CLIENT COMMENTS
S13:SL:GNA1-01	3/26/99	0805	Soil	ARF	X	X	X								
S13:SL:GNA1-01-FD	3/26/99	0805	Soil	ARF	X	X	X								
S13:SL:GNB1-01	3/26/99	0825	Soil	ARF	X	X	X								
S13:SL:GNC1-01	3/26/99	0848	Soil	ARF	X	X	X								
S13:SL:GNC2-01	3/26/99	0906	Soil	ARF	X	X	X								
S13:SL:GNC2-01-MS	3/26	0906	Soil	ARF				X	X						
S13:SL:GNC2-01-MD	3/26	0906	Soil	ARF				X	X						
S13:SL:GNB2-01	3/26/99	0926	Soil	ARF	X	X	X								
S13:SL:GNA2-01	3/26/99	0946	Soil	ARF	X	X	X								

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—	3/18/99	[signature]			

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[signature]	3/26/99	1440			FED EX 855139 7724

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPL BORATORIES, LLLP

202 / Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of Pgs.

FIRTH TECH

Project:	CWM-Vickery Ohio RFI
Client:	WM
Send Results To:	Michael Bedard
Address:	412 Lincoln Hwy
	Fairless Hills PA 19030
Phone:	(215) 269-2142

Turnaround Time	STD	STD	STD
# of Containers	3	1	1
Container Type	Encore	8oz glass	8oz glass
Preservative Used	None	None	None
Type of Analysis	VOC's	Metals, Cyanide, Sulfide	SVOC's, Pesticide, Herbicide, PCB

Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC's	Metals, Cyanide, Sulfide	SVOC's, Pesticide, Herbicide, PCB								CLIENT COMMENTS
SB3:SL:GNB3-01	3/26/99	1042	Soil	AMF	X	X	X								[illegible] IX
SB3:SL:GNB3-01	3/26/99	1029	Soil	AMF	X	X	X								
SB3:SL:GNC3-01	3/26/99	1116	Soil	AMF	X	X	X								
SB3:SL:GNC4-01	3/26/99	1130	Soil	AMF	X	X	X								
SB3:SL:GNB4-01	3/26/99	1200	Soil	AMF	X	X	X								
SB3:SL:GNA4-01	3/26/99	1225	Soil	AMF	X	X	X								

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
—	3/18/99	[signature]			

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.: TID FK
[signature]	3/26/99 1430				8551397713

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 3/25/99 REPORT NUMBER 8

PROJECT & LOCATION Solmet 12 - Cwm-Vickery Ohio

WEATHER Overcast/Cloudy TEMPERATURE RANGE 30°F WIND 10-15 mph

EARTH TECH PERSONNEL ON SITE JG/AMF/JH TIME ON SITE 0645 - 1800

SUMMARY OF SITE ACTIVITIES

Sample prep/sample collection/ Auger, rod and spoon Decontamination

LEVEL OF HEALTH & SAFETY PROTECTION Level D

INSTRUMENTATION USED micro tip MP-1000
multi RAE

CALIBRATION(S) PERFORMED Calibration performed on Micro Tip & Multi RAE @ 0705 and 1300 hrs

INSTRUMENT PROBLEMS/REMEDIES No Problems encountered with instruments

SAMPLES COLLECTED*

See attached C-O-C

SAMPLE COLLECTION METHOD(S)

Hollow stem Auger / Split spoon

QUALITY CONTROL SAMPLES*

See Attached C-O-C

(2) Geotech Samples S12:SL:GNE2-01-GT
S12:SL:GNC2-01-GT

ADDITIONAL REMARKS

Humid morning w/ snow
Dry afternoon windy + partly sunny

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT, SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE:

C:\11-VIC~1\FIELDF~1\QCRPT.FRM

GPL LABORATORIES, LLLP

202 / Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

EARTH TECH

Project: CWM - Vickery RFI
Client: WM
Send Results To: Micheal Bedard
Address: 412 Lincoln Hwy
Fairless Hills, PA 19030
Phone: (215) 269-2142

Turnaround Time	STD	STD	STD
# of Containers	3	1	1
Container Type	Encore	8oz glass	8oz glass
Preservative Used	None	None	None
Type of Analysis	Voc's	Svoc's, Pesticides, Herbicides, PCB	Metals, Cyanide, Sulfide

Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Voc's	Svoc's, Pesticides, Herbicides, PCB	Metals, Cyanide, Sulfide								CLIENT COMMENTS
S12:SL:GNF3-01	3/25/99	0800	Soil	ARF	X	X	X								Appendix IX
S12:SL:GNF2-01	3/25/99	0820	Soil	ARF	X	X	X								
S12:SL:GNF2-02	3/25/99	0846	Soil	ARF	X	X	X	* Rush Voc's From this Sample only *							
S12:SL:GNF2-03	3/25/99	0855	Soil	ARF	X	X	X								
S12:SL:GNF1-01	3/25/99	0935	Soil	ARF	X	X	X								
S12:SL:GNE1-01	3/25/99	0955	Soil	ARF	X	X	X								
S12:SL:GNF2-01	3/25/99	1015	Soil	ARF	X	X	X								
S12:SL:GNE3-01	3/25/99	1040	Soil	ARF	X	X	X								
S12:SL:GNE3-01-FD	3/25/99	1040	Soil	ARF	X	X	X								

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
	3/18/99	[signature]			

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[signature]	3/25/99 1645				FED EX 8551397680

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPL[illegible] BORATORIES, LLLP

202 [illegible] Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

EARTH TECH

Project:	CWM Vickery RF I
Client:	WM
Send Results To:	Michael Bedard
Address:	412 Lincoln Hwy
	Fairless Hills, PA 19030
Phone:	(215) 269-2142

Turnaround Time					STD	STD	STD								
# of Containers					3	1	1								
Container Type					Enrone	802 [illegible]	802 [illegible]								
Preservative Used					None	None	None								
Type of Analysis					VOC's	SVOC's Pesticides PCB	Metals Cyanide Sulfide								
Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials											CLIENT COMMENTS
S12:SL:GND3-01	3/25/99	1130	Soil	ARF	X	X	X								Appendix IX
S12:SL:GND2-01	3/25/99	1145	Soil	ARF	X	X	X								
S12:SL:GND1-01	3/25/99	1200	Soil	ARF	X	X	X								
S12:SL:GNC2-01	3/25/99	1332	Soil	ARF	X	X	X								
S12:SL:GNC3-01	3/25/99	1351	Soil	ARF	X	X	X								
S12:SL:GNB3-01	3/25/99	1415	Soil	ARF	X	X	X								
S12:SL:GNB2-01	3/25	1508	Soil	ARF	X	X	X				X				
S12:SL:GNB2-01-TC	3/25	1508	Soil	ARF	X	X	X								
S12:SL:GNA2-01	3/25/99	1550	Soil	ARF	X	X	X								

Lab Cooler No.

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
—	3/18/99	[signature]			

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[signature]	3/25/99 1440				FEDEX 8551397676

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 3/24/99 REPORT NUMBER 7

PROJECT & LOCATION CWM-Vickery SWMU 14 + SWMU 15

WEATHER Sunny TEMPERATURE RANGE 35°F WIND 5-10 mph West

EARTH TECH PERSONNEL ON SITE JG/JH/AAF TIME ON SITE 0630 - 1830

SUMMARY OF SITE ACTIVITIES

Sample prep / sample collection / Decon / sample packaging in 2 solid waste mgt. units

LEVEL OF HEALTH & SAFETY PROTECTION level D

INSTRUMENTATION USED microTIP MP 1000 / multi rae @ 0200 and @ 1235

CALIBRATION(S) PERFORMED Isobutylene, CO, H_2S, methane

INSTRUMENT PROBLEMS/REMEDIES none

SAMPLES COLLECTED*

See attached C-O-C

SAMPLE COLLECTION METHOD(S)

Split spoon / Auger

QUALITY CONTROL SAMPLES* See Attached C-O-C

2 Geotech samples S15:SL:GNB4-01-GT, S15:SL:GNB1-01-GT

1 Geotech Duplicate S15:SL:GNB4-01-GD

ADDITIONAL REMARKS

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE: [signature]

GPL LABORATORIES, LLLP

202 Pe[illegible] Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

FARTH TECH

Project: CWM - Vickery
Client: WM
Send Results To: Michael Bedard
Address: 412 Lincoln Hwy
Fairless Hills, PA 19030
Phone: (215) 269 - 2142

Turnaround Time	STD	STD	STD
# of Containers	3	1	1
Container Type	Encore	8oz glass	8oz glass
Preservative Used	None	None	None
Type of Analysis	VOC's	SVOC's Pesticides Herbicides PCB	Metals Cyanide Sulfide

Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC's	SVOC's Pesticides Herbicides PCB	Metals Cyanide Sulfide								CLIENT COMMENTS
515: SL:GNC1-01	3/24/99	1355	Soil	ARF	X	X	X								Appendix IX
515: SL:GNC2-01	3/24/99	1500	Soil	ARF	X	X	X								# of PCB
515: SL:GNC2-01-FD	3/24/99	1500	Soil	ARF	X	X	X								Detected AVN
515: SL:GNC2-01	3/24/99	1520	Soil	ARF	X	X	X								Dioxan +
515: SL:GNC3-01	3/24/99	1537	Soil	ARF	X	X	X								Furans
515: SL:GNC4-01	3/24/99	1554	Soil	ARF	X	X	X								

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
	3/8/99	[signature]			

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[signature]	3/24/99 1610				

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPL LABORATORIES, LLLP

202 [illegible] Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

EARTH TECH

Project:	CWM - Vickery
Client:	WM
Send Results To:	Michael Bedard
Address:	412 Lincoln Hwy
	Fairless Hills PA 19030
Phone:	(215) 269 - 2142

Turnaround Time					RUSH	STD	STD	STD	~~STD~~	STD					
# of Containers					3	1	1	1	~~1~~	2					
Container Type					Encore	8oz glass	8oz glass	4oz	~~4~~	Encore					
Preservative Used					None	None	None	None		None					
Type of Analysis					VOC's	SVOC's, Pesticides, Herbicides, PCB	Metals, Cyanide, Sulfide	Metals, SVOC's, Pest, Herb, PCB, Cyanide		VOC's					Lab Cooler No.
Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials											CLIENT COMMENTS
S14:SL:GNC2-01	3/23/99	1610	Soil	AAF	X	X	X								Append. x IX
S14:SL:GNB2-01	3/23/99	1700	Soil	AAF	X	X	X								
S14:SL:GNB2-01-FD	3/23/99	1700	Soil	AAF	X	X	X								✱ Rush turn
S14:SL:GNB1-01	3/23/99	1745	Soil	AAF	X	X	X								Mound for
S14:SL:GNC1-01	3/24/99	0755	Soil	AAF	X	X	X								VOC's. ✱
S14:SL:GNC1-01-MS	3/24/99	0755	Soil	AAF				X		X					
S14:SL:GNC1-01 MD	3/24/99	0755	Soil	AAF				X		X					

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
	3/18/99	[signature]			

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[signature]	3/24/99 0840				FEDEX Y551397643

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

Project: Pom-Derry RIE
Client: WM
Send Results To: Richard Bond
Address: [illegible]
Lawrence Hills, PA 19030
Phone: [illegible] 21612

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC's	SVOC's Pesticides Herbicides PCB	Metals (Grab) Silica	Metals (Composite) Silica	CN, Sulfide, Phenols	VOC's						Lab Cooler No.	CLIENT COMMENTS
Turnaround Time					STD	STD	STD	STD	STD	STD							
# of Containers					3	1	1	1	1	2							
Container Type					Amber	Glass	Glass	Glass	Glass	Amber							
Preservative Used					None	None	None	None	None	None							
SL-SL:GNA4-01	3/24/99	1032	Sol	AAF	X	X	X										Appendix IX
SL-SL:GNA5-01	3/24/99	1050	Sol	AAF	X	X	X										
SL-SL:GNA3-01	3/24/99	1115	Sol	AAF	X	X	X										If PCB present
SL-SL:GNB3-01	3/24/99	1133	Sol	AAF	X	X	X										run Dioxins and
SL-SL:GNA2-01	3/24/99	1150	Sol	AAF	X	X	X										Furans
SL-SL:GNA1-01	3/24/99	1312	Sol	AAF	X	X	X										
SL-SL:GNA1-01MS	3/24/99	1312	Sol	AAF				X		X							
SL-SL:GNA1-01MSD	3/24/99	1312	Sol	AAF				X		X							
SL-SL:GNA1-01	3/24/99	1337	Sol	AAF	X	X	X										

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
	3/8/99	[signature]			

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[signature]	3/24/99 1430				

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

EARTH TECH
A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 3/23/99 REPORT NUMBER 6

PROJECT & LOCATION CWM - Vickery - Background Areas

WEATHER _____ TEMPERATURE RANGE _____ WIND _____

EARTH TECH PERSONNEL ON SITE JG/ARF/JH TIME ON SITE 0630 -

SUMMARY OF SITE ACTIVITIES

H+S Audit conducted By Earth TECH HSO Ron Partilla.
Sample prep/ Background Sampling in NW Corner of site

LEVEL OF HEALTH & SAFETY PROTECTION Level D

INSTRUMENTATION USED MicroTip MP-1000, MultiRAE

CALIBRATION(S) PERFORMED Isobutylene, H_2S, CO, O_2, LEL

INSTRUMENT PROBLEMS/REMEDIES NONE

SAMPLES COLLECTED*

See ATTACHED C-O-C
Background Samples collected Also - metals only

SAMPLE COLLECTION METHOD(S)

split spoon Hollow Stem Auger

QUALITY CONTROL SAMPLES* SEE ATTACHED C-O-C

1 Geotech Sample 514:SL:GNB1-01-GT

ADDITIONAL REMARKS

Ron on site From 0700 - 1430

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE: [signature]

C:\11-VIC~1\FIELDF~1\QCRPT.FRM

GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

EARTH TECH

Project: CWM - Vickery
Client: WM
Send Results To: Michael Bedard
Address: 412 Lincoln Hwy
Fairless Hills PA 19030
Phone: (215) 269 - 2142

Turnaround Time	RUSH	STD	STD	STD	~~STD~~	STD					
# of Containers	3	1	1	1	~~1~~	2					
Container Type	Encore	8oz Glass	8oz Glass	4oz	~~4~~	Encore					
Preservative Used	None	None	None	None		None					
Type of Analysis	VOC's	SVOC's, Pesticides, Herbicides, Metals, Cyanide, Sulfide, Moisture, Specific Grav., Flash Point, Ign.			VOC's						

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC's	SVOC's, Pesticides, Herbicides, Metals, Cyanide, Sulfide, Moisture, Specific Grav., Flash Point, Ign.				VOC's						Lab Cooler No. / CLIENT COMMENTS
S14: SL:GN03-01	3/23/99	1610	Soil	AMF	X	X	X									Approved TX
S14: SL:GN03-01	3/23/99	1700	Soil	AMF	X	X	X									
S14: SL:GN02-01-FD	3/23/99	1700	Soil	AMF	X	X	X									~~X~~ RUSH TURN
S14: SL:GN01-01	3/23/99	1745	Soil	AMF	X	X	X									AROUND FOR
S14: SL:GN01-01	3/24/99	0755	Soil	AMF	X	X	X									VOC's. ~~X~~
S14: SL:GN01-01-MS	3/24/99	0755	Soil	AMF				X		X						
S14: SL:GN01-01-MD	3/24/99	0755	Soil	AMF				X		X						

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
—	3/18/99	Debra Tla			

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
Debra Tla	3/24/99 0900				FEDEX 855137643

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPL LABORATORIES, LLP

202 F[illegible] Parkway
Gaithersbu[illegible] MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of Pgs.

EARTH TECH

Project: CWM-Vickery OHIO
Client: WM
Send Results To: Michael Becker
Address: 412 Lincoln Hwy
Fairless Hills PA 19030
Phone: (215) 269-2142

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Metals	Metals									CLIENT COMMENTS
Turnaround Time					STD	STD									
# of Containers					1	1									
Container Type					8oz	4oz									
Preservative Used					None	None									
Type of Analysis															Lab Cooler No.
BGS:SL:BG03-01	3/23/99	1005	Soil	ARF	X										Appendix IX
BGS:SL:BG03-01-FD	3/23/99	1005	Soil	ARF	X										
BGS:SL:BG02-02	3/23/99	0940	Soil	ARF	X										
BGS:SL:BG01-01	3/23/99	0845	Soil	ARF	X										
BGS:SL:BG01-02	3/23/99	0902	Soil	ARF	X										
BGS:SL:BG02-01	3/23/99	0925	Soil	ARF	X										
BGS:SL:BG-03-02	3/23/99	1035	Soil	ARF	X										
BGS:SL:BG03-02-MS	3/23/99	1035	Soil	ARF	~~X~~ ARF	X									
BGS:SL:BG03-02-MD	3/23/99	1035	Soil	ARF		X									
BGS:SL:BG05-01	3/23/99	1235	Soil	AJG	X										
BGS:SL:BG05-02	3/23/99	1250	Soil	JG	X										
BGS:SL:BG04-01	3/23/99	1110	Soil	ARF	X										

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
—	3/23/99	[signature]			

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPL L ORATORIES, LLLP

202 F Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

2 of Pgs.

EARTH TECH

Project: CWM- Vickery OHIO
Client: WM
Send Results To: Michael Bedard
Address: 412 Lincoln Hwy
Fairless Hills, PA 19030
Phone: (215) 269-2142

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	metals										CLIENT COMMENTS
Turnaround Time					STD	STD									
# of Containers					1										
Container Type					8oz Glass										
Preservative Used					NONE										
Type of Analysis															Lab Cooler No.
BG-S:SL:BG04-01	3/23/99	1125	Soil	ARF	X										Appendix IX

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
—	3/18/99	[signature]			

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

EARTH TECH
A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 3/22/99 REPORT NUMBER 5

PROJECT & LOCATION CWM-Vickery RFI / SWMU 14

WEATHER partly cloudy TEMPERATURE RANGE 30°-35°F WIND 10-15 mph (snow flurries)

EARTH TECH PERSONNEL ON SITE Jack/Andrea/Jim TIME ON SITE 06:30 - 1830

SUMMARY OF SITE ACTIVITIES

Sampling prep / Sampling / Decontamination / Sample packing and shipment

LEVEL OF HEALTH & SAFETY PROTECTION level D and modified D

INSTRUMENTATION USED microtip mp 1000 multi gas

CALIBRATION(S) PERFORMED Isobutylene, H_2S, CO, Methane

INSTRUMENT PROBLEMS/REMEDIES none

SAMPLES COLLECTED* see attached C-O-C

SAMPLE COLLECTION METHOD(S)

Splitspoon / Auger

QUALITY CONTROL SAMPLES* none today

ADDITIONAL REMARKS

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE: Andrea [illegible]

GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

EARTH TECH

Project: Cwm-Vickery RFI
Client: Waste Management
Send Results To: Michael BEDARD
Address: 412 Lincoln Hwy
Fairless Hills PA 19030
Phone: (215) 269 2142

Turnaround Time	STD	STD	STD
# of Containers	3	1	1
Container Type	Encore	802 Glass	802 Glass
Preservative Used	None	None	None
Type of Analysis	VOC's	SVOCs, Pesticides, Herbicides, PCB	Metals, Cyanide, Sulfide

Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC's	SVOCs, Pesticides, Herbicides, PCB	Metals, Cyanide, Sulfide								CLIENT COMMENTS
S14:SL:GND1-01	3/22/99	0800	Soil	MAF	X	X	X								Appendix IX
S14:SL:GND1-02	3/22/99	1145	Soil	MAF	X	X	X								Parameters

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
	3/16/99	[signature]			

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[signature]	3/22/99 1600				

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 3/19/99 REPORT NUMBER 4

PROJECT & LOCATION CWM- Vickery - SWMU #14

WEATHER Cloudy TEMPERATURE RANGE 35° WIND 5 mph West

EARTH TECH PERSONNEL ON SITE Jim Gibson/Jack/Andrea Frustaci TIME ON SITE 0630 - 1400

SUMMARY OF SITE ACTIVITIES

LEVEL OF HEALTH & SAFETY PROTECTION Level D and Modified Level D

INSTRUMENTATION USED microtip MP-1000, multiRAE

CALIBRATION(S) PERFORMED Isobutylene, H_2S, CO, Methane.

INSTRUMENT PROBLEMS/REMEDIES None

SAMPLES COLLECTED* See attached C-O-C

SAMPLE COLLECTION METHOD(S)

split spoon/ Auger

QUALITY CONTROL SAMPLES* None Today

ADDITIONAL REMARKS

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE: [signature]

C:\11-VIC~1\FIELDF~1\QCRPT.FRM

GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of Pgs.

EARTH TECH

Project:	CWM - Vickery RFI
Client:	WM - Vickery
Send Results To:	Michael Bedard
Address:	412 Lincoln Hwy
	Fairless Hills PA 19030
Phone:	215 269-2142

Turnaround Time	STD	STD	STD
# of Containers	3	1	1
Container Type	Fuel	8oz Pan	8oz Stress
Preservative Used	None	None	None
Type of Analysis	VOC's	SVOC's, Pesticides, Herbicides, PCB	metals, Cyanide, Sulfide

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC's	SVOC's, Pesticides, Herbicides, PCB	metals, Cyanide, Sulfide							Lab Cooler No.	CLIENT COMMENTS
S14:SL:GNA2-01	3/19/99	0815	Soil	AMF	X	X	X								Appendix IX
S14:SL:GNA2-02	3/19/99	1015	Soil	AMF	X	X	X								

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	3/12/99	[signature]			

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[signature]	3/17/99 1100				FEDEX 8551397632

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 3/18/99 REPORT NUMBER 3

PROJECT & LOCATION CWM-Vickery, Ohio

WEATHER Cloudy TEMPERATURE RANGE min 30°-35 F WIND 20-30mph (Heavy winds)

EARTH TECH PERSONNEL ON SITE Jack Hedy, Andrea Frusaci, Jim Gibson TIME ON SITE 0700

SUMMARY OF SITE ACTIVITIES

First Day of Drilling in Summit #14

LEVEL OF HEALTH & SAFETY PROTECTION HHAT/safety/glasses level D

INSTRUMENTATION USED Photo-vac Microtip MP-1000 PID & Multi RAE cgi

CALIBRATION(S) PERFORMED Yes, Isobutylene, H_2S, CO, O_2, LEL

INSTRUMENT PROBLEMS/REMEDIES No

SAMPLES COLLECTED* see attached C-O-C

SAMPLE COLLECTION METHOD(S)

split spoon Auger

QUALITY CONTROL SAMPLES* None today

ADDITIONAL REMARKS

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE, AND SAMPLE I.D. NUMBERS.

SIGNATURE: [illegible]

C:\11-VIC~1\FIELDF~1\QCRPT.FRM

GPL LABORATORIES, LLLP

202 [illegible] Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

EARTH TECH

Project:	CWM - Vickery
Client:	CWM - Vickery Ohio
Send Results To:	Manuel Bedard
Address:	412 Lincoln Hwy
	Fairless Hills, PA 19030
Phone:	215-269-2146

Turnaround Time	STD	STD	STD
# of Containers	3	1	1
Container Type	[illegible]	[illegible]	[illegible]
Preservative Used	[illegible]	[illegible]	[illegible]
Type of Analysis	VOC's	SVOC's (Hexane)	Metals, PCB, Sulfide

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC's	SVOC's (Hexane)	Metals, PCB	Sulfide							Lab Cooler No.	CLIENT COMMENTS
SH4-SL-GNA1-01	3/18/99	1130	Soil	AMF	X	X	X									Appendix IX
SH4-SL-GNA1-02	3/18/99	1430	Soil	AMF	X	X	X									Samples

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
	3/12/99	[signature]			

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[signature]	3/18/99 1700				FEDEX [illegible]

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 3/17/99 REPORT NUMBER 2

PROJECT & LOCATION (Area of Concern H) Sediment Collection

WEATHER SUNNY TEMPERATURE RANGE 30°-55° WIND 10-20 mph (heavy)

EARTH TECH PERSONNEL ON SITE JG/JH/ARF TIME ON SITE 0700

SUMMARY OF SITE ACTIVITIES

Sediment Sampling at various locations both on site and off.

LEVEL OF HEALTH & SAFETY PROTECTION Hard Hat/safety glasses steel toed boots while on site.

INSTRUMENTATION USED None

CALIBRATION(S) PERFORMED N/A

INSTRUMENT PROBLEMS/REMEDIES N/A

SAMPLES COLLECTED*

See attached Chain-of-Custody

SAMPLE COLLECTION METHOD(S)

Encore for VOCs - due to sample moisture content Encores could not be Used directly in stream bed.

Composite for other parameters

Stainless steel ladel to collect sediment samples

QUALITY CONTROL SAMPLES*

See attached Chain-of-Custody

ADDITIONAL REMARKS

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE: [signature]

GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

Project: CWM - Vickery, OHIO
Client: CWM - Vickery
Send Results To: Michael Bickard
Address: 412 Lincoln Hwy
Fairless Hills PA 19030
Phone: (215) 269-2146

Turnaround Time	STD	STD	STD	STD
# of Containers	3	1	1	2
Container Type	Encore	8oz Glass	8oz Glass	Encore
Preservative Used	None	None	None	None
Type of Analysis	VOC's	SVOC's, PCB Pesticides, Herbicides	Metals, CN Sulfide	VOC's

Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOC's	SVOC's, PCB Pesticides, Herbicides	Metals, CN Sulfide	VOC's							CLIENT COMMENTS
~~Action~~															Appendix IX
ACH:SD:SD01-01	3/17/99	815	Sediment	JH	X	X	X								For Methods
ACH:SD:SD02-01	3/17/99	900	Sediment	JH	X	X	X								
ACH:SD:SD03-01	3/17	930	Sediment	JH	X	X	X								VOC's grab samples
ACH:SD:SD04-01	3/17	1020	Sediment	JH	X	X	X								All others
ACH:SD:SD05-01	3/17	1045	Sediment	JH	X	X	X								Composites
ACH:SD:SD05-01-FD	3/17/99	1045	Sediment	JH	X	X	X								
ACH:SD:SD05-01-MS	3/17	1045	Sediment	JH		X	X	X							
ACH:SD:SD05-01-MD	3/17	1045	Sediment	JH		X	X	X							
ACH:SD:SD06-01	3/17	1145	Sediment	JH											

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	3/18/99	[signature]			

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[signature]	3/17/99 1730				

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPL LABORATORIES, LLLP

202 Pe[illegible] Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

EARTH TECH

Project: CWM- Vickery OH
Client: CWM Vickery OH
Send Results To: Michael Bedard
Address: 412 Lincoln Hwy
Fairless Hills PA 19030
Phone: 5-3-2692142

Turnaround Time	STD	STD	STD
# of Containers	3	1	1
Container Type	Fa[illegible]	802 [illegible]	802 [illegible]
Preservative Used	[illegible]	None	None
Type of Analysis	Voc's	[illegible]	Metals Grande Sulfur

Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Voc's	[illegible]	Metals Grande Sulfur								CLIENT COMMENTS
ACH:SD:SD07-01	3/17	1230	Sediment	JH	X	X	X								Appendix IX
ACH:SD:SD08-01	3/17	1245	Sediment	JH	X	X	X								
ACH:SD:SD09-01	3/17	~~[illegible]~~ 1300	Sediment	JH	X	X	X								
ACH:SD:SD10-01	3/17	1350	Sediment	JH	X	X	X								Use grab samples
ACH:SD:SD11-01	3/17	1425	Sediment	JH	X	X	X								All others are composite

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
	3/18/99	[signature]			

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[signature]	3/17/99 ~~1230~~ 1730				

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

EARTH TECH
A tyco INTERNATIONAL LTD. COMPANY

DAILY QUALITY CONTROL REPORT

JOB NUMBER 33976 DATE 3/15/99 REPORT NUMBER 1

PROJECT & LOCATION SWMU 14 / Preperation

WEATHER SUNNY 40°F TEMPERATURE RANGE 28° - 40° WIND

EARTH TECH PERSONNEL ON SITE ARF / JG / JH TIME ON SITE 0630

SUMMARY OF SITE ACTIVITIES PREP TO DRILL / RECON / DECON
REPAIR STEAM CLEANER / REPLACE WATER TANK FOR DECON WATER

LEVEL OF HEALTH & SAFETY PROTECTION AM - NONE OFFICE WORK PM - HARD HATS / STEEL TOE BOOTS / EYE PROTECTION WHEN ON SITE IN PM

INSTRUMENTATION USED MICROTIP MP-1000
MultiRAE

CALIBRATION(S) PERFORMED EACH CALIBRATED IN AM (SEE CALIB. LOG)
NEITHER USED TODAY - NO DRILLING OR SAMPLING.

INSTRUMENT PROBLEMS/REMEDIES N/A

SAMPLES COLLECTED* NONE

SAMPLE COLLECTION METHOD(S) N/A

QUALITY CONTROL SAMPLES* N/A

ADDITIONAL REMARKS Contractors on site: Kusmer surveyors (2) surveying SWMU 12+13
BONSER - MORNER ~~SURVE~~ (TH) DRILLERS (3)

* INDICATE SAMPLE MEDIA: GROUND WATER, SURFACE WATER, SOIL OR SEDIMENT; SAMPLE TYPE: COMPOSITE, GRAB, SPLIT, DUPLICATE, RINSATE; AND SAMPLE I.D. NUMBERS.

SIGNATURE: [signature]

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EARTH TECH

EQUIPMENT CALIBRATION LOG

FILE NO.

PROJECT: Vickery Phase I RFI
LOCATION: Vickery, Ohio

DATE	Calibrated by	Meter	Model	Calibration gas	Initial Reading	Final Reading	Adjustments	Comments
3/15/99	JG	MicroTip	MP-1000	Isobutylene	100 ppm	0.0 ppm	N/A	—
3/15/98	JG	Multi RAE	—	Isobutylene	100 ppm	0.0 ppm	N/A	—
" "	JG	" "	—	Hydrogen Sulfide	25 ppm	0.0 ppm	N/A	—
" "	JG	" "	—	Carbon Monoxide	50 ppm	0.0 ppm	N/A	—
" "	JG	" "	—	Methane	2.5%	0.0 ppm	N/A	—
" "	JG	" "	—	Nitrogen	Balance	—	N/A	—
3/16/99	JG	MicroTip	MP-1000	Isobutylene	100 ppm	0.0 ppm	N/A	—
3/16/99	JG	Multi RAE	—	Isobutylene	100 ppm	0.0 ppm	N/A	—
" "	JG	" "	—	Hydrogen Sulfide	25 ppm	0.0 ppm	N/A	—
" "	JG	" "	—	Carbon Monoxide	50 ppm	0.0 ppm	N/A	—
" "	JG	" "	—	Methane	2.5%	0%	N/A	—
3/18/99	JG	MicroTip	MP-1000	Isobutylene	100 ppm	0.0 ppm	N/A	—
3/18/99	JG	Multi RAE	—	Isobutylene	100 ppm	0.0 ppm	N/A	—
" "	JG	" "	—	Hydrogen Sulfide	25 ppm	0.0 ppm	N/A	—
" "	JG	" "	—	Carbon Monoxide	50 ppm	0.0 ppm	N/A	—
" "	JG	" "	—	Methane	2.5%	0.0 ppm	N/A	—
3/19/99	JG	MicroTip	MP-1000	Isobutylene	100 ppm	0.0 ppm	N/A	—
3/19/99	JG	Multi RAE		Isobutylene	100 ppm	0.0 ppm	N/A	—
" "	JG	" "		Hydrogen Sul.	25 ppm	0.0 ppm	N/A	—
" "	JG	" "		CO	50 ppm	0.0 ppm	N/A	—
" "	JG	" "		Methane	2.5%	0.0 ppm	N/A	—
3/22/99	JG	MicroTip	MP-1000	Isobutylene	100 ppm	0.0 ppm	N/A	—
3/22/99	JG	Multi RAE	—	Isobutylene	100 ppm	0.0 ppm	N/A	—
" "	JG	" "	—	Hydrogen Sulfide	25 ppm	0.0 ppm	N/A	—
" "	JG	" "	—	CO	50 ppm	0.0 ppm	N/A	—
" "	JG	" "	—	Methane	2.5%	0.0 ppm	N/A	—
3/22/99	ARF	Micro Tip	MP-1000	Isobutylene	100.0 ppm	0.0 ppm	N/A	—
0740 3/23/99	JG	MicroTip	MP-1000	Isobutylene	100.0 ppm	0.0 ppm	N/A	—
3/23/99	JG	Multi RAE	—	Isobutylene	100.0 ppm	0.0 ppm	N/A	—
" "	JG	" "	—	Hydrogen Sulfide	25 ppm	0.0 ppm	N/A	—
" "	JG	" "	—	CO	50 ppm	0.0 ppm	N/A	—
" "	JG	" "	—	Methane	2.5%	0.0 ppm	N/A	—
1515 3/23/99	ARF	Multi RAE	—	H_2S	24 ppm	0.0 ppm	N/A	—
"	ARF	"		CO	50 ppm	0.0 ppm	N/A	—
"	ARF	"		Methane	2.5%	0.0 ppm	N/A	—
"	ARF	"		Isobutylene	100 ppm	0.0 ppm	N/A	—

EARTH TECH

EQUIPMENT CALIBRATION LOG

FILE NO.

PROJECT: Vickery Phase I RFI
LOCATION: Vickery, Ohio

DATE	Calibrated by	Meter	Model	Calibration gas	Initial Reading	Final Reading	Adjustments	Comments
1515 3/23/99	JG	microtip	MP1000	Isobutylene	100ppm	0.0ppm	N/A	—
3/24/99	JG	Microtip	MP1000	Isobutylene	100ppm	0.0 ppm	N/A	—
3/24/99	JG	Multi RAE	—	Isobutylene	100ppm	0.0ppm	N/A	—
" "	JG	" "	—	Hydrogen Sulfide	24ppm	0.0 ppm	N/A	—
" "	JG	" "	—	CO	49 ppm	0.0 ppm	N/A	—
" "	JG	" "	—	Methane	2.5%	0.0ppm	N/A	—
1235 3/24/99	JG	Microtip	MP1000	Isobutylene	100ppm	0.0ppm	N/A	—
1235 3/24/99	JG	Multi RAE	—	Isobutylene	99.8ppm	0.0ppm	N/A	—
0705 3/25/99	JG	Microtip	MP1000	Isobutylene	100ppm	0.0ppm	N/A	—
3/25/99	JG	Mult. RAE	—	Isobutylene	100ppm	0.0ppm	N/A	—
" "	JG	" "	—	Hydrogen Sulfide	25ppm	0.0 ppm	N/A	—
" "	JG	" "	—	CO	50ppm	0.0ppm	N/A	—
" "	JG	" "	—	Methane	2.5%	0.0ppm	N/A	—
1300 3/25/99	ARF	microtip	MP1000	Isobutylene	99.9	0.0ppm	N/A	Gas cylinder @ 400 psi
"	"	multi RAE	—	Isobutylene	100ppm	0.0 ppm	N/A	
3/25/99	ARF	"	—	methane	2.5%	0	N/A	
"	"	"	—	CO	49ppm	0	N/A	250 psi cal gas
"	"	"		H_2S	24ppm	0	N/A	
0715 3/26/99	JG	Microtip	MP1000	Isobutylene	100ppm	0	N/A	390 psi
0715 3/26/99	JG	Multi RAE	—	Isobutylene	100ppm	0	N/A	390 psi
" "	JG	" "	—	Hydrogen Sulfide	25ppm	0	N/A	240 psi
" "	JG	" "	—	CO	50ppm	0	N/A	240 psi
" "	JG	" "	—	Methane	2.5%	0	N/A	240 psi
1005 3/26/99	ARF	Microtip	MP1000	Isobutylene	99.1 ppm	0	99.1 ppm	390 psi
"	ARF	multi RAE	—	methane	2.5%	0.0	N/A	240 psi
"	"	"	—	CO	49ppm	0.0	N/A	"
"	"	"	—	H_2S	24ppm	0.0	N/A	"
3/26/99	"	"	—	Isobutylene	99.8ppm	0.0	N/A	"

EARTH TECH

EQUIPMENT CALIBRATION LOG

FILE NO.

PROJECT: Vickery Phase I RFI
LOCATION: Vickery, Ohio

	DATE	Calibrated by	Meter	Model	Calibration gas	Initial Reading	Final Reading	Adjustments	Comments
0745	3/29/99	JG	MicroTip	MP1000	Isobutylene	100 ppm	0.0 ppm	N/A	BATT. 8.26 PRES. 250
	3/29/99	JG	Mult. RAE	–	Isobutylene	100 ppm	0.0 ppm	N/A	BATT. 5.1 PRES. 250
	" "	JG	" "	–	Hydrogen Sulfide	25 ppm		N/A	PRES 250
	" "	JG	" "	–	CO	50 ppm		N/A	" "
	" "	JG	" "	–	Methane	2.5%		N/A	" "
1840	3/29/99	ARF	MICROTIP	MP1000	Isobutylene	100 ppm	0.0	N/A	250 psi 8.03 V battery
	"	ARF	multirae	–	Isobutylene	100 ppm	0.0	N/A	200 psi 4.7 V battery
	"	ARF	"		H_2S	25 ppm	0.0	N/A	250 psi
	"	ARF	"		CO	50 ppm	0.0	N/A	250 psi
	3/29	ARF	"		CH_4	2.5%	0.0	N/A	250 psi
1130	3/30/99	JG	MicroTip	MP-1000	Isobutylene	99.8	0.0	N/A	240 psi 8.26 V
1130	3/30/99	JG	Multi RAE	–	Isobutylene	100	0.0	N/A	240 psi 5.5 V
	" "	JG	" "	–	Hydrogen Sulfide	25 ppm	0.0	N/A	240 psi
	" "	JG	" "	–	CO	50 ppm	0.0	N/A	240 psi
	" "	JG	" "	–	METHANE	2.5%	0.0	N/A	240 psi
5	3/31/99	JG	MicroTip	MP1000	Isobutylene	100 ppm	0.0	N/A	220 psi, BATT. 8.20
10	3/31/99	JG	Mult. RAE	–	Isobutylene	100 ppm	0.0	N/A	220 psi Battery
	" "	JG	" "	–	Hydrogen Sulfide	25 ppm	0.0	N/A	220 psi
	" "	JG	" "	–	CO	50 ppm	0.0	N/A	220 psi
	" "	JG	" "	–	Methane	2.5%	0.0	N/A	220 psi
1240	3/31/99	JG	MicroTip	MP1000	Isobutylene	100 ppm	0.0	N/A	210 psi 7.93 V
1240	3/31/99	JG	Mult. RAE	–	Isobutylene	100 ppm	0.0	N/A	210 psi 4.7 V
	" "	JG	" "	–	Hydrogen Sulfide	25 ppm	0.0	N/A	210 psi
	" "	JG	" "	–	CO	50 ppm	0.0	N/A	210 psi
	" "	JG	" "	–	Methane	2.5%	0.0	N/A	210 psi
0905	4/1/99	ARF	MICROTIP	MP1000	Isobutylene	96 ppm	.4 ppm	N/A	210 psi Battery 8.2 V
	4/1/99	ARF	multirae	–	Isobutylene	99.7 ppm	0.0	N/A	210 psi Battery 5.3 V
	"	ARF	"	–	Methane	50 ppm	0.0	N/A	200 psi
	"	"	"	–	H_2S	25 ppm	0.0	N/A	200 psi
	4/1/99	ARF	multirae	–	CO	50 ppm	0.0	N/A	200 psi
0900	4/5/99	JG	MicroTip	MP1000	Isobutylene	100 ppm	0.0	N/A	190 psi BATT. 8.07
0900	4/5/99	JG	Mult. RAE	–	Isobutylene	100 ppm	0.0	N/A	190 psi BATT. 5.2 V
	"	JG	" "	–	Hydrogen Sulfide	25 ppm	0.0	N/A	150 psi
	"	JG	" "	–	CO	50 ppm	0.0	N/A	150 psi
	"	JG	" "	–	Methane	2.5%	0.0	N/A	150 psi
	4/5/99	JG	HNU	PI 101	Isobutylene	100.0	00	NA	180 psi Following E

EARTH TECH

EQUIPMENT CALIBRATION LOG

FILE NO.

PROJECT: Vickery Phase I RFI
LOCATION: Vickery, Ohio

	DATE	Calibrated by	Meter	Model	Calibration gas	Initial Reading	Final Reading	Adjustments	Comments	
920	4/6/99	JG	HNu	PI 101	Isobutylene	100 ppm	0.0	N/A	270 psi	Full Batt.
	4/6/99	JG	MicroTip	MP1000	Isobutylene	100 ppm	0.0	N/A	270 psi	8.27v
	4/6/99	JG	Multi RAE	–	Isobutylene	100 ppm	0.0	N/A	270 psi	5.6v
	"	JG	" "	–	Hydrogen Sulfide	25	0.0	NA	110 psi	
	"	JG	" "	–	CO	50	0.0	NA	110 psi	
	"	JG	" "	–	Methane	2.5	0.0	NA	110 psi	
710	4/7/99	JG	HNu	PI 101	Isobutylene	100	0.0	N/A	260 psi	Full
	4/7/99	JG	MicroTip	MP1000	Isobutylene	100	0.0	N/A	260 psi	8.22v
	4/7/99	JG	Multi RAE	–	Isobutylene	100	0.0	N/A	260 psi	5.1v
	"	JG	" "		Hydrogen Sulfide	25	0.0	N/A	105 psi	
	"	JG	" "		CO	50	0.0	N/A	105 psi	
	"	JG	" "		Methane	2.5	0.0	N/A	105 psi	
745	4/8/99	JG	HNu	PI 101	Isobutylene	100 ppm	0.0	N/A	250 psi	Full Batt.
	4/8/99	JG	MicroTip	MP1100	Isobutylene	100 ppm	0.0	N/A	250 psi	8.25v
	4/8/99	JG	Multi RAE	–	Isobutylene	100 ppm	0.0	N/A	250 psi	5.1v
	"	JG	" "	–	Hydrogen Sulfide	25 ppm	0.0	N/A	100 psi	
	"	JG	" "	–	CO	50 ppm	0.0	N/A	100 psi	
	"	JG	" "	–	Methane	2.5%	0.0	N/A	100 psi	
1145	4/8/99	ARF	microTip	MP1000	Isobutylene	100 ppm	0.0		250 psi	Battery 8.12v
	"	ARF	multirae	—	Isobutylene	99.7	0.0		250 psi	4.7v
	"	ARF	"	—	H_2S	24	0.0		100 psi	
	"	"	"	—	CO	49	0.0		100 psi	
	4/8/99	ARF	Multirae	—	Methane	OHAT	0.0		100 psi	
0730	4/12/99	JG	MicroTip	MP1100	Isobutylene	100	0.0		140 psi	8.22v
	4/12/99	JG	HNu	PI 101	Isobutylene	100	0.0		140	Full Batt.
	4/12/99	JG	Multi RAE	–	Isobutylene	100	0.0		140 psi	5.1v
		JG	" "	–	Hydrogen Sulfide	~~50~~ 25	0.0		50 psi	
		JG	" "	–	CO	50	0.0		50 psi	
		JG	" "	–	Methane	2.5	0.0		50 psi	
1330	4/12	ARF	HNU	PI 101	Isobutylene	98 ppm	0.0	adjusted 2 ppm	120 psi	Full battery
	"	"	multirae	—	Isobutylene	100 ppm			120 psi	5.1 V
	"	"	"	—	H_2S	25 ppm			50 psi	
	"	"	"	—	CO	51 ppm			50 psi	
	4/12	ARF	"	—	Methane	25 ppm			50 psi	
	4/12	ARF	microtip	MP-1000	Isobutylene	100 ppm	0.0		120 psi	8.2 V

EARTH TECH

EQUIPMENT CALIBRATION LOG

FILE NO.

PROJECT: Vickery Phase I RFI
LOCATION: Vickery, Ohio

	DATE	Calibrated by	Meter	Model	Calibration gas	Initial Reading	Final Reading	Adjustments	Comments	
715	4/13/99	JG	MICROTIP	MP1000	Isobutylene	100	0.0	N/A	100psi	8.19v
	4/13/99	JG	HNU	PL101	Isobutylene	100	0.0	N/A	100psi	Full Batt.
	4/13/99	JG	MultiRae	-	Isobutylene	100	0.0	N/A	100psi	5.1v
	" "	JG	" "	-	Hydrogen Sulfide	25	0.0	N/A		
	" "	JG	" "	-	CO	50	0.0	N/A		
	" "	JG	" "	-	Methane	2.5%	0.0	N/A		
1230	4/13/99	AAF	HNU	PL101	Isobutylene	100	0.0	N/A	100 psi	Full Battery
	4/13/99	AAF	multirae	—	Isobutylene	100	0.0	N/A	100 psi	4.8v
	"	AAF	"	-	H_2S	25	0.0			
	"	AAF	"	-	CO	49	0.0			
	4/13/99	AAF	Multirae	-	CH_4	25	0.0			
0720	4/14/99	JG	MICROTIP	MP1000	Isobutylene	100	0.0	N/A	90 psi	8.48v
	4/14/99	JG	HNU	PL101	Isobutylene	100	0.0	N/A	90psi	Full Batt.
	4/14/99	JG	MultiRae	—	Isobutylene	100	0.0	N/A	90 psi	5.1v
	" "	JG	" "	-	Hydrogen Sulfide	25	0.0	N/A	490 psi	
	" "	JG	" "	-	CO	50	0.0	N/A	490 psi	
	" "	JG	" "	-	Methane	2.5%	0.0	N/A	490 psi	
1300	4/14/99	AAF	MICROTIP	MP1000	Isobutylene	100 ppm	0.0	N/A	70 psi	8.03v
0715	4/15/99	AAF	MICROTIP	MP1000	Isobutylene	99.7	0.0	N/A	70 psi	8.26v
	"	AAF	multirae	—	Isobutylene	99.9	0.0	N/A	70 psi	5.1v
	"	AAF	"	—	H_2S	25		N/A	490 psi	
	"	AAF	"	—	CO	51		N/A	490 psi	
	4/15/99	AAF	"	—	Methane	41 ppm		N/A	490 psi	
0730	4/19/99	JG	MicroTip	MP1000	Isobut.	100.0	0.0	N/A	50psi	8.26v
	4/19/99	JG	MultiRae	-	Isobut.	100.0	0.0	N/A	50psi	5.2v
	"	JG	" "	-	Hydrogen Sulfide	25.0	0.0	N/A	480psi	
	"	JG	" "	-	CO	50.0	0.0	N/A	480 psi	
	"	JG	" "	—	Methane	2.5%	0.0	N/A	480psi	
1120	4/19/99	AAF	microtip	MP1000	~~Methane~~ Isobutylene	100	0.0		50 psi	8.04v
	4/19/99	AAF	multirae	—	Isobutylene	100 ppm	0.0		50 psi	~~8.04v~~
	4/19/99	AAF	"	—	H_2S	25 ppm	0.0		480 psi	4.7v
	4/19/99	AAF	"	—	CO	50 ppm	0.0		480 psi	
	4/19/99	AAF	"	—	Methane			3 trys to calibrate LEL	480 psi	
						AAF				
						AAF				

Charged calibration gas for multirae quad GAS

EARTH TECH

EQUIPMENT CALIBRATION LOG

FILE NO.

PROJECT: Vickery Phase I RFI
LOCATION: Vickery, Ohio

	DATE	Calibrated by	Meter	Model	Calibration gas	Initial Reading	Final Reading	Adjustments	Comments	
0730	4/20/99	AMF	Microtip	MP1000	Isobutylene	100 ppm	0.0	N/A	500 psi	8.18 ✓
	4/20/99	AMF	multirae	—	Isobutylene	100	0.0	N/A	500 psi	5.2 ✓
	4/20/99	AMF	"		H_2S	24 ppm	0.0	N/A	400 psi	
	"	AMF	"		CO	50 ppm	0.0	N/A	400 psi	
	4/20/99	AMF	Multirae	—	Methane	50 ppm	0.0	LEL SPAN GAS ERROR –	400 psi	
	4/20/99	AMF	HNU	PI101	Isobutylene	98 ppm	0.0	N/A	500 psi	Full chg
1140	4/20/99	AMF	microtip	MP1000	Isobutylene	100 ppm	0.0	N/A	500 psi	7.82 ✓
	4/20/99	AMF	multirae	~~[illegible]~~ AMF	Isobutylene	100 ppm	0.0	N/A	500 psi	4.7 ✓
	4/20/99	AMF	"	—	CO	50 ppm	0.0	N/A	400 psi	
	4/20/99	AMF	"	—	H_2S	24 ppm	0.0	N/A	400 psi	
	4/20/99	AMF	"	—	Methane	50 ppm	0.0	LEL SPAN GAS ERROR	400 psi	
0725	4/21/99	AMF	microtip	MP1000	Isobutylene	100 ppm	0.0	N/A	460 psi	8.22 ✓
	"	AMF	multirae	—	Isobutylene	100 ppm	0.0	N/A	460 psi	5.1 ✓
	"	AMF	"	—	H_2S	25 ppm	0.0	N/A	300 psi	
	"	AMF	"	—	CO	50 ppm	0.0	N/A	300 psi	
	4/21/99	AMF	multirae	—	Methane	50 ppm	0.0	LEL SPAN GAS ERROR / cleared OKAY	300 psi	
10	4/21/99	AMF	microtip	MP1000	Isobutylene	100 ppm	0.0	N/A	460 psi	7.80 ✓
	"	AMF	multirae	—	Isobutylene	100 ppm	0.0	N/A	460 psi	4.7 ✓
	"	AMF	"	—	H_2S	25 ppm	0.0	N/A	300 psi	
	4/21/99	AMF	"	—	CO	50 ppm	0.0	N/A	300 psi	
	4/21/99	AMF	multirae	—	Methane	50 ppm	0.0	LEL SPAN GAS Error cleared / OKAY	300 psi	
0730	4/22/99	AMF	microtip	MP1000	~~Methane~~ Isobutylene	100 ppm	0.0	N/A	380 psi	8.16 ✓
	4/22/99	AMF	multirae	—	Isobutylene	100 ppm	0.0	N/A	38 psi	5.5 ✓
	"	AMF	"	—	H_2S	25	0.0	N/A	430 psi	
	"	AMF	"	—	CO	50	0.0	N/A	430 psi	
	4/22/99	AMF	multirae	—	Methane	50 ppm	0.0	SPAN GAS ERROR Calibrate / OKAY	430 psi	
1200	4/22/99	AMF	microtip	MP1000	Isobutylene	100 ppm	0.0	N/A	380 psi	7.97 ✓
	4/22/99	AMF	multirae	—	Isobutylene	100 ppm	0.0	N/A	380 psi	
	"	AMF	"	—	H_2S	25 ppm	0.0	N/A	430 psi	
	"	AMF	"	—	CO	50 ppm	0.0	N/A	430 psi	
	4/22/99	AMF	multirae	—	Methane	50 ppm	0.0	SPAN GAS error Cal OKAY	430 psi	
730	4/26/99	JC	MICROTIP	MP1000	Isobut.	100 ppm	0.0	N/A	350 psi	8.16 ✓
	4/26/99	JC	MULTIRAE	—	Isobut.	100 ppm	0.0	N/A	350 psi	
	"	JC	" "		H_2S	24	0.0	N/A	300 psi	
	"	JC	" "		CO	50	0.0	N/A	300 psi	
	"	JC	" "		Methane	–	–	SPAN GAS ERROR	300 psi	

EARTH TECH

EQUIPMENT CALIBRATION LOG

FILE NO.

PROJECT: Vickery Phase I RFI
LOCATION: Vickery, Ohio

	DATE	Calibrated by	Meter	Model	Calibration gas	Initial Reading	Final Reading	Adjustments	Comments
@1205	4/26/99	AMF	microtip	MP1000	Isobutylene	99.8 ppm	0.0	N/A	350psi 7.98V
	"	AMF	multirae	—	Isobutylene	100 ppm	0.0	N/A	350psi 5.1V
	"	AMF	"	—	H_2S	24 ppm	0.0	N/A	300psi
	"	AMF	"	—	CO	50 ppm	0.0	N/A	300psi
	4/26/99	AMF	multirae	—	methane	50 ppm	0.0	Span gas Error	300psi
0720	4/27/99	AMF	microtip	MP1000	Isobutylene	100 ppm	0.0	N/A	350psi 8.24V
	"	AMF	multirae	—	Isobutylene	99.9	0.0	N/A	350psi 5.5V
	"	AMF	"	—	~~Isobutylene~~ H_2S	25 ppm	0.0	N/A	300psi
	"	AMF	"	—	CO	50 ppm	0.0	N/A	300psi
	4/27/99	AMF	multirae	—	methane	50 ppm	0.0	~~N/A~~ LEL span gas Error	300psi
	4/27/99	AMF	HNU	PI101	Isobutylene	100 ppm	0.0	N/A	350psi Full charge Battery
@1145	4/27/99	AMF	microtip	MP1000	Isobutylene	100 ppm	0.0	N/A	350psi 7.84V
	4/27/99	AMF	HNU	PI101	Isobutylene	100 ppm	0.0	N/A	350psi Battery only
	4/27/99	AMF	multirae	—	Isobutylene	100 ppm	0.0	N/A	350psi 4.8V
		AMF	"	—	H_2S	25 ppm	0.0	N/A	300psi
		AMF	"	—	CO	50 ppm	0.0	N/A	300psi
	4/27/99	AMF	multirae	—	methane	50 ppm	0.0	LEL span gas Error	300psi
730	4/28/99	JC	MicroTip	MP1000	Isobut.	100 ppm	0.0	N/A	290psi 8.16V
	4/28/99	JC	HNU	PI 101	Isobut.	100 ppm	0.0	N/A	290psi Full Batt
	4/28/99	JC	Multi Rae	—	Isobut.	100 ppm	0.0	N/A	290psi 5.1V
	"	JC	" "	—	H_2S	24	0.0	N/A	260psi
	"	JC	" "	—	CO	49	0.0	N/A	260psi
	"	JC	" "	—	Methane	—	0.0	Span gas Error	260psi
1315	4/28/99	AMF	HNU	PI101	Isobutylene	100 ppm	0.0	N/A	290psi Full Charge
	4/28/99	AMF	microtip	MP1000	Isobutylene	100 ppm	0.0	N/A	290psi 7.87V
	"	AMF	multirae	—	Isobutylene	100 ppm	0.0	N/A	290psi
	"	AMF	"	—	H_2S	24 ppm	0.0	N/A	260psi
	"	AMF	"	—	CO	50 ppm	0.0	N/A	260psi
	4/28/99	AMF	multirae	—	methane	50 ppm	0.0	LEL span gas Error	260psi

EARTH TECH

HEADSPACE ANALYSES

JOB NUMBER: 33976

PROJECT: Vickery Phase I RFI
CLIENT: WM of Ohio
LOCATION: Vickery, Ohio
INSTRUMENT USED:

DATE SAMPLED: 4/12/99
DATE ANALYZED:
ANALYST:

EXPLORATION NUMBER	SAMPLE NUMBER	DEPTH (FT)	SAMPLE TYPE	SAMPLE READING (PPM) **	BACKGROUND READING (PPM) **	AMBIENT AIR TEMP (F)	REMARKS **
S06:SL:SL01	01	0-2'	GRAB	0.0	0.0	40's	
" "	02	2-4'	GRAB	71.0	0.0	40's	
" "	03	4-6	GRAB	-	-	"	NO RECOVERY
" "	04	6-8	GRAB	300	0.0	"	SAMPLE TAKEN
" "	05	8-10	GRAB	132	0.0	"	
" "	06	10-12	GRAB	48.0	10.0	"	
" "	07	12-14	GRAB	152.0	0.0	"	
" "	08	14-16'	GRAB	14.0	10.2	"	
S09:SL:SL01	01	0-2'	GRAB	0.0	0.0	40's	
" "	02	2-4'	GRAB	0.0	0.0	"	
" "	03	4-6'	GRAB	0.0	0.0	"	
" "	04	6-8'	GRAB	1.0	0.0	"	
" "	05	8-10'	GRAB	200	0.0	"	SAMPLE TAKEN
" "	06	10-12'	GRAB	140	0.0	"	
" "	07	12-14'	GRAB	15.6	0.0	"	
S09:SL:SL01	08	14'-16'	Grab	17.0	0.0	"	
S09:SL:SL01	09	16'-18	GRAB	0.0	0.0	"	
S09:SL:SL02	01	0-2'	GRAB	0.0	0.0	"	
" "	02	2-4'	GRAB	30.0	0.0	"	
" "	03	4-6'	GRAB	0.0	0.0	"	
" "	04	6-8'	GRAB	32.0	0.0	"	
" "	05	8-10'	GRAB	56.0	0.0	"	
" "	06	10-12'	GRAB	110.0	0.0	"	
" "	07	12-14'	GRAB	110.0	0.0	"	
" "	08	14-16'	GRAB	600	0.0	"	
" "	09	16-18'	GRAB	90.0	0.0	"	
" "	10	18-20'	GRAB	162.0	0.0	"	SAMPLE TAKEN
" "	11	20-22	GRAB	44.0	0.0		SAMPLE TAKEN (NATIVE CONT.)
" "	12	22'-24	GRAB	0.0	0.0	"	SAMPLE TAKEN (NATIVE CLAY)

** PPM represents a concentration of detectable volatile and gaseous compounds in parts per million of air.

** Indicate time elasped from sampling or removing samples from cooler.

EARTH TECH

HEADSPACE ANALYSES

JOB NUMBER: 33976

PROJECT: Vickery Phase I RFI
CLIENT: WM of Ohio
LOCATION: Vickery, Ohio
INSTRUMENT USED: HNU (PL 101)

DATE SAMPLED: 4/7/99
DATE ANALYZED:
ANALYST:

EXPLORATION NUMBER	SAMPLE NUMBER	DEPTH (FT)	SAMPLE TYPE	SAMPLE READING (PPM) **	BACKGROUND READING (PPM) **	AMBIENT AIR TEMP (F)	REMARKS **
S23:SL:SL03	01	10-12'	GRAB	0.0	0.0	50°'s	
S23:SL:SL03	02	12-14'	GRAB	0.0	0.0	50°'s	
S23:SL:SL04	01	10-12'	GRAB	0.0	0.0	50°'s	
S23:SL:SL04	02	12-14'	GRAB	0.0	0.0	50°'s	
S44:SL:SL01	01	2'-4'	GRAB	0-8	0.0	50°'s	
S44:SL:SL01	02	4'-6'	GRAB	110 ppm	0-0	50°F	HNU Reading - Photovac Reading 236 ppm
S44:SL:SL01	03	6'-8'	GRAB	5 ppm	0.0	50°'s	
S44:SL:SL01	04	8-10'	GRAB	0.0	0.0	50°'s	
S43:SL:SL01	01	0-2'	GRAB	0.0	0.0	50°'s	
S43:SL:SL01	02	2-4'	GRAB	0.1	0.0	50°'s	
S43:SL:SL01	03	4-6'	GRAB	0.1	0.0	50°-60°'s	
S43:SL:SL01	04	6-8'	GRAB	6.8	0.0	50°-60°'s	
S43:SL:SL01	05	8-10'	GRAB	0.0	0.0	50°-60°'s	
S43:SL:SL02	01	0-2'	GRAB	0.0	0.0	50°-60°'s	
S43:SL:SL02	02	2-4'	GRAB	3.0	0.0	50-60°'s	WET SAMPLE
S43:SL:SL02	03	4-6'	GRAB	5.6	0.0	50°-60°'s	WET SAMPLE
S43:SL:SL02	04	6-8'	GRAB	0.0	0.0	50-60°'s	
S20:SL:SL01	01	7'-9'	Grab	3.0	0.0	60-70°'s	
S20:SL:SL01	02	9'-11'	Grab	0.0	0.0	60-70°'s	

** PPM represents a concentration of detectable volatile and gaseous compounds in parts per million of air.

** Indicate time elasped from sampling or removing samples from cooler.

EARTH TECH

HEADSPACE ANALYSES

JOB NUMBER: 33976

PROJECT: Vickery Phase I RFI
CLIENT: WM of Ohio
LOCATION: Vickery, Ohio
INSTRUMENT USED: (*) Photo-Vac MicroTip MP-1000 / HNU PI 101 (**)

DATE SAMPLED: 4/5/99
DATE ANALYZED:
ANALYST:

EXPLORATION NUMBER	SAMPLE NUMBER	DEPTH (FT)	SAMPLE TYPE	SAMPLE READING (PPM) **	BACKGROUND READING (PPM) **	AMBIENT AIR TEMP (F)	REMARKS **
S23:SL:SL01	01	10-12'	GRAB	0.0 *	0.0	40's	–
S23:SL:SL01	02	12'-14'	GRAB	0.0 *	0.0	40's	–
S45:SL:SL01	01	0'-2'	GRAB	1.3 *	0.5	40°	–
S45:SL:SL01	02	2'-4'	GRAB	3.8 *	0.5	40"	Moisture induced
S45:SL:SL01	03	4'-6'	GRAB	6.4 *	0.9	40"	" "
S45:SL:SL01	04	6'-8'	GRAB	1.8 *	0.5	40"	" "
S23:SL:SL02	01	10'-12'	GRAB	1.8 **	0.0	40's	
S23:SL:SL02	02	12'-14'	GRAB		0.0	40's	

** PPM represents a concentration of detectable volatile and gaseous compounds in parts per million of air.

** Indicate time elasped from sampling or removing samples from cooler.

EARTH TECH

HEADSPACE ANALYSES

JOB NUMBER: 33976

PROJECT: Vickery Phase I RFI
CLIENT: WM of Ohio
LOCATION: Vickery, Ohio
INSTRUMENT USED:

DATE SAMPLED: 4/13/99
DATE ANALYZED:
ANALYST:

EXPLORATION NUMBER	SAMPLE NUMBER	DEPTH (FT)	SAMPLE TYPE	SAMPLE READING (PPM) **	BACKGROUND READING (PPM) **	AMBIENT AIR TEMP (F)	REMARKS **
519:SL:3L01	01	0-2'	GRAB	0.0	0.0	40°F	—
" "	02	2-4'	GRAB	5.0	0.0	"	
" "	03	4-6'	GRAB	20.0	0.0	"	SAMPLE TAKEN
" "	04	6-8'	GRAB	8.2	0.0	"	NATIVE CLAY (WET)
" "	05	8-10'	GRAB	6.0	0.4	"	" "
" "	06	10-12'	GRAB	9.8	0.8	"	" "
" "	07	12-14'	GRAB			"	" "
506:SL:SL02	01	0-2'	GRAB	0.0	0.0	50°F	CONCRETE @ 2'
	02	3-5'	GRAB	0.4	0.0	"	
	03	5-7'	GRAB	0.0	0.0	"	
	04	7-9'	GRAB	0.0	0.0	"	
	05	9-11'	GRAB	0.0	0.0	"	
	06	11-13'	GRAB	12.0	0.0	"	SAMPLE TAKEN
	07	13-15	GRAB	5.0	0.0	"	

** PPM represents a concentration of detectable volatile and gaseous compounds in parts per million of air.

** Indicate time elasped from sampling or removing samples from cooler.

H. C. NUTTING COMPANY

SOIL SAMPLE TEST REQUEST RECORD

PROJECT NAME/CLIENT: Earth Tech

PROJECT No: 33976

PROJECT MANAGER: Mike Bedard

PROJECT LOCATION: CWM-Vickery

SITE PHONE No.: (215) 269-2142

DATE SENT: 4/30/99

FAX PHONE No.: (215) 269-2171

DATE RECEIVED:

SAMPLED BY: Andrea Frustaci

LAB CONTACT: Tim Goodall

DATE RESULTS REQUESTED: STND. TURNAROUND

SAMPLE No	DESCRIPTION/DATE/TIME		STANDARD PROCTOR ASTM D698	MODIFIED PROCTOR ASTM D1557	ATTERBERG LIMITS ASTM D4318	SIEVE ANALYSIS & ASTM D422 Hydrometer	WASH 200 ASTM D1140	MOISTURE CONTENT ASTM D2216	CLASSIFICATION ASTM D2488	RECOMPACTED PERM. ASTM D5084	FALLING HEAD PERM. ASTM D5084	CONSTANT HEAD ASTM D2434	CARB. CONTENT ASTM D3042	Total organic carbon	Soil pH	Cation Exchange Capacity		
S16: SL: SL01	4/27/99	—			X	X		X						X	X	X		
S19: SL: GNF1	4/14/99	1055			X	X		X						X	X	X		
S29: SL: SF04-01	3/31/99	1656			X	X		X						X	X	X		
S09: SL: GNF2-01	4/14/99	—			X	X		X						X	X	X		
S03: SL: SL02	4/27/99	—			X	X		X						X	X	X		
S16: SL: GNC7-01	4/20/99	—			X	X		X						X	X	X		
S27: SL: SF03-01	3/31/99	1454			X	X		X						X	X	X		

FOR COMPACTION TESTING 5 gallon. SAMPLE NEEDED
FOR CLASSIFICATION ONLY 2000 gm SAMPLE NEEDED
FOR CONSTANT HEAD PERM. 2000 gm (for sand), 5 gallon. (for gravel)

RECOMPACTION REQUIREMENTS:

COMPACTION _____ %

MOISTURE _____ OMC

OTHER INSTRUCTIONS:

11785 Highway Dr. Suite 100
Cincinnati, OH 45241
(513)-733-9374

PLOT DATE: 1/2/1999

H. C. NUTTING COMPANY

SOIL SAMPLE TEST REQUEST RECORD

PROJECT NAME/CLIENT: Earth Tech

PROJECT No: 33976

PROJECT MANAGER: Mike Bedard

PROJECT LOCATION: CWM - Vickery

SITE PHONE No.: (215) 269-2142

DATE SENT: 4/30/99

DATE RECEIVED:

FAX PHONE No.: (215) 269-2171

SAMPLED BY: Andrea Frustaci

LAB CONTACT: Tim Goodall

DATE RESULTS REQUESTED: Stnd. Turnaround

SAMPLE No	DESCRIPTION/DATE/TIME		STANDARD PROCTOR ASTM D698	MODIFIED PROCTOR ASTM D1557	ATTERBERG LIMITS ASTM D4318	SIEVE ANALYSIS & ASTM D422 Hydrometer	WASH 200 ASTM D1140	MOISTURE CONTENT ASTM D2216	CLASSIFICATION ASTM D2488	RECOMPACTED PERM. ASTM D5084	FALLING HEAD PERM. ASTM D5084	CONSTANT HEAD ASTM D2434	CARB. CONTENT ASTM D3042	Total organic carbon	Soil pH	Cation Exchange capacity		
S51:SL:SF01-01	3/31/99	1420			X	X		X						X	X	X		
S42:SL:SL01-Comp	4/15/99	1130			X	X		X						X	X	X		
ACH:SL:SF03-01	3/31/99	—			X	X		X						X	X	X		
S45:SL:SL01 Comp	4/15/99	—			X	X		X						X	X	X		
ACF:SL:SF02-01	4/1/99	1110			X	X		X						X	X	X		
ACH:SL:SF02-01	3/31/99	—			X	X		X						X	X	X		
S09:SF:GNF3-01	4/15/99	—			X	X		X						X	X	X		

FOR COMPACTION TESTING 5 gallon SAMPLE NEEDED
FOR CLASSIFICATION ONLY 2000 gm SAMPLE NEEDED
FOR CONSTANT HEAD PERM. 2000 gm (for sand), 5 gallon. (for gravel)

RECOMPACTION REQUIREMENTS:

COMPACTION _____ %

MOISTURE _____ OMC

OTHER INSTRUCTIONS:

11785 Highway Dr. Suite 100
Cincinnati, OH 45241
(513)-733-9374

PLOT DATE: 1/2/1999

H. C. NUTTING COMPANY

SOIL SAMPLE TEST REQUEST RECORD

PROJECT NAME/CLIENT: Earth Tech

PROJECT No: 33976

PROJECT MANAGER: Mike Beoard

PROJECT LOCATION: CWM-Vickery

SITE PHONE No.: (215) 269-2142

DATE SENT: 4/30/99

FAX PHONE No.: (215) 269-2171

DATE RECEIVED:

SAMPLED BY: Andrea Frustaci

LAB CONTACT: Tim Goodall

DATE RESULTS REQUESTED: STND. TURNAROUND

SAMPLE No	DESCRIPTION/DATE/TIME		STANDARD PROCTOR ASTM D698	MODIFIED PROCTOR ASTM D1557	ATTERBERG LIMITS ASTM D4318	SIEVE ANALYSIS & ASTM D422 Hydrometer	WASH 200 ASTM D1140	MOISTURE CONTENT ASTM D2216	CLASSIFICATION ASTM D2488	RECOMPACTED PERM. ASTM D5084	FALLING HEAD PERM. ASTM D5084	CONSTANT HEAD ASTM D2434	CARB. CONTENT ASTM D3042	TOTAL ORGANIC CARBON	Soil pH	CATION EXCHANGE CAPACITY		
S43: SL: SL01-GT	4/7/99	—			X	X		X						X	X	X		
S03: SL: SL01	4/27/99	—			X	X		X						X	X	X		
ACH: SL: SF03-01-DUP	3/31/99	—			X	X		X						X	X	X		
ACA: SL: SFH-01	4/1/99	0945			X	X		X						X	X	X		
S01: SL: GNAG-01	4/27/99	0844			X	X		X						X	X	X		
S03: SL: SL02-DUP	—	—			X	X		X						X	X	X		
S16: SL: SL02	4/27/99	—			X	X		X						X	X	X		

FOR COMPACTION TESTING 5 gallon. SAMPLE NEEDED
FOR CLASSIFICATION ONLY 2000 gm SAMPLE NEEDED
FOR CONSTANT HEAD PERM. 2000 gm (for sand), 5 gallon. (for gravel)

RECOMPACTION REQUIREMENTS:

COMPACTION _____ %

MOISTURE _____ OMC

OTHER INSTRUCTIONS:

11785 Highway Dr. Suite 100
Cincinnati, OH 45241
(513)-733-9374

PLOT DATE: 1/2/1999

H. C. NUTTING COMPANY

SOIL SAMPLE TEST REQUEST RECORD

PROJECT NAME/CLIENT: Earth Tech

PROJECT No: 33976

PROJECT MANAGER: Mike Bedard

PROJECT LOCATION: CWM- Vickery

SITE PHONE No.: (215) 269-2142

DATE SENT: 4/30/99

DATE RECEIVED:

FAX PHONE No.: (215) 269-2171

SAMPLED BY: Andrea Frustaci

LAB CONTACT: Tim Goodall

DATE RESULTS REQUESTED: Std. Turnaround

SAMPLE No	DESCRIPTION/DATE/TIME		STANDARD PROCTOR ASTM D698	MODIFIED PROCTOR ASTM D1557	ATTERBERG LIMITS - ASTM D4318	SIEVE ANALYSIS & ASTM D422 Hydrometer	WASH 200 ASTM D1140	MOISTURE CONTENT - ASTM D2216	CLASSIFICATION ASTM D2488	RECOMPACTED PERM. ASTM D5084	FALLING HEAD PERM. ASTM D5084	CONSTANT HEAD ASTM D2434	CARB. CONTENT ASTM D3042	TOTAL ORGANIC CARBON	SOIL pH	CATION EXCHANGE CAPACITY		
S49: SL: SF01-01	3/30/99	–			X	X		X						X	X	X		
S13: SL: GNB2-DUP	3/26/99	–			X	X		X						X	X	X		
SB: SL: GNB2-COMP	3/26/99	–			X	X		X						X	X	X		
S15: SL: GNB4-COMP	3/24/99	1050			X	X		X						X	X	X		
S41: SL: SF03-01	3/31/99	–			X	X		X						X	X	X		
S32: SL: SF02-01	3/30/99	1600			X	X		X						X	X	X		
ACB: SL: SF02-01-FD	3/31/99	–			X	X		X						X	X	X		

FOR COMPACTION TESTING 5 gallon. SAMPLE NEEDED
FOR CLASSIFICATION ONLY 2000 gm SAMPLE NEEDED
FOR CONSTANT HEAD PERM. 2000 gm (for sand), 5 gallon. (for gravel)

RECOMPACTION REQUIREMENTS:

COMPACTION _____ %

MOISTURE _____ OMC

OTHER INSTRUCTIONS:

11785 Highway Dr. Suite 100
Cincinnati, OH 45241
(513)-733-9374

PLOT DATE: 1/2/1999

H. C. NUTTING COMPANY

SOIL SAMPLE TEST REQUEST RECORD

PROJECT NAME/CLIENT: Earth Tech

PROJECT No: 33976

PROJECT MANAGER: Mike Beoard

PROJECT LOCATION: CWM. Vickery

SITE PHONE No.: (215) 269-2142

DATE SENT: 4/30/99

FAX PHONE No.: (215) 269-2171

DATE RECEIVED:

SAMPLED BY: Andrea Frustaci

LAB CONTACT: Tim Goodall

DATE RESULTS REQUESTED: STND. TURNAROUND

SAMPLE No	DESCRIPTION/DATE/TIME	STANDARD PROCTOR ASTM D698	MODIFIED PROCTOR ASTM D1557	ATTERBERG LIMITS ASTM D4318	SIEVE ANALYSIS ASTM D422 Hydrometer	WASH 200 ASTM D1140	MOISTURE CONTENT ASTM D2216	CLASSIFICATION ASTM D2488	RECOMPACTED PERM. ASTM D5084	FALLING HEAD PERM. ASTM D5084	CONSTANT HEAD ASTM D2434	CARB. CONTENT ASTM D3042	TOTAL ORGANIC CARBON	Soil pH	CATION EXCHANGE CAPACITY		
AcB:SL:SF02-01	3/31/99 -			X	X		X						X	X	X		
ACA:SL:SF09-01	3/31/99 0853			X	X		X						X	X	X		

FOR COMPACTION TESTING 5 gallon. SAMPLE NEEDED
FOR CLASSIFICATION ONLY 2000 gm SAMPLE NEEDED
FOR CONSTANT HEAD PERM. 2000 gm (for sand), 5 gallon. (for gravel)

RECOMPACTION REQUIREMENTS:

COMPACTION _____ %

MOISTURE _____ OMC

OTHER INSTRUCTIONS:

11785 Highway Dr. Suite 100
Cincinnati, OH 45241
(513)-733-9374

PLOT DATE: 1/2/1999

H. C. NUTTING COMPANY

SOIL SAMPLE TEST REQUEST RECORD

PROJECT NAME/CLIENT: Earth Tech

PROJECT No: 33976

PROJECT MANAGER: Mike Bedard

PROJECT LOCATION: CWM- Vickery

SITE PHONE No.: (215) 269-2142

DATE SENT: 4/30/99

FAX PHONE No.: (215) 269-2171

DATE RECEIVED:

SAMPLED BY: Andrea Frustaci

LAB CONTACT: Tim Goodall

DATE RESULTS REQUESTED: STND TURNAROUND

SAMPLE No	DESCRIPTION/DATE/TIME		STANDARD PROCTOR ASTM D698	MODIFIED PROCTOR ASTM D1557	ATTERBERG LIMITS ASTM D4318	SIEVE ANALYSIS ASTM D422 Hydrometer	WASH 200 ASTM D1140	MOISTURE CONTENT ASTM D2216	CLASSIFICATION ASTM D2488	RECOMPACTED PERM. ASTM D5084	FALLING HEAD PERM. ASTM D5084	CONSTANT HEAD ASTM D2434	CARB. CONTENT ASTM D3042	TOTAL organic CARBON	Soil pH	CATION Exchange CAPACITY		
S15:SL:GNB1-Comp	—	–			X	X		X						X	X	X		
S14:SL:GNB1-Comp	3/23/99	–			X	X		X						X	X	X		
S12:SL:GNE2-Comp	3/25/99	–			X	X		X						X	X	X		
S15:SL:GNB4-DUP	3/24/99	1050			X	X		X						X	X	X		
ACC:SL:SF01-01	3/30/99	–			X	X		X						X	X	X		
S12:SL:GNC2-01	3/25/99	1332			X	X		X						X	X	X		
S28:SL:SF01-01	3/29/99	0857			X	X		X						X	X	X		

FOR COMPACTION TESTING 5 gallon. SAMPLE NEEDED
FOR CLASSIFICATION ONLY 2000 gm SAMPLE NEEDED
FOR CONSTANT HEAD PERM. 2000 gm (for sand), 5 gallon. (for gravel)

RECOMPACTION REQUIREMENTS:

COMPACTION _____ %

MOISTURE _____ OMC

OTHER INSTRUCTIONS:

11785 Highway Dr. Suite 100
Cincinnati, OH 45241
(513)-733-9374

PLOT DATE: 1/2/1999

H. C. NUTTING COMPANY

SOIL SAMPLE TEST REQUEST RECORD

PROJECT NAME/CLIENT: Earth Tech

PROJECT No: 33976

PROJECT MANAGER: Mike Bedard

PROJECT LOCATION: CWM. Vickery

SITE PHONE No.: (215)269-2142

DATE SENT: 4/30/99

FAX PHONE No.: (215)269-2171

DATE RECEIVED:

SAMPLED BY: Andrea Frostaci

LAB CONTACT: Tim Goodall

DATE RESULTS REQUESTED: STND TURNAROUND

SAMPLE No	DESCRIPTION/DATE/TIME	STANDARD PROCTOR ASTM D698	MODIFIED PROCTOR ASTM D1557	ATTERBERG LIMITS ASTM D4318	SIEVE ANALYSIS & HYDROMETER ASTM D422	WASH 200 ASTM D1140	MOISTURE CONTENT ASTM D2216	CLASSIFICATION ASTM D2488	RECOMPACTED PERM. ASTM D5084	FALLING HEAD PERM. ASTM D5084	CONSTANT HEAD ASTM D2434	CARB. CONTENT ASTM D3042	TOTAL ORGANIC CARBON	Soil pH	CATION EXCHANGE CAPACITY		
S02: SL: SL01	4/28/99 —			X	X		X						X	X	X		
S05: SL: SL01-02	4/28/99 —			X	X		X						X	X	X		
S01: SL: SL01	4/28/99 —			X	X		X						X	X	X		
S08: SL: SL02-03	4/28/99 —			X	X		X						X	X	X		
S01: SL: SL02	4/28/99 —			X	X		X						X	X	X		
S02: SL: SL02	4/28/99 —			X	X		X						X	X	X		
S03: SL: GNB2-01	4/22/99 —			X	X		X						X	X	X		

FOR COMPACTION TESTING 5 gallon. SAMPLE NEEDED
FOR CLASSIFICATION ONLY 2000 gm SAMPLE NEEDED
FOR CONSTANT HEAD PERM. 2000 gm (for sand), 5 gallon. (for gravel)

RECOMPACTION REQUIREMENTS:

COMPACTION _____ %

MOISTURE _____ OMC

OTHER INSTRUCTIONS:

11785 Highway Dr. Suite 100
Cincinnati, OH 45241
(513)-733-9374

PLOT DATE: 1/2/1999

GPL L ORATORIES, LLP

202 P Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

of Pgs.

Project: WM - Vickery, OH
Client: WM - Vickery, OH
Send Results To: Michael Bedard
Address: 412 Lincoln Hwy
Fairless Hills PA 19030
Phone: (215) 269-2142

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Additional Sample Volume											CLIENT COMMENTS
Tumaround Time					STND										Lab Cooler No.	
# of Containers					3											
Container Type					1L AMBER											
Preservative Used					N/A											
Type of Analysis																
L19A	5/6/99		H_2O	JG	X											
L20	5/6/99		H_2O	JG	X											

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
[signature]	5/6/99, 1200				

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
					FEDEX # 810826804848

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPL LABORATORIES, LLLP

202 Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

Project: WM - Vickery, OH
Client: WM - Vickery, OH
Send Results To: Michael Bedard
Address: 412 Lincoln Hwy
Fairless Hills, PA 19030
Phone: (215) 269-2142

Turnaround Time	STND											
# of Containers	5											
Container Type	1L Amber											
Preservative Used	N/A											
Type of Analysis	REPLACEMENT BOTTLES FOR BROKEN SHIPMENT											Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials												CLIENT COMMENTS
MW20R	5/6/99	900	H_2O	JG	X											
MW14R	5/6/99	1000	H_2O	JG	X											

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
[signature]	5/6/99 1200				

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
					FEDEX # 810826804859

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

EARTH TECH

Project: Cwm-Dickey RFI

Client: WME

Send Results To: Michael Boland

Address:

Phone: 513) 87-9-2142

Turnaround Time: STANDARD

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOA	SVOA	U-2 PCB OCP PEST O-P PEST	Herbicide	Metals/RDF	Total Metals	Dissolved Metals	Cyanide	Sulfide	Lab Cooler No.	CLIENT COMMENTS
# of Containers					3	2	2	1	2	1	1	1	1		
Container Type					40 ml	1L	1L	1L	1L	500 ml	500 ml	500 ml	500 ml		
Preservative Used					HCl	—	—	—	—	HNO_3	HNO_3	NaOH	NaOH ZnAc		
LMA Field Blank	5/4/99	1150	H_2O	JG	X	X	X	X	X	X	X	X	X		Dropped
MW24R	5/4/99	0930	H_2O	JG		X									Metals were
617	5/4/99	0950	H_2O	JG/JH	X										field filtered
MW24R-MS	5/4/99	0930	H_2O	JG	X										
MW24R-MSD	5/4/99	0930	H_2O	JG	X										
L19A	5/4/99	1020	H_2O	AR/JG	X										

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
—	4/7/99	[signature]	[signature]		

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[signature]	5/5/99 1000				

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of

EARTH TECH

Project:	Cwm. Dickey RFI
Client:	WMI
Send Results To:	Micheal Bedard
Address:	
Phone:	215 269 - 2142

Turnaround Time	STANDARD									
# of Containers	3	2	2	1	2	1	1	1	1	
Container Type	40 ml	1L	1L	1L	1L	500ml	500ml	500ml	500ml	
Preservative Used	HCl	—	—	—	—	HNO_3	HNO_3	NaOH	NaOH ZnAc	
Type of Analysis	VOA w/ Trip Blank	SVOA	O-C Pest PCB O-P Pest	Herb	PCDD/PCDF	Total Metals	Dissolved Metals	Cyanide	Sulfide	Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOA	SVOA	O-C Pest PCB O-P Pest	Herb	PCDD/PCDF	Total Metals	Dissolved Metals	Cyanide	Sulfide		CLIENT COMMENTS
L20	5/4/99	1115	H_2O	AAF	X	X	X	X	X	X	X	X	X		Dissolved
MW248	5/4/99	0930	H_2O	JG				X	X			X	X		Metals were
															field filtered

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
[signature]	4/9/99	[signature]	[signature]		

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[signature]	5/5/99 1000				

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

FARGH TECH

Project: CWM - Vickery RFI

Client: WMI

Send Results To: Micheal Bedard

Address:

Phone: (215) 269 2142

Turnaround Time	STANDARD														
# of Containers	3	2	2	1	2	1	1	1	1						
Container Type	40ml	1L	1L	1L	1L	500ml	500ml	500ml	500ml						
Preservative Used	HCl	—	—	—	—	HNO_3	HNO_3	NaOH	NaOH ZnAc						
Type of Analysis	VOA w/ Trip Blank	SVOA	O-P Pesticide PCB O-P Pesticide	Herbicide	PCDD/PCDF	Total Metals	Dissolved Metals	Cyanide	Sulfide	Lab Cooler No.					
Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials											CLIENT COMMENTS
L26	5/4/99	1140	H_2O	JG/MF	X	X	X	X	X	X	X	X	X		Dissolved Metals
MW24R	5/4/99	0920	H_2O	JG/MF	X		X			X	X				Have Been
															Field Filtered

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
—	4/9/99	[signature]	[signature]		

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.
[signature]	5/5/99 1000				FEDEX 809 592 537336

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

EARTH TECH

Project: CWM - Vickery RFI

Client: WMI

Send Results To: Michael Bedard

Address:

Phone: 215 269 2142

Turnaround Time	STANDARD														
# of Containers	3	2	2	1	2	1	1	1	1						
Container Type	40ml	1L	1L	1L	--	500ml	500ml	500ml	500ml						
Preservative Used	HCL	—	—	—	—	HNO3	HNO3	NaOH	NaOH						
Type of Analysis	VOA	SVOA	O-C Pest PCB O-P Pest	Herb	PCDD/PCDF	Total Metals	Dissolved Metals	Cyanide	Sulfide	Lab Cooler No.					
Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials											CLIENT COMMENTS
L19A	5/4/99	1020	H2O	JG/ANF	X	X	X	X	X				X		Dissolved Metals
L19A	5/5/99	855	H2O	JG/ANF						X	X	X			Lorac Field
															Filtered

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
—	4/9/99	[signature]	[signature]		

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[signature]	5/5/99 1000				

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

EARTH TECH

Project:	CWM- Vickery RFI
Client:	WMI
Send Results To:	Micheal Bedard
Address:	
Phone:	(215) 269-2142

Turnaround Time	—	STANDARD
# of Containers	4	4
Container Type	1L Amber	1L Amber
Preservative Used	—	—
Type of Analysis	Matrix Spike	Matrix Spike Duplicate

Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Matrix Spike	Matrix Spike Duplicate									CLIENT COMMENTS
MW24R-MS	5/4/99	0930	1120	JG	X										
MW24R-MD	5/4/99	0930	1120	JG		X									

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
—	4/9/99	[signature]	[signature]		

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[signature]	5/5/99 1000				

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPL ABORATORIES, LLLP

202 ... ry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

EARTH TECH

Project:	CWM - Vickery RFI
Client:	WMI
Send Results To:	Michael Bedard
Address:	
Phone:	

Turnaround Time	STANDARD														
# of Containers	2	1	1	1	2										
Container Type	1L Amber	1L Amber	1L Amber	1L Amber	1L Amber										
Preservative Used	—	—	—	—	—										
Type of Analysis	SVOA	OC Pesticide MB	OP Pesticide	Herbicide	PCDD/PCDF										
Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials											Lab Cooler No. / CLIENT COMMENTS
MW20R	5/3/99	1130	H2O	SG/JH	X	X	X	X	X	1					

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
	4/9/99	[signature]	[signature]		

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[signature]	5/4/99 800				Fed Ex 8551377820

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPL ABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 4 Pgs.

EARTH TECH

Project:	CWM - Vickery RFI
Client:	WMI
Send Results To:	Michael Gedard
Address:	
Phone:	215 269-2142

Turnaround Time	STANDARD									
# of Containers	2	1	1	1	2	1	1	1	1	
Container Type	1L Amber	1L Amber	1L Amber	1L Amber	1L Amber	500mL HDPE	500mL HDPE	500mL HDPE	500mL HDPE	
Preservative Used	—	—	—	—	—	HNO3	HNO3	NaOH	NaOH 2NAC	
Type of Analysis	SVOA	O-C PEST PCB	O-P PEST	Herbicide	PCDD/PCDF	Total Metals	Dissolved Metals	Cyanide	Sulfide	Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	SVOA	O-C PEST PCB	O-P PEST	Herbicide	PCDD/PCDF	Total Metals	Dissolved Metals	Cyanide	Sulfide	Lab Cooler No.	CLIENT COMMENTS
MW22R	5/3/99	1630				X	X	X	X	X	X	X	X		Diss. Metals Have
MW22R-D	5/3/99	1630			X	X	X		X	X	X	X	X		Been Field Filtered
Capillary Drain FD	5/3/99	1330								X	X	X	X		
Capillary Drain-FD	5/3/99	1330			X				X						

Limited Volume For Capillary Drain-FD for SVOA and PCDD/PCDF only 1000 mL available

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
—	4/1/99	[signature]	[signature]		

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[signature]	5/4/99 0800				Fed Ex 8551337853

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

Project: CWM- Vickery
Client: WMI
Send Results To: Michael Rotard
Address: 412 Lincoln Hwy
Fairless Hills PA 19030
Phone: 215 269-2142

Turnaround Time	STD										STD
# of Containers	3	2	1	1	1	2	1	1	1	1	
Container Type	40ml	1L	1L	1L	1L	1L	500ml HDPE	500ml HDPE	500ml HDPE	500ml HDPE	
Preservative Used	HCL	—	—	—	—	—	HNO3	HNO3	NAOH	NAOH ZNAC	
Type of Analysis	VOA	SVOA	OC PESTICIDE PCB	O-P PESTICIDE	Herbicide	PCDD/PCDF	Total Metals	Dissolved Metals	Cyanide	Sulfide	

Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOA	SVOA	OC PESTICIDE PCB	O-P PESTICIDE	Herbicide	PCDD/PCDF	Total Metals	Dissolved Metals	Cyanide	Sulfide	CLIENT COMMENTS
L25	5/2/99	1045	H2O	JG/JH	X	X	X	X	X	X	X	X	X	X	Dissolved
															Metals
															HAVE Been
															Field Filtered

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
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Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[signature]	5/1/99 1200	[signature]			Fed EX 809592544165

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPL ABORATORIES, LLLP

20[illegible] [illegible]rry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

EARTH TECH

Project: Fwm - Vickery
Client: UMI
Send Results To: Michael Bedrich
Address:
Phone: 815 269 2142

Turnaround Time: STANDARD

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Oil and Tar/Grease	SVOA	PCB Pesticide Herbicide	Herbicide	PCOD/TOC	Total Metals	Dissolved Metals	Cyanide	Sulfide	Lab Cooler No.	CLIENT COMMENTS
# of Containers					3	2	2	1	2	1	1	1	1		
Container Type					1L amber	1L amber	1L amber	1L amber	1L amber	500ml HDPE	500ml HDPE	500ml HDPE	500ml HDPE		
Preservative Used					HCl	–	–	–	–	HNO3	HNO3	NaOH	NaOH ZnAc		
Mechanical Drain	5/3/99	1330	H_2O	JG/MAF		X	X	X	X	X	X	X	X		Dissolved
Laboratory Drain	5/3/99	1015	H_2O	JG/MAF	X										Metals Move
Laboratory Drain-B	5/3/99	1015	H_2O	MAF	X										Bottom Field
Mechanical Drain-B	5/3/99	1330	H_2O	MAF			X	X							Filtered

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
—	99/99	[illegible]	[illegible]		

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
[illegible]	5/9/99 0900				FEDEX 8551397842

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

	of	Pgs.

Project: WM - Vickery, OH
Client: WM - Vickery, OH
Send Results To: Michael Bedard
Address: 412 Lincoln Hwy
Fairless Hills, PA 19030
Phone: (215) 269-2142

Turnaround Time	STND
# of Containers	3
Container Type	1L AMBER
Preservative Used	N/A
Type of Analysis	

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Additional Sample Volume										Lab Cooler No.	CLIENT COMMENTS
L19A	5/6/99		H_2O	JG	X											
L20	5/6/99		H_2O	JG	X											

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[signature]	5/6/99 1200				

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
					FEDEX # 810826804848

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

FARTH TECH

Project:	CWM-Valley RFI
Client:	
Send Results To:	
Address:	
Phone:	(215) 269-2142

Turnaround Time	STANDARD										
# of Containers	3	2	2	1	2	1	1	1	1		
Container Type	40 ml	1L Amber	1L Amber	1L Amber	1L Amber	500 ml HDPE	500 ml HDPE	500 ml HDPE	500 ml HDPE		
Preservative Used	[illegible]	–	–	–	–	HNO_3	HNO_3	NaOH	NaOH ZnAc		
Type of Analysis	VOA W/ Triplicate	O-C Pesticide O-P Pesticide	SVOA	Herbicide	PCDD/PCDF	Total Metals	Dissolved Metals	Cyanide	Sulfide		Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOA W/ Triplicate	O-C Pesticide O-P Pesticide	SVOA	Herbicide	PCDD/PCDF	Total Metals	Dissolved Metals	Cyanide	Sulfide		CLIENT COMMENTS
MW20R	5/3/99	1130 ~~1520~~	H_2O	JG/AAF	X					X	X	X	X		Diss. metals
MW15R	5/3/99	1520	H_2O	JG/AAF	X	X	X	X	X	X	X	X	X	X	Field Filtered

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	4/7/99	[signature]	[signature]		

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
					8551397816

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

EARTH TECH

Project: CWM - Dickey RFI

Client: WMI

Send Results To: Michael Bedard

Address:

Phone:

Turnaround Time	—	STANDARD									
# of Containers	3	2	2	1	2	1	1	1	1		
Container Type	40 ml	1 L amber	1 L amber	1 L amber	1 L amber	500 ml HDPE	500 ml HDPE	500 ml HDPE	500 ml HDPE		
Preservative Used	HCL	—	—	—	—	HNO3	HNO3	NaOH	NaOH 2N AC		
Type of Analysis	VOA w/ Trip Blank	SVOA	Org Pesticide PCB Pesticide	Herbicide	PCDD/PCDF	Total Metals	Dissolved Metals	Cyanide	Sulfide	Lab Cooler No.	

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOA	SVOA	Org Pesticide	Herbicide	PCDD/PCDF	Total Metals	Dissolved Metals	Cyanide	Sulfide		CLIENT COMMENTS
MW14R	5/3/99	1430	H_2O	MI/JG	X	X	X	X	X	X	X	X	X		Dissolved Metals
MW22R	5/3/99	1630	H_2O	MI/JG	X	X									Have Been
MW22RFD	5/3/99	1630	H_2O	MI/JG	X										Field Filtered

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
—	4/9/99	[signature]	[signature]		
Relinquished By: [signature]	Date/Time 5/4/99 0800	Received By:	Date/Time	Shipper:	Airbill No.: FedEx 855139783 1
Relinquished By:	Date/Time	Received By:	Lab Comments:		Temp:

G.P. W.O. _____

GPL LABORATORIES, LLLP

202 Perry Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference:

Project: EarthTech - RFI - WMD
Client: Earth Tech
Send Results To: Mike Bedard
Address: 412 Lincoln Hwy
Fairless Hills PA 19030
Phone: 215-269-3142

Turnaround Time										
# of Containers	3	3	2	1	1	1	1	1	1	
Container Type	40ml	1L Amber	1L	1L	1L	1L	500ml Poly	500ml Poly	500ml Poly	
Preservative Used	HCL	none	none	none	none	none	none	NaOH	NaOH	
Type of Analysis	VOA	BNA	O.P. Pest	Herb Pest	PCBs	Metals	Sulfides	Cyanides		Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	VOA	BNA	O.P. Pest	Herb Pest	PCBs	Metals	Sulfides	Cyanides		CLIENT COMMENTS
Clyde Water Supply on SR 510	3/3/99	2:35pm	W	SXC	✓	✓	—	—	—	—	—	—	—	AG-Amber-Glass

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
[signature]	3/3/99 3:00pm				

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

GPL LABORATORIES, LLLP

202 [illegible]y Parkway
Gaithersburg, MD 20877
(301) 926-6802
Fax (301) 840-1209

Contract #/Billing Reference

Project: [illegible] - RFI-WMU
Client: [illegible]
Send Results To: Mike Bedard
Address: 412 Lincoln Hwy
Fairless Hills PA 19030
Phone: 215-269-2142

Turnaround Time
# of Containers: 3
Container Type: ~~[illegible]~~ 1L Amber [illegible]
Preservative Used: none
Type of Analysis: PLDD/PLDF

Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	PLDD/PLDF										CLIENT COMMENTS
[illegible]	3/3/99	2:35pm	W	[illegible]	✓										
Supply on															
SR 510															

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
[illegible]	3/3/99 3:00pm				

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:

G.P. W.O. _____

APPENDIX B

Borehole Log Forms

EARTH TECH

S14:SL:GNA1

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1040 / FINISH TIME 1430
	TIME	
DATUM: MSL ELEVATION:	DATE	DATE 3/18/99 / DATE 3/18/99
DRILL RIG: CME	CASING DEPTH	
ANGLE: Vertical BEARING:	SURFACE CONDITIONS:	
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	1, 5, 5, 8		SS01 0.0'-2.0' Grayish-brown silty CLAY; dry		12"/24"	1.8 ppm	PID detections likely due to moisture.
2							
3	3, 3, 3, 3		SS02 2.5'-4.5' Same as above (SAA).		18"/24"	1.8 ppm	→ S14:SL:GNA1-01
5	1, 2, 2, 3		SS03 4.5'-6.5' SAA		14"/24"	3.3 ppm	
7	2, 2, 4, 4		SS04 6.5'-8.5' SAA; no odor.		24"/24"	50.2 ppm	→ PID reading likely anomalous - no other indications (odor - appear.) of contamination.
9	2, 2, 2, 2		SS05 8.5'-10.5' Tan Sandy CLAY; wet.		24"/24"	6.4 ppm	
11	2, 2, 2, 2		SS06 10.5'-12.5' Grayish tan SILT and CLAY, wet, some organic material - natural.		24"/24"	11.3 ppm	

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/18/99

CHK'D BY:

S14:SL:GNA1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME / FINISH TIME
	WATER LEVEL / TIME / DATE / CASING DEPTH	DATE / DATE
DATUM: MSL ELEVATION:		
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12							
13	2 / 1 / 2 / 1		SS07 12.5'-14.5' SAA		24" / 24"	4.6 ppm	
14							
15	2 / 2 / 1 / 2		SS08 15'-17' Gray silty CLAY		24" / 24"	5.0 ppm	
16							
17	WOH		SS09 17'-19' SAA		24" / 24"	1.1 ppm	WOH = Weight of hammer → S14:SL:GNA1-02
18							
19			Borehole terminated at 17.0 feet BGS. Sampling terminated at 19.0' BGS.				
20							
21							
22							
23							
24							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

CHK'D BY:

DATE:

S14:SL:GNA2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME: 0805 / FINISH TIME: 1015
	TIME	
DATUM: MSL ELEVATION:	DATE / CASING DEPTH	DATE: 3/19/99 / DATE: 3/19/99
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS/6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	4, 4, 7, 7		SS01 0.0'-2.0' Brown-black silty loam, dry.		10"/24"	0.8 ppm	
3	2, 4, 4, 4		SS02 2.5'-4.5' Tan-orange silty CLAY - dry.		15"/24"	1.5 ppm	→ S14:SL:GNA2-01
5	2, 3, 3, 3		SS03 4.5'-6.5' Brownish-tan and gray silty CLAY, dry.		22"/24"	15.4 ppm	
7	2, 2, 3, 4		SS04 6.5'-8.5' SAA		23"/24"	9.3 ppm	
9	2, 2, 3, 3		SS05 8.5'-10.5' SAA		23"/24"	14.2 ppm	
11	WOH, 2, 1, 2		SS06 10.5'-12.5' SAA, wet.		23"/24"	8.6 ppm	

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/19/99 CHK'D BY:

S14:SL:GNA2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING START TIME / FINISH TIME
	WATER LEVEL / TIME / DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12							
13	WOH, 2		SS07 12.5'-14.5' SAA, Siltier, wet.		24"/24"	10.1 ppm	
14	1, 2						
15	WOH, 1		SS08 14.5'-16.5' SAA, wet		24"/24"	11.3 ppm	
16	1, 2						
17	WOH, 1		SS09 16.5'-18.5' SAA		24"/24"	6.5 ppm	
18	1, 1						
19	2, 1		SS10 18.5'-20.5' SAA		24"/24"	Ø.Ø ppm	→ S14:SL:GNA2-Ø2
20	2, 1						
21			Borehole terminated at 18.5 feet BGS; Sampling terminated at 20.5 feet BGS.				
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

S14:SL:GND1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 of 3
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME: 0745 / FINISH TIME: 1145
	WATER LEVEL / TIME / DATE	DATE: 3/22/99 / DATE: 3/22/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	3, 5, 7, 6		SS01 0.0'-2.0' Brown-gray Clay loam.		10"/24"	0.2 ppm	
2, 3	4, 4, 5, 6		SS02 2.0'-4.0' Brown-gray silty CLAY, dry		10"/24"	1.1 ppm	→ S14:SL:GND1-01
4, 5	2, 2, 3, 5		SS03 4.0'-6.0' SAA		16"/24"	6.1 ppm	
6, 7	3, 4, 5, 6		SS04 6.0'-8.0' SAA		24"/24"	4.5 ppm	
8, 9	2, 2, 4, 4		SS05 8.0'-10.0' SAA		23"/24"	12.0 ppm	
10, 11, 12	2, 3, 3, 3		SS06 10.0'-12.0' SAA, but moist.		24"/24"	11.0 ppm	

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 3/22/99 CHK'D BY: ____

S14:SL:GND1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 3
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME / FINISH TIME
	WATER LEVEL / TIME / DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	WOH, 1, 2, 2		SS07 12'-14' SAA, wet.		23"/24"	10.6 ppm	
13, 14	WOH, 2, 2, 3		SS08 14'-16' Gray Sandy silty CLAY, trace coarse SAND and GRAVEL; wet.		16"/24"	9.4 ppm	
15, 16	7, 6, 3, 3		SS09 16'-18' Gray silty clay with gravel 17'-17.5', Sandy silty clay 17.5'-18.0', wet.		24"/24"	9.7 ppm	
17, 18	WOH, 3, 6, 6		SS10 18'-20' Brown-gray silty clay, organic matter at 19.0', wet.		18"/24"	7.2 ppm	
19, 20	WOH, 3, 2, 3		SS11 20'-22' SAA		24"/24"	2.8 ppm	
21, 22	3, 3, 3, 4		SS12 22'-24' SAA		24"/24"	3.2 ppm	
23, 24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

S14: SL: GND1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 3 OF 3
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME / FINISH TIME
	TIME	
	DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
24	2, 3, 4, 4		SS13 24'-26' SAA		24"/24"	2.3 ppm	
25							
26	3, 3, 3, 5		SS14 26'-28' Silty CLAY, Some coarse Sand, wet.		6"/24"	2.0 ppm	
27							
28	WOH, 3, 3, 3		SS15 28'-30' Brown-gray Silty CLAY, Some SAND, wet.		24"/24"	0.9 ppm	
29							
30	2, 3, 4, 4		SS16 30'-32' SAA		21"/24"	3.3 ppm	
31							
32	2, 2, 3, 3		SS17 32'-34' SAA		24"/24"	0.8 ppm	→ S14: SL: GND1-Ø2
33							
34			Borehole terminated at 34.0 feet BGS; sampling terminated at 34.0' BGS.				
35							
36							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE:

CHK'D BY:

BGS:SL:BG01

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0800 / FINISH TIME 0905
	TIME	
	DATE	DATE 3/23/99 / DATE 3/23/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	3, 5, 6, 6		SS01 0.0'-2.0' Brown-black loam 0'-1', tan-gray silty clay, dry 1'-2'.		18"/24"	1.2 ppm	→ BGS:SL:BG01-01
2, 3							
4, 5	4, 4, 6, 5		SS02 4.0'-6.0' Tan, gray silty clay - dry.		18"/24"	7.9 ppm	
6, 7							
8, 9	3, 4, 4, 6		SS03 8.0'-10.0' SAA		24"/24"	1.2 ppm	→ BGS:SL:BG01-02
10, 11, 12			Borehole terminated at 8.0 feet BGS, sampling terminated at 10.0 feet BGS.				

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/23/99

CHK'D BY:

BGS:SL:BGØ2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME: 0925 / FINISH TIME: 0940
	WATER LEVEL / TIME / DATE	DATE: 3/23/99 / DATE: 3/23/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	3, 3, 5, 5		SSØ1 0.0'-2.0' Black-brown loam (topsoil) to 0.5', brown-gray silty CLAY to 2.0'.		18"/24"	0.0 ppm	→ BGS:SL:BGØ2-Ø1 *
2							
3							
4	3, 4, 5, 6		SSØ2 4.0'-6.0' Brown-gray silty CLAY.		17"/24"	0.0 ppm	
5							
6							
7							
8	3, 4, 4, 4		SSØ3 8.0'-10.0' SAA		22"/24"	0.0 ppm	→ BGS:SL:BGØ2-Ø2 *
9							
10			Borehole terminated at 8.0' BGS, sampling terminated at 10.0' BGS.				* Per USEPA instructions, these samples were NOT submitted for analysis.
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/23/99

CHK'D BY:

BGS:SL:BG03

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0957 / FINISH TIME 1035
	TIME	
	DATE	DATE 3/23/99 / DATE 3/23/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	3, 4, 4, 5		SS01 0.0'-2.0' Brown-gray silty clay, dry.		24"/24"	0.0 ppm	→ BGS:SL:BG03-01 → BGS:SL:BG03-01-FD
2, 3							
4, 5	4, 5, 7, 8		SS02 4.0'-6.0' Gray-brown silty CLAY		24"/24"	1.7 ppm	
6, 7							
8, 9	5, 3, 3, 3		SS03 8.0'-10.0' SAA		22"/24"	2.1 ppm	→ BGS:SL:BG03-02 → BGS:SL:BG03-02-MS → BGS:SL:BG03-02-MD
10, 11, 12			Borehole terminated at 8.0 feet BGS; Sampling terminated at 10.0 feet BGS.				

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/23/99

CHK'D BY: ____

BGS:SL:BG04

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1105 / FINISH TIME 1130
	TIME	
	DATE	DATE 3/23/99 / DATE 3/23/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	3		SS01 0.0'-2.0' Brown-black silty loam to 0.5'; gray-tan silty CLAY to 2.0'; dry		13"/24"	0.0 ppm	→ BGS:SL:BG04-01 *
1	5						
	3						
	7						
2							
3							
4	5		SS02 4.0'-6.0' Gray-tan silty CLAY		24"/24"	0.0 ppm	
	5						
5	8						
	10						
6							
7							
8	2		SS03 8.0'-10.0' SA		24"/24"	3.7 ppm	→ BGS:SL:BG04-02 *
	2						
9	3						
	3						
10			Borehole terminated at 8.0' BGS, sampling terminated at 10.0' BGS.				
11							* Per USEPA instructions, these samples were NOT submitted for analysis.
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/23/99 CHK'D BY:

BGS:SL:BG05

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1235 / FINISH TIME 1300
	TIME	
	DATE	DATE 3/23/99 / DATE 3/23/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	2, 5, 5, 5		SS01 0.0'-2.0' Brown silty clay - dry.		12"/24"	0.0 ppm	→ BGS:SL:BG05-01
2, 3							
4, 5	4, 4, 5, 5		SS02 4.0'-6.0' SAA		18"/24"	0.0 ppm	
6, 7							
8, 9	3, 3, 4, 5		SS03 8.0'-10.0' Tan-brown silty CLAY.		24"/24"	0.0 ppm	→ BGS:SL:BG05-02
10, 11, 12			Borehole terminated at 8.0' BGS. Sampling terminated at 10.0' BGS.				

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 3/23/99

CHK'D BY:

S14:SL:GNC2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1600 / FINISH TIME 1625
	TIME	
	DATE	DATE 3/23/99 / DATE 3/23/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	7, 6, 7, 7		SS01 0.0'-2.0' Brown-black loam (topsoil) to 0.5'; Gray-brown silty CLAY, dry, with rock fragments to 2.0'		8"/24"	0.9 ppm	
2							
3	5, 5, 6, 8		SS02 2.5'-4.5' Tan-gray silty CLAY, dry.		14"/24"	0.9 ppm	→ S14:SL:GNC2-01
4							
5	4, 6, 6, 4		SS03 4.5'-6.5' SAA		18"/24"	0.9 ppm	
6							
7	2, 3, 3, 4		SS04 6.5'-8.5' SAA		20"/24"	0.8 ppm	
8							
9			Borehole terminated at 6.5' BGS; Sampling terminated at 8.5' BGS.				
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/23/99 CHK'D BY: ____

S14:SL:GNB2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1645 / FINISH TIME 1730
	TIME	
	DATE	DATE 3/23/99 / DATE 3/23/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	14		SS01 0.0'-2.0' Brown-black loam and concrete/gravel fragments.		14"/24"	0.4 ppm	
1	23						
	8						
	10						
2							
	3		SS02 2.5'-4.5' Brown-gray CLAY, dry.		19"/24"	0.9 ppm	→ S14:SL:GNB2-01 → S14:SL:GNB2-01-FD
3	4						
	4						
4	5						
	3		SS03 4.5'-6.5' SAA		18"/24"	0.7 ppm	
5	3						
	5						
6	5						
	3		SS04 6.5'-8.5' SAA		24"/24"	0.9 ppm	
7	3						
	4						
8	6						
			Borehole terminated at 6.5' BGS Sampling terminated at 8.5' BGS.				
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/23/99 CHK'D BY:

S14:SL:GNB1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1740 / FINISH TIME 1800
	TIME	
	DATE	DATE 3/23/99 / DATE 3/23/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	3, 4, 5, 7		SS01 0.0'-2.0' Tan-brown Silty CLAY.		22"/24"	1.1 ppm	
2							
3	3, 3, 5, 6		SS02 2.5'-4.5' SAA		20"/24"	1.5 ppm	→ S14:SL:GNB1-01 → S14:SL:GNB1-01-GT (composite)
4							
5	3, 2, 3, 6		SS03 4.5'-6.5' Tan-gray Silty CLAY, some SAND, dry.		24"/24"	1.4 ppm	
6							
7	2, 4, 5, 4		SS04 6.5'-8.5' SAA		24"/24"	1.4 ppm	
8							
9			Borehole terminated at 6.5' BGS; Sampling terminated at 8.5' BGS.				
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/23/99

CHK'D BY:

S14:SL:GNC1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0752 / FINISH TIME 0813
	TIME	
	DATE	DATE 3/24/99 / DATE 3/24/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	3, 4, 5, 7		SS01 0.0'-2.0' Brown - black loam (top soil) to 0.5', brown gray stiff silty CLAY, dry, to 2.0'.		18"/24"	0.6 ppm	
2							
3	4, 4, 4, 6		SS02 2.5'-4.5' Gray silty CLAY, some brown.		20"/24"	1.8 ppm	→ S14:SL:GNC1-01 → S14:SL:GNC1-01-MS → S14:SL:GNC1-01-MD
4							
5	2, 3, 4, 5		SS03 4.5'-6.5' Tan-gray silty CLAY, dry.		18"/24"	3.1 ppm	
6							
7	3, 2, 4, 3		SS04 6.5'-8.5' SAA		24"/24"	1.0 ppm	
8							
9			Borehole terminated at 6.5' BGS. Sampling terminated at 8.5' BGS.				
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/24/99

CHK'D BY:

EARTH TECH

S15:SL:GNA4

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:	
		SHEET: 1 OF 1	
	SAMPLING METHOD: Split Spoon	DRILLING	
		START TIME 1000	FINISH TIME 1035
	WATER LEVEL / TIME / DATE	DATE 3/24/99	DATE 3/24/99
DATUM: MSL ELEVATION:	CASING DEPTH		
DRILL RIG: CME	SURFACE CONDITIONS:		
ANGLE: Vertical BEARING:			
SAMPLE HAMMER WEIGHT: 140 lbs			

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	3, 4, 6, 7		SS01 0.0'-2.0' Gray-tan silty clay, minor organic matter.		10"/24"	0.0 ppm	
2, 3	4, 3, 3, 5		SS02 2.0'-4.0' Tan, silty CLAY; moist.		20"/24"	0.0 ppm	→ S15:SL:GNA4-01
4			Borehole terminated at 2.0' BGS; Sampling terminated at 4.0' BGS.				
5, 6, 7, 8, 9, 10, 11, 12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/24/99

CHK'D BY:

S15:SL:GNB4

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1040 / FINISH TIME 1055
	TIME	
DATUM: MSL ELEVATION:	DATE / CASING DEPTH	DATE 3/24/99 / DATE 3/24/99
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	3, 4, 4, 7		SS01 0.0'-2.0' Tan-brown Silty CLAY, some organic matter, moist.		12"/24"	0.0 ppm	
2, 3	5, 7, 8, 9		SS02 2.0'-4.0' Tan Silty CLAY, moist.		24"/24"	0.0 ppm	→ S15:SL:GNB4-01 → S15:SL:GNB4-01-GT * → S15:SL:GNB4-01-GD *
4			Borehole terminated at 2.0' BGS, Sampling terminated at 4.0' BGS.				* Composite.
5, 6, 7, 8, 9, 10, 11, 12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/24/99

CHK'D BY:

EARTH TECH

S15:SL:GNA3

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1105	1120
DATE	DATE
3/24/99	3/24/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

SURFACE CONDITIONS:

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	3, 4, 9, 10		SS01 0.0'-2.0' Tan-gray Silty clay, trace organic matter, moist.		12"/24"	0.0 ppm	
3	5, 6, 8, 9		SS02 2.0'-4.0' Tan-gray Silty CLAY.		24"/24"	0.0 ppm	→ S15:SL:GNA3-01
4			Borehole terminated at 2.0' BGS, Sampling terminated at 4.0 BGS.				
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 3/24/99

CHK'D BY:

EARTH TECH

S15:SL:GNB3

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1135	1136
DATE	DATE
3/24/99	3/24/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

SURFACE CONDITIONS:

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SS01 0.0'-2.0' Tan-brown Silty CLAY, dry to slightly moist.		10"/24"	0.0 ppm	
1	3						
	5						
	6						
2							
	6		SS02 2.0'-4.0' SAA		24"/24"	0.0 ppm	→ S15:SL:GNB3-01
3	10						
	10						
	11						
4			Borehole terminated at 2.0' BGS Sampling terminated at 4.0' BGS				
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/24/99

CHK'D BY:

S15:SL:GNA2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1148 / FINISH TIME 1155
	TIME	
DATUM: MSL ELEVATION:	DATE	DATE 3/24/99 / DATE 3/24/99
DRILL RIG: CME	CASING DEPTH	
ANGLE: Vertical BEARING:	SURFACE CONDITIONS:	
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	3, 5, 9, 13		SS01 0.0'-2.0' Black-brown loam to 0.4', tan-gray silty clay to 2.0'.		14"/24"	0.0 ppm	
2, 3, 4	3, 6, 7, 10		SS02 2.0'-4.0' Tan (gray at bottom) silty CLAY.		24"/24"	0.0 ppm	→ S15:SL:GNA2-01
5, 6, 7, 8, 9, 10, 11, 12			Borehole terminated at 2.0' BGS. Sampling terminated at 4.0' BGS.				

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 3/24/99

CHK'D BY:

S15:SL:GNA1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1300 / FINISH TIME 1320
	TIME	
DATUM: MSL / ELEVATION:	DATE / CASING DEPTH	DATE 3/24/99 / DATE 3/24/99
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical / BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	2 3 3 3		SS01 0.0'-2.0' Tan-brown silty CLAY, trace organic matter, moist.		8"/24"	0.0 ppm	
2 3	2 1 1 3		SS02 2.0'-4.0' Tan-brown silty CLAY, wet.		18"/24"	0.2 ppm	→ S15:SL:GNA1-01 → S15:SL:GNA1-01-MS → S15:SL:GNA1-01-MD
4			Borehole terminated at 2.0' BGS. Sampling terminated at 4.0' BGS.				
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/24/99

CHK'D BY:

S15:SL:GNB1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1330 / FINISH TIME 1340
	TIME	
DATUM: MSL ELEVATION:	DATE	DATE 3/24/99 / DATE 3/24/99
DRILL RIG: CME	CASING DEPTH	
ANGLE: Vertical BEARING:	SURFACE CONDITIONS:	
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	4, 2, 4, 6		SS01 0.0'-2.0' Tan Silty CLAY moist, trace fine Sand.		16"/24"	0.8 ppm	
2, 3	3, 3, 6, 7		SS02 2.0'-4.0' Tan-brown Silty CLAY.		18"/24"	0.2 ppm	→ S15:SL:GNB1-01 → S15:SL:GNB1-01-GT (COMPOSITE)
4			Borehole terminated at 2.0' BGS Sampling terminated at 4.0' BGS.				
5, 6, 7, 8, 9, 10, 11, 12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/24/99

CHK'D BY:

S15:SL:GNC1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1348 / FINISH TIME 1410
	TIME	
	DATE	DATE 3/24/99 / DATE 3/24/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	4, 5, 6, 8		SS#1 0.0'-2.0' Tan to dark brown silty CLAY, trace organic matter, moist.		11"/24"	0.2 ppm	
2, 3	5, 6, 6, 7		SS#3 2.0'-4.0' Tan-gray silty CLAY.		24"/24"	0.0 ppm	→ S15:SL:GNC1-01
4			Borehole terminated at 2.0' BGS; Sampling terminated at 4.0' BGS.				
5, 6, 7, 8, 9, 10, 11, 12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/24/99 CHK'D BY: _____

S15:SL:GNB2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:	
		SHEET: 1 OF 1	
	SAMPLING METHOD: Split Spoon	DRILLING	
		START TIME 1445	FINISH TIME 1503
	WATER LEVEL / TIME / DATE / CASING DEPTH	DATE 3/24/99	DATE 3/24/99
DATUM: MSL ELEVATION:			
DRILL RIG: CME	SURFACE CONDITIONS:		
ANGLE: Vertical BEARING:			
SAMPLE HAMMER WEIGHT: 140 lbs			

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	3, 5, 4, 6		SS01 0.0'-2.0' Tan silty CLAY, slightly moist.			0.6 ppm	
2, 3	3, 5, 5, 7		SS02 2.0'-4.0' SAA		24" / 24"	0.3 ppm	→ S15:SL:GNB2-01 → S15:SL:GNB2-01-FD
4			Borehole terminated at 2.0' BGS. Sampling terminated at 4.0' BGS.				
5, 6, 7, 8, 9, 10, 11, 12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/24/99 CHK'D BY:

S15:SL:GNC2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 oF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1512 / FINISH TIME 1522
	TIME	
	DATE	DATE 3/24/99 / DATE 3/24/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	4, 5, 6, 8		SS01 0.0'-2.0' Brown to dark brown silty CLAY to 1.0', tan silty CLAY to 2.0'.		21"/24"	0.7 ppm	
2, 3	7, 9, 9, 8		SS02 2.0'-4.0' Tan to dark brown silty CLAY.		24"/24"	0.7 ppm	→ S15:SL:GNC2-01
4			Borehole terminated at 4.0' BGS. Sampling terminated at 4.0' BGS.				
5, 6, 7, 8, 9, 10, 11, 12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/24/99

CHK'D BY:

S15:SL:GNC3

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1535 / FINISH TIME 1539
	TIME	
	DATE	DATE 3/24/99 / DATE 3/24/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	3, 5, 7, 7		SS01 0.0'-2.0' Brown-gray Silty CLAY - moist,		17"/24"	0.7 ppm	
2, 3	4, 4, 4, 6		SS02 2.0'-4.0' SAA		Not Recorded	0.7 ppm	→ S15:SL:GNC3-01
4			Borehole terminated at 2.0' BGS Sampling terminated at 4.0' BGS				
5, 6, 7, 8, 9, 10, 11, 12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/24/99 CHK'D BY:

S15:SL:GNC4

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1551 / FINISH TIME 1557
	TIME	
	DATE	DATE 3/24/99 / DATE 3/24/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	3		SS01 0.0'-2.0' Tan Silty CLAY, moist.		15"/24"	1.4 ppm	
1	4						
	4						
	5						
2	3		SS02 2.0'-4.0' SAA.			1.1 ppm	→ S15:SL:GNC4-01
	4						
3	4						
	6						
4			Borehole terminated at 2.0' BGS. Sampling terminated at 4.0' BGS.				
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/24/99

CHK'D BY:

S12:SL:GN F3

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
0750	0810
DATE	DATE
3/25/99	3/25/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME SURFACE CONDITIONS:

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2, 4, 4, 6		SS01 0.0'-2.0' Tan-brown sandy silty CLAY, moist.		15"/24"	0.7 ppm	
1, 2							
3, 4	3, 4, 5, 7		SS02 2.5'-4.5' Tan-brown gray sandy CLAY, some concrete debris (fill); moist.		20"/24"	0.9 ppm	→ S12:SL:GN F3-01
5, 6, 7, 8, 9, 10, 11, 12			Borehole terminated at 2.5' BGS; sampling terminated at 4.5'				

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/25/99

CHK'D BY:

S12:SL:GNF2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0815 / FINISH TIME 0900
	TIME	
	DATE	DATE 3/25/99 / DATE 3/25/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	4, 4, 4, 4		SS01 0.0'-2.0' Gray to brown-gray silty CLAY, moist.		11"/24"	6.9 ppm	
2							
3	3, 3, 6, 6		SS02 2.5'-4.5' Tan-brown CLAY with black streaks, noticable petroleum-like odor (likely impacted soil).		20"/24"	35 ppm	→ S12:SL:GNF2-01
4							
5	3, 4, 5, 7		SS03 4.5'-6.5' Tan-grey silty CLAY (Native soil).		20"/24"	4.5 ppm	
6							
7	3, 3, 6, 6		SS04 6.5'-8.5' SAA		22"/24"	9.0 ppm	→ S12:SL:GNF2-02
8							
9	3, 4, 6, 3		SS05 8.5'-10.5' SAA		24"/24"	4.9 ppm	→ S12:SL:GNF2-03
10							
11			Borehole terminated at 8.5' BGS, sampling terminated at 10.5' BGS.				
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 3/25/99

CHK'D BY: ____

S12:SL:GNF1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0930 / FINISH TIME 0945
	TIME	
	DATE	DATE 3/25/99 / DATE 3/25/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	3 5 4 5		SS01 0.0'-2.0' Brown silty loam; roots to 3".		14"/24"	2.2 ppm	
1							
2							
	3 4 6 7		SS02 2.5'-4.5' Tan-gray silty clay.		18"/24"	2.8 ppm	→ S12:SL:GNF1-01
3							
4							
			Borehole terminated at 2.5' BGS, sampling terminated at 4.5' BGS				
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/25/99 CHK'D BY:

S12:SL:GNE1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0950 / FINISH TIME 1005
	TIME	
	DATE	DATE 3/25/99 / DATE 3/25/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	4, 4, 4, 4		SS01 0.0'-2.0' Tan Silty CLAY.		8"/24"	3.5 ppm	
2							
3	4, 4, 6, 7		SS02 2.5'-4.5' Tan-gray Silty CLAY.			5.8 ppm	→ S12:SL:GNE1-01
4							
5			Borehole terminated at 2.5' BGS. Sampling terminated at 4.5' BGS.				
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 3/25/99 CHK'D BY: ____

S12:SL:GNE2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1012 / FINISH TIME 1022
	TIME	
	DATE	DATE 3/25/99 / DATE 3/25/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	2, 2, 4, 5		SS01 0.0'-2.0' Tan silty CLAY, moist.		14" / 24"	4.3 ppm	
2							
3	4, 5, 7, 10		SS02 ~~[illegible]~~ 2.5'-4.5' Tan-gray silty CLAY.			5.2 ppm	→ S12:SL:GNE2-01 → S12:SL:GNE2-01-GT (COMPOSITE)
4							
5			Borehole terminated at 2.5' BGS. Sampling terminated at 4.5' BGS.				
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/25/99 CHK'D BY: ____

S12:SL:GNE3

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

WATER LEVEL
TIME
DATE
CASING DEPTH

BORING NO:
SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1035	1045
DATE	DATE
3/25/99	3/25/99

DATUM: MSL ELEVATION: SURFACE CONDITIONS:
DRILL RIG: CME
ANGLE: Vertical BEARING:
SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	3		SS01 0.0'-2.0' Brown-gray Sandy silty CLAY, moist		14"/24"	4.6 ppm	
1	2						
	4						
	4						
2							
	3		SS02 2.5'-4.5' Tan-gray silty CLAY.		24"/24"	4.0 ppm	→ S12:SL:GNE3-01 → S12:SL:GNE3-01-FD
3	5						
	6						
4	7						
			Borehole terminated at 2.5' BGS. Sampling terminated at 4.5' BGS.				
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/25/99 CHK'D BY:

S12:SL:GND3

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

WATER LEVEL
TIME
DATE
CASING DEPTH

BORING NO:
SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1120	1135
DATE	DATE
3/25/99	3/25/99

DATUM: MSL ELEVATION:
SURFACE CONDITIONS:
DRILL RIG: CME
ANGLE: Vertical BEARING:
SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	3		SS01 0.0'-2.0' Gray-tan Silty CLAY.		18"/24"	2.5 ppm	
1	3						
	5						
	5						
2							
	2		SS02 2.5'-4.5' Tan silty CLAY, some gray CLAY, moist.		18"/24"	3.0 ppm	→ S12:SL:GND3-01
3	4						
	5						
4	6						
			Borehole terminated at 2.5' BGS, Sampling terminated at 4.5' BGS.				
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/25/99 CHK'D BY:

S12:SL:GND2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1140	1150
DATE	DATE
3/25/99	3/25/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

SURFACE CONDITIONS:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	WOH, 3, 4, 8		SS01 0.0'-2.0' Tan silty CLAY, trace tan fine sand at bottom (0.9') of spoon and in drive shoe.		18"/24"	2.6 ppm	
2							
3	6, 6, 7, 11		SS02 2.5'-4.5' Tan fine SAND to 3.5', Tan-brown silty CLAY to 4.5'		24"/24"	2.5 ppm	→ S12:SL:GND2-01
4							
5			Borehole terminated at 2.5' BGS. Sampling terminated at 4.5' BGS.				
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/25/99

CHK'D BY:

EARTH TECH

BOREHOLE LOG

S12:SL:GND1

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1158 / FINISH TIME 1215
	TIME	
	DATE	DATE 3/25/99 / DATE 3/25/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	4		SS01 0.0'-2.0' Dark brown silty CLAY.		11"/24"	2.7 ppm	
1	4						
	6						
	7						
2							
	4		SS02 2.5'-4.5' Tan-gray silty CLAY.		16"/24"	3.7 ppm	→ S12:SL:GND1-01
3	6						
	7						
4	10						
			Borehole terminated at 2.5' BLS. Sampling terminated at 4.5' BLS.				
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWER MORNER

LOGGED BY: JLH

DATE: 3/25/99 CHK'D BY:

S12:SL:GNC2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1315 / FINISH TIME 1336
	TIME	
	DATE	DATE 3/25/99 / DATE 3/25/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	3		SS01 0.0'-2.0' Tan-gray silty CLAY.		24" / 24"	0.0 ppm	
1	3						
	5						
	6						
2							
	3		SS02 2.5'-4.5' SAA		24" / 24"	0.1 ppm	→ S12:SL:GNC2-01 → S12:SL:GNC2-01-GT (COMPOSITE)
3	4						
	4						
4	6						
			Borehole terminated at 2.5' BGS Sampling terminated at 4.5' BGS				
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/25/99 CHK'D BY:

S12:SL:GNC3

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1348 / FINISH TIME 1354
	TIME	
	DATE	DATE 3/25/99 / DATE 3/25/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SS01 0.0'-2.0' Tan-gray silty CLAY, moist.		10"/24"	0.1 ppm	
1	3						
	2						
	3						
2							
	3		SS02 2.5'-4.5' SAA		18"/24"	0.1 ppm	→ S12:SL:GNC3-01
3	3						
	4						
4	4						
			Borehole terminated at 2.5' BGS, Sampling terminated at 4.5' BGS				
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/25/99 CHK'D BY:

S12:SL:GNB3

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1412 / FINISH TIME 1425
	TIME	
	DATE	DATE 3/25/99 / DATE 3/25/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	1		SS01 0.0'-2.0' Gray and tan SAND and GRAVEL - road bed.		10"/12"	0.0 ppm	Auger 0'-1' through packed gravel roadway.
1	1						
	5						
	8						
2							
	5		SS02 2.5'-4.5' No RECOVERY.		0"/24"	N/A	
3	5						
	4						
4	6						
	4		SS03 4.5'-6.5' Dark brown to brown silty CLAY and gravel fragments (from 4'-4' interval).		11"/24"	0.0 ppm	→ S12:SL:GNB3-01
5	5						
	6						
6	7						
			Borehole terminated at 4.5' BGS Sampling terminated at 6.5' BGS				
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/25/99

CHK'D BY:

S12:SL:GNB2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1458	1518
DATE	DATE
3/25/99	3/25/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

SURFACE CONDITIONS:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
			~~[illegible]~~				Auger 0.0'-1.0' Through packed gravel.
1	2 5 8		SS01 1.0'-2.5' Tan-brown silty clay + gravel from roadway		10" / 18"	0.3 ppm	
3	4 4 5 5		SS02 2.5'-4.5' No RECOVERY		0" / 24"	N/A	
5	3 5 6 9		SS03 4.5'-6.5' Tan-brown silty CLAY.			0.5 ppm	→ S12:SL:GNB2-01 → S12:SL:GNB2-01-FD
			Borehole terminated at 4.5' BGS, Sampling completed to 6.5' BGS.				
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/25/99

CHK'D BY:

S12: SL: GNA2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

WATER LEVEL
TIME
DATE
CASING DEPTH

BORING NO:
SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1540	1555
DATE	DATE
3/25/99	3/25/99

DATUM: MSL ELEVATION:
DRILL RIG: CME SURFACE CONDITIONS:
ANGLE: Vertical BEARING:
SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
							Drilled 0'-2.5' due to packed gravel road materials (as encountered in S12:SL:GNB2 and B3).
1							
2							
3	2		SS01 2.5'-4.5' NO RECOVERY		0"/24"	N/A	
	2						
	2						
4	4						
5	2		SS02 4.5'-6.5' Tan to dark brown and black clay - slight "musty-swamp" odor. Apparently native soil.		10"/24"	0.9 ppm	→ S12:SL:GNA2-01
	3						
6	3						
	3		Borehole terminated at 4.5' BGS Sampling terminated at 6.5' BGS				
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/25/99

CHK'D BY:

S13:SL:GNA1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0750 / FINISH TIME 0810
	TIME	
	DATE	DATE 3/26/99 / DATE 3/26/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	3		SS01 0.0'-2.0' Tan-gray Silty CLAY, trace SAND.		12"/24"	1.3 ppm	
1	4						
	4						
	5						
2							
	4		SS02 2.5'-4.5' Tan-orange Sandy, silty CLAY.			1.5 ppm	→ S13:SL:GNA1-01 → S13:SL:GNA1-01-FD
3	4						
	6						
4	6						
			Borehole terminated at 2.5' bgs. Sampling terminated at 4.5' bgs.				
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/26/99 CHK'D BY:

S13:SL:GNB1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

WATER LEVEL
TIME
DATE
CASING DEPTH

BORING NO:
SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
0815	0830
DATE	DATE
3/26/99	3/26/99

DATUM: MSL ELEVATION:
DRILL RIG: CME SURFACE CONDITIONS:
ANGLE: Vertical BEARING:
SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SS01 0.0'-2.0' Tan-gray Sandy, silty CLAY, moist			2.0 ppm	
1	2						
	4						
	6						
2							
	4		SS02 2.5'-4.5' Tan-gray silty CLAY, moist.		24"/24"	2.5 ppm	→ S13:SL:GNB1-01
3	5						
	5						
4	7						
			Borehole terminated at 2.5' bgs. Sampling terminated at 4.5' bgs				
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/26/99

CHK'D BY:

S13:SL:GNC1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME: Ø844 / FINISH TIME: Ø852
	TIME	
	DATE	DATE: 3/26/99 / DATE: 3/26/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	2, 2, 5, 6		SS01 0.0'-2.0' Tan and gray silty sandy CLAY, trace organic matter at 1.0'.		18"/24"	5.4 ppm	
2							
3	4, 5, 7, 6		SS02 2.5'-4.5' Tan and gray sandy clay, moist		24"/24"	3.5 ppm	→ S13:SL:GNC1-01
4							
5			Borehole terminated at 2.5' bgs. Sampling terminated at 4.5' bgs.				
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 3/26/99

CHK'D BY:

S13:SL:GNC2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
0900	0911
DATE	DATE
3/26/99	3/26/99

WATER LEVEL
TIME
DATE
CASING DEPTH
SURFACE CONDITIONS:

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	3, 5, 6, 7		SS01 0.0'-2.0' Dark brown-tan silty CLAY to 0.5'; dark brown silty CLAY to 2.0'.		12"/24"	2.3 ppm	
2							
3	2, 4, 4, 5		SS02 2.5'-4.5' Tan-gray mottled silty sandy CLAY.		24"/24"	2.4 ppm	→ S13:SL:GNC2-01 → S13:SL:GNC2-01-MS → S13:SL:GNC2-01-MD
4							
5			Borehole terminated at 2.5' bgs. Sampling terminated at 4.5' bgs.				
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/26/99

CHK'D BY:

S13:SL:GNB2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
0918	0930
DATE	DATE
3/26/99	3/26/99

WATER LEVEL

TIME

DATE

CASING DEPTH

SURFACE CONDITIONS:

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	3, 5, 4, 5		SS01 0.0'-2.0' Brown Sandy silty CLAY, moist.		13" / 24"	2.1 ppm	
3	3, 4, 4, 4		SS02 2.5'-4.5' Tan-gray mottled Sandy CLAY.		24" / 24"	2.4 ppm	→ S13:SL:GNB2-01 → S13:SL:GNB2-01 GT → S13:SL:GNB2-01 GD
5			Borehole terminated at 2.5' bgs. Sampling terminated at 4.5' bgs.				
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/26/99

CHK'D BY:

S13:SL:GNA2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0943 / FINISH TIME 0952
	TIME	
	DATE	DATE 3/26/99 / DATE 3/26/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	3		SS01 0.0'-2.0' Gray-tan Silty CLAY, moist.		16" / 24"	2.4 ppm	
1	4						
	6						
	6						
2							
	3		SS02 2.5'-4.5' Tan-light gray, sandy silty CLAY.		24" / 24"	2.8 ppm	→ S13:SL:GNA2-01
3	3						
	5						
4	5						
			Borehole terminated at 2.5' bgs. Sampling terminated at 4.5' bgs.				
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/26/99 CHK'D BY: ____

S13:SLGNA3

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1030 / FINISH TIME 1045
	TIME	
	DATE	DATE 3/26/99 / DATE 3/26/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	4, 6, 6, 6		SS01 0.0'-2.0' Brown topsoil to 1.0', tan-gray silty clay to 2.0'		18"/24"	0.0 ppm	
2							
3	5, 5, 5, 7		SS02 2.5'-4.5' Tan, orange, grey mottled silty CLAY.		24"/24"	0.1 ppm	→ S13:SLGNA3-01
4			Borehole terminated at 2.5' bgs. Sampling terminated at 4.5' bgs				
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/26/99 CHK'D BY:

S13:SL:GNB3

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1050 / FINISH TIME 1105
	TIME	
	DATE	DATE 3/26/99 / DATE 3/26/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	3, 6, 6, 7		SS01 | 0.0'-2.0' Brown silty CLAY grading to tan-gray silty CLAY.		12" / 24"	0.0 ppm	
2							
3	3, 4, 5, 5		SS02 | 2.5'-4.5' Tan-gray mottled silty CLAY, moist.		24" / 24"	0.0 ppm	→ S13:SL:GNB3-01
4							
5			Borehole terminated at 2.5' BGS, Sampling terminated at 4.5' BGS.				
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/26/99

CHK'D BY:

S13:SL:GNC3

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1113 / FINISH TIME 1123
	TIME	
	DATE	DATE 3/26/99 / DATE 3/26/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	4, 4, 5, 5		SS01 0.0'-2.0' Brown to dark brown silty CLAY, moist.		13" / 24"	0.0 ppm	
2							
3	7, 9, 8, 8		SS02 2.5'-4.5' Tan-orange gray mottled sandy silty CLAY, moist.		24" / 24"	0.0 ppm	→ S13:SL:GNC3-01
4							
5			Borehole terminated at 2.5' BGS. Sampling terminated at 4.5' BGS.				
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/26/99

CHK'D BY:

S13:SL:GNC4

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1147 / FINISH TIME 1153
	TIME	
	DATE	DATE 3/26/99 / DATE 3/26/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	2, 4, 4, 5		SS#1 0.0'-2.0' Dark brown clay and silt to 3", Tan-gray-brown silty CLAY to 2.0'.		14"/24"	0.0 ppm	
2							
3	2, 3, 4, 8		SS#2 2.5'-4.5' Tan-gray silty CLAY, moist.		24"/24"	0.2 ppm	→ S13:SL:GNC4-01
4							
5			Borehole ~~abandoned~~ terminated at 2.5' bgs; Sampling terminated at 4.5' BGS.				
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/26/99 CHK'D BY:

S13:SL:GNB4

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1202 / FINISH TIME 1210
	TIME	
	DATE	DATE 3/26/99 / DATE 3/26/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
			0.0'-0.5'-GRAVEL				
1	4 / 6 / 8		SS01 0.5'-2.0' Tan to dark brown, stiff sandy CLAY.		11" / 18"	0.0 ppm	
2							
3	3 / 3 / 4 / 4		SS02 2.5'-4.5' Tan-gray silty CLAY, moist.		18" / 24"	0.0 ppm	→ S13:SL:GNB4-01
4							
5			Borehole terminated at 2.5' BGS, Sampling terminated at 4.5' BGS.				
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/26/99 CHK'D BY:

EARTH TECH

BOREHOLE LOG

S13:SL:GNA4

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1230	1228
DATE	DATE
3/26/99	3/26/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

SURFACE CONDITIONS:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	4, 4, 5, 5		SS01 0.0'-2.0' Tan-brown silty CLAY, moist.		14"/24"	0.0 ppm	
2							
3	3, 3, 4, 4		SS02 2.5'-4.5' Tan-brown silty CLAY, some SAND, moist.		24"/24"	0.0 ppm	→ S13:SL:GNA4-01
4							
5			Borehole terminated at 2.5' BGS Sampling terminated at 4.5' BGS				
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/26/99

CHK'D BY:

S37:SL:SFØ1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: [redacted] N/A	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME Ø820 / FINISH TIME Ø830
	WATER LEVEL / TIME / DATE	DATE 3/29/99 / DATE 3/29/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SSØ1 0.0'-2.0' Brown clayey loam, trace coarse sand at 6".		16"/24"	0.4 ppm	→ S37:SL:SFØ1-Ø1
1	4						
	5						
	6						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 3/29/99 CHK'D BY: _____

EARTH TECH

BOREHOLE LOG

S37:SL:SFØ2

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0840 / FINISH TIME 0844
	TIME	
	DATE	DATE 3/29/99 / DATE 3/29/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SS01 0.0'-2.0' Brown clayey loam.		10"/24"	0.5 ppm	→ S37:SL:SFØ2-Ø1
1	3						
	5						
	7						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/29/99

CHK'D BY:

S38:SL:SFØ1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

WATER LEVEL
TIME
DATE
CASING DEPTH

BORING NO:
SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
0850	0857
DATE	DATE
3/29/99	3/29/99

DATUM: MSL ELEVATION:
DRILL RIG: CME SURFACE CONDITIONS:
ANGLE: Vertical BEARING:
SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	2 3 5 8		SS01 0.0'-2.0' Brown silty clay loam, moist		16"/24"	0.4 ppm	→ S38:SL:SFØ1-Ø1 → S38:SL:SFØ1-Ø1-GT
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/29/99 CHK'D BY:

S38:SL:SF02

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0905 / FINISH TIME 0910
	TIME	
	DATE	DATE 3/29/99 / DATE 3/29/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SS01 0.0'-2.0' Tan-gray-brown silty CLAY.		18"/24"	0.4 ppm	→ S38:SL:SF02-01
1	4						
	4						
	6						
2			Sampling terminated at 2.0' bgs.				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 3/29/99

CHK'D BY:

EARTH TECH

S4Ø:SL:SFØ1

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
0930	0940
DATE	DATE
3/29/99	3/29/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SURFACE CONDITIONS:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	4		SSØ1 0.0'-2.0' Brown Silty CLAY, some stone from roadway.		16"/24"	0.0 ppm	→ S4Ø:SL:SFØ1-Ø1
1	4						
	5						
2	2		Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/29/99

CHK'D BY:

EARTH TECH

S40:SL:SF02

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
0950	0955
DATE	DATE
3/29/99	3/29/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SURFACE CONDITIONS:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SS01 0.0'-2.0' Light tan				
1	3		Sandy silty CLAY.		21"	0.0	→ S40:SL:SF02-01
	3				24"	ppm	→ S40:SL:SF02-01-FD
2	4						
			Sampling terminated at 2.0' BLS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/29/99

CHK'D BY:

EARTH TECH

S39:SL:SFØ1

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1000	1006
DATE	DATE
3/29/99	3/29/99

WATER LEVEL

TIME

DATE

CASING DEPTH

SURFACE CONDITIONS:

DATUM: MSL

ELEVATION:

DRILL RIG: CME

ANGLE: Vertical

BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	1		SSØ1 0.0'-2.0' Brown Silty CLAY, moist.		14" / 24"	0.0 ppm	→ S39:SL:SFØ1-Ø1
1	3						→ S39:SL:SFØ1-Ø1-MS
	4						→ S39:SL:SFØ1-Ø1-MD
2	4						
			Sampling terminated at 2.0' bgs				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/29/99

CHK'D BY:

EARTH TECH

S39:SL:SFØ2

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1015	1022
DATE	DATE
3/29/99	3/29/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING: SURFACE CONDITIONS:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SSØ1 0.0'-2.0' Brown				
1	5		Silty CLAY.		20"/24"	0.0 ppm	→ S39:SL:SFØ2-Ø1
	4						
2	3						
			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/29/99

CHK'D BY:

EARTH TECH

S52:SL:SF01

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1030	1035
DATE	DATE
3/29/99	3/29/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SURFACE CONDITIONS:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	2 4 5 3		SS01 0.0'-2.0' Brown Sandy silty CLAY, Some gravel.		15" / 24"	0.0 ppm	→ SS2:SL:SF01-01
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/29/99

CHK'D BY:

EARTH TECH

ACA:SL:SF07

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 of 1

DRILLING

START TIME	FINISH TIME
1350	1400
DATE	DATE
3/30/99	3/30/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SURFACE CONDITIONS:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SS01 0.0'-2.0' Tan-brown silty CLAY.		14" / 24"	0.0 ppm	→ ACA:SL:SF07-01
1	2						
	4						
2	4						
			Sampling terminated at 2.0' BGS.				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/30/99

CHK'D BY:

EARTH TECH

BOREHOLE LOG

ACA:SL:SF06

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1410	1415
DATE	DATE
3/30/99	3/30/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SURFACE CONDITIONS:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	1 / 1 / 2 / 3		SS01 0.0'-2.0' Tan Silty CLAY, moist.		13" / 24"	0.0 ppm	→ ACA:SL:SF06-01
2			Sampling terminated at 2.0' BGS.				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 3/30/99

CHK'D BY:

EARTH TECH

S33:SL:SF01

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

	START	FINISH
TIME	1417	1420
DATE	3/30/99	3/30/99

WATER LEVEL
TIME
DATE

CASING DEPTH

SURFACE CONDITIONS:

DATUM: MSL

ELEVATION:

DRILL RIG: CME

ANGLE: Vertical

BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	1 1 2 3		SS01 0.0'-2.0' Tan-brown silty clay, moist.		11" / 24"	0.2 ppm	→ S33:SL:SF01-01
2			Sampling terminated at 2.0' BGS.				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWER MORNER

LOGGED BY: JLH

DATE: 3/30/99

CHK'D BY:

EARTH TECH

S34:SL:SFØ1

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 oF 1

DRILLING

START TIME	FINISH TIME
1423	1427
DATE	DATE
3/30/99	3/30/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SURFACE CONDITIONS:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SS#1: 0.0'-2.0' Tan silty				
1	3		CLAY, trace rock fragment		18"	0.1 ppm	→ S34:SL:SFØ1-Ø1
	5				24"		→ S34:SL:SFØ1-Ø1-FD
2	5						
			Sampling terminated at 2.0' B.G.S.				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/30/99

CHK'D BY:

EARTH TECH

S49:SL:SFØ1

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1435	1440
DATE	DATE
3/30/99	3/30/99

WATER LEVEL

TIME

DATE

CASING DEPTH

SURFACE CONDITIONS:

DATUM: MSL

ELEVATION:

DRILL RIG: CME

ANGLE: Vertical

BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	5		SSØ1 0.0'-2.0' Tan gravel and silt.		14" / 24"	1.8 ppm	→ S49:SL:SFØ1-Ø1
1	9						→ S49:SL:SFØ1-Ø1-FD
	18						→ S49:SL:SFØ1-Ø1-GT
2	21						
			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/30/99

CHK'D BY:

EARTH TECH

S34:SL:SF Ø2

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1450	1458
DATE	DATE
3/30/99	3/30/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SURFACE CONDITIONS:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SS01 0.0'-2.0' Tan Silty CLAY, moist.		22"/24"	0.4 ppm	→ S34:SL:SFØ2-Ø1
1	4						
	5						
	4						
2			Sampling terminated at 2.0' BGS.				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/30/99

CHK'D BY:

EARTH TECH

S33:SL:SFØ2

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 oF 1

DRILLING	START TIME	FINISH TIME
	1500	1505
DATE	3/30/99	3/30/99

WATER LEVEL
TIME
DATE
CASING DEPTH
SURFACE CONDITIONS:

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	9		SS01 0.0'-2.0' Tan Sandy silts CLAY, Some gravel.		19"/24"	0.6 ppm	→ S33:SL:SFØ2-Ø1
1	8						
	7						
2	7		Sampling terminated at 2.0' BGS.				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/30/99

CHK'D BY:

EARTH TECH

S31:SL:SF01

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1510 / FINISH TIME 1515
	TIME	
DATUM: MSL ELEVATION:	DATE	DATE 3/30/99 / DATE 3/30/99
DRILL RIG: CME	CASING DEPTH	
ANGLE: Vertical BEARING:	SURFACE CONDITIONS:	
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SS01 0.0'-2.0' Tan silty clay - moist.		18"/24"	0.3 ppm	→ S31:SL:SF01-01
1	3						
	6						
	5						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWER MORNER

LOGGED BY: JLH

DATE: 3/30/99

CHK'D BY:

EARTH TECH

S32:SL:SFØ1

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1518 / FINISH TIME 1521
	TIME	
DATUM: MSL ELEVATION:	DATE	DATE 3/30/99 / DATE 3/30/99
DRILL RIG: CME	CASING DEPTH	
ANGLE: Vertical BEARING:	SURFACE CONDITIONS:	
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	5		SS01 0.0'-2.0' Tan Silty CLAY, Some gravel.		10" / 24"	0.3 ppm	→ S32:SL:SFØ1-Ø1
1	6						
	4						
2	3						
			Sampling terminated at 2.0' BMS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 3/30/99

CHK'D BY:

S32:SL:SF Ø2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME: 1550 / FINISH TIME: 1600
	TIME	
DATUM: MSL / ELEVATION:	DATE / CASING DEPTH	DATE: 3/30/99 / DATE: 3/30/99
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical / BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SS01 0.0'-2.0' Tan silty clay, moist.				→ S32:SL:SFØ2-Ø1
1	4						→ S32:SL:SFØ2-Ø1-GT
	5						
2	6		Sampling terminated at 2.0' BGS.				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/30/99

CHK'D BY:

ACA:SL:SFØ5

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1600 / FINISH TIME 1607
	TIME	
	DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	3/30/99 / 3/30/99
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SS01 0.0'-2.0' Brown-gray silty CLAY, trace SAND.		18"/24"	0.6 ppm	→ ACA:SL:SFØ5-Ø1
1	3						
	4						
	4						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/30/99 CHK'D BY: ____

ACA:SL:SF04

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1607 / FINISH TIME 1617
	TIME	
	DATE	DATE 3/30/99 / DATE 3/30/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	2 3 5 5		SS01 0.0'-2.0' Brown-gray silty CLAY, trace gravel from driveway.		16" / 24"	0.5 ppm	→ ACA:SL:SF04-01
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/30/99 CHK'D BY:

ACA:SL:SFØ3

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME 1617 / FINISH TIME 1628
	WATER LEVEL / TIME / DATE	DATE 3/30/99 / DATE 3/30/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	1 2 3 4		SSØ1 0.0'-2.0' Light Tan-brown silty CLAY, moist.		17" / 24"	0.8 ppm	→ ACA:SL:SFØ3-Ø1
2			Sampling terminated at 2.0' BGS.				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/30/99 CHK'D BY:

ACA:SL:SFØ1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME 1628 / FINISH TIME 1637
	WATER LEVEL / TIME / DATE	DATE 3/30/99 / DATE 3/30/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	1 / 1 / 2 / 3		SSØ1 0.0'-2.0' Brown grading to tan silty CLAY.		21"/24"	0.9 ppm	→ ACA:SL:SFØ1-Ø1
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/30/99 CHK'D BY:

EARTH TECH

BOREHOLE LOG

A S35:SL:SFØ1

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1637 / FINISH TIME 1644
	TIME	
	DATE	DATE 3/30/99 / DATE 3/30/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	1		SSØ1 0.0'-2.0' Brown-gray silty CLAY.		14" / 24"	1.2 ppm	→ S35:SL:SFØ1-Ø1
1	2						
	3						
	5						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/30/99 CHK'D BY:

EARTH TECH

S36:SL:SF01

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1648 / FINISH TIME 1650
	TIME	
	DATE	DATE 3/30/99 / DATE 3/30/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	5, 4, 2, 2		SS01 0.0'-2.0' Gray sand and gravel to 0.5", Brown silty CLAY to 2.0'.		15"/24"	1.7 ppm	→ S36:SL:SF01-01
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/30/99 CHK'D BY:

S36:SL:SF02

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 of 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1655 / FINISH TIME 1658
	TIME	
	DATE	DATE 3/30/99 / DATE 3/30/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	3		SS01 0.0'-2.0' Brown silty CLAY.		13" / 24"	0.1 ppm	→ S36:SL:SF02-01
1	2						
	4						
	2						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 3/30/99 CHK'D BY: _____

S48:SL:SFØ1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 oF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1700 / FINISH TIME 1704
	TIME	
DATUM: MSL ELEVATION:	DATE / CASING DEPTH	DATE 3/30/99 / DATE 3/30/99
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	7		SSØ1 0.0'-2.0' Tan-brown SAND and CLAY, trace pebbles.		23" / 24"	0.2 ppm	→ S48:SL:SFØ1-Ø1
1	12						
	13						
2	12		Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/30/99 CHK'D BY: ____

EARTH TECH

ACC:SL:SFØ1

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1710 / FINISH TIME 1717
	TIME	
	DATE	DATE 3/30/99 / DATE 3/30/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	1		SSØ1 0.0'-2.0' Tan Silty CLAY - moist.		24"/24"	0.3 ppm	→ ACC:SL:SFØ1-Ø1
1	1						→ ACC:SL:SFØ1-Ø1-GT
	2						
2	2		Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 3/30/99

CHK'D BY:

EARTH TECH

S35:SL:SFØ2

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME: Ø755 / FINISH TIME: Ø8Ø2
	TIME	
DATUM: MSL ELEVATION:	DATE	DATE: 3/31/99 / DATE: 3/31/99
DRILL RIG: CME	CASING DEPTH	
ANGLE: Vertical BEARING:	SURFACE CONDITIONS:	
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	9		SSØ1 0.0'-2.0' Brown Silty CLAY and organic matter, moist.		16"/24"	0.0 ppm	→ S35:SL:SFØ2-Ø1
1	5						
	3						
	4						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99

CHK'D BY:

ACA:SL:SFØ2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME: ØØ10 / FINISH TIME: ØØ15
	TIME	
	DATE	DATE: 3/31/99 / DATE: 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SSØ1 0.0'-2.0' Brown		18"/24"	0.0 ppm	→ ACA:SL:SFØ2-Ø1
	2		Silty CLAY, moist.				→ ACA:SL:SFØ2-Ø1-FD
1	3						→ ACA:SL:SFØ2-Ø1-MS
	4						→ ACA:SL:SFØ2-Ø1-MD
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 3/31/99

CHK'D BY:

S31:SL:SFØ2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME: 0830 / FINISH TIME: 0836
	WATER LEVEL / TIME / DATE	DATE: 3/31/99 / DATE: 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	3		SS01 0.0'-2.0' Brown Sandy silty CLAY.		13" / 24"	0.0 ppm	→ S31:SL:SFØ2-Ø1
1	6						
	5						
	5						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 3/31/99

CHK'D BY:

ACA:SL:SFØ8

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0842 / FINISH TIME 0845
	TIME	
	DATE	DATE 3/31/99 / DATE 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	8		SS01 0.0'-2.0' Tan sandy clay to 1.0', gray gravel to 2.0'.		17"/24"	0.0 ppm	→ ACA:SL:SFØ8-Ø1
1	5						
	3						
	4						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99 CHK'D BY:

ACA : SL : SF Ø9

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME: Ø848 / FINISH TIME: Ø853
	TIME	
	DATE	DATE: 3/31/99 / DATE: 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	3		SS Ø1 Ø.Ø'-2.Ø' Tan Sandy CLAY (FILL).		15" / 24"	Ø.Ø ppm	→ ACA : SL : SF Ø9 - Ø1
1	3						→ ACA : SL : SF Ø9 - Ø1 - GT
	7						
	1Ø						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99 CHK'D BY:

S46:SL:SFØ1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME: 0900 / FINISH TIME: 0905
	TIME	
	DATE	DATE: 3/31/99 / DATE: 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	3		SSØ1 0.0'-2.0' Tan Sandy CLAY, some gravel (FILL),		20"/24"	0.0 ppm	→ S46:SL:SFØ1-ØI
1	5						
	14						
	14						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99 CHK'D BY:

ACA:SL:SF10

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0910 / FINISH TIME 0914
	TIME	
	DATE	DATE 3/31/99 / DATE 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SS01 0.0'-2.0' Tan-brown silty clay, moist.		21" / 24"	0.0 ppm	→ ACA:SL:SF10-01
1	4						
	4						
	5						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99

CHK'D BY:

ACA:SL:SF11

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME: 0920 / FINISH TIME: 0922
	TIME	
	DATE	DATE: 3/31/99 / DATE: 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	4		SS01 0.0'-2.0' Brown-tan silty CLAY.		21"/24"	0.0 ppm	→ ACA:SL:SF11-01
1	6						
	7						
	10						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99

CHK'D BY:

EARTH TECH

ACB:SL:SFØ1

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO.
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME: Ø956 / FINISH TIME: 1000
	TIME	
	DATE	DATE: 3/31/99 / DATE: 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	4		SBØ1 0.0'-2.0' Gray-brown Sandy CLAY.		20"	0.0 ppm	→ ACB:SL:SFØ1-Ø1
1	3				24"		→ ACB:SL:SFØ1-Ø1-FD
	4						→ ACB:SL:SFØ1-Ø1-MS
2	6						→ ACB:SL:SFØ1-Ø1-MD
			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99

CHK'D BY:

ACA: SL: SF12

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1018 / FINISH TIME 1024
	TIME	
	DATE	DATE 3/31/99 / DATE 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	4		SS01 0.0'-2.0' Brown sandy CLAY, some gravel from driveway.		19" / 24"	0.0 ppm	→ ACA: SL: SF12-01
1	11						
	7						
	9						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99 CHK'D BY:

S41:SL:SF01

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1029 / FINISH TIME 1033
	TIME	
	DATE	DATE 3/31/99 / DATE 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	1 4 3 1		SS01 0.0'-2.0' Brown-tan Sandy CLAY, Some coarse SAND.		19" / 24"	0.0 ppm	→ S41:SL:SF01-01
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99 CHK'D BY:

S41:SL:SFØ2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1038 / FINISH TIME 1046
	TIME	
	DATE	DATE 3/31/99 / DATE 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SS01 0.0'-2.0' Brown Sandy CLAY.		18" / 24"	0.0 ppm	→ S41:SL:SFØ2-Ø1
1	1						→ S41:SL:SFØ2-Ø1-FD
	1						→ S41:SL:SFØ2-Ø1-MS
	2						→ S41:SL:SFØ2-Ø1-MD
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99 CHK'D BY: ____

EARTH TECH

BOREHOLE LOG

S41:SL:SFØ3

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1055 / FINISH TIME 1059
	TIME	
	DATE	DATE 3/31/99 / DATE 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	3		SS#1 0.0'-2.0' Tan silty CLAY, Some SAND.		18" / 24"	0.0 ppm	→ S41:SL:SFØ3-Ø1
1	5						→ S41:SL:SFØ3-Ø1-GT
	3						
2	3		Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99

CHK'D BY:

ACB:SL:SFØ2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1107 / FINISH TIME 1109
	TIME	
	DATE	DATE 3/31/99 / DATE 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	1		SS01 0.0'-2.0' Brown-tan silty, sandy CLAY, moist.		19"/24"	0.0 ppm	→ ACB:SL:SFØ2-Ø1
1	2						→ ACB:SL:SFØ2-Ø1-GT
	3						→ ACB:SL:SFØ2-Ø1-GD
	3						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99 CHK'D BY: _____

ACA:SL:SF13

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1118 / FINISH TIME 1122
	TIME	
	DATE	DATE 3/31/99 / DATE 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SS01 0.0'-2.0' Tan-brown Sandy CLAY.		20"/24"	0.0 ppm	→ ACA:SL:SF13-01
1	3						
	5						
	4						
2			Sampling terminated at 2.0' BLS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99 CHK'D BY:

EARTH TECH

BOREHOLE LOG

ACH:SL:SFØ1

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1300 / FINISH TIME 1308
	TIME	
	DATE	DATE 3/31/99 / DATE 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	1		SSØ1 0.0'-2.0' Tan Silty CLAY, moist to wet.		18"/24"	0.1 ppm	→ ACH:SL:SFØ1-Ø1 → ACH:SL:SFØ1-Ø1-FD
1	1						
	3						
	4						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99 CHK'D BY: _____

ACH:SL:SFØ2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1338	1341
DATE	DATE
3/31/99	3/31/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

SURFACE CONDITIONS:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	1		SSØ1 0.0'-2.0' Tan silty CLAY, wet (surface has ponded water).		18" / 24"	0.3 ppm	→ ACH:SL:SFØ2-Ø1
1	1						→ ACH:SL:SFØ2-Ø1-MS
	2						→ ACH:SL:SFØ2-Ø1-MD
	2						→ ACH:SL:SFØ2-Ø1-GT
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99

CHK'D BY:

EARTH TECH

BOREHOLE LOG

ACH:SL:SFØ3

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1351 / FINISH TIME 1355
	TIME	
	DATE	DATE 3/31/99 / DATE 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET		BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
		1		SS01 0.0'-2.0' Tan-brown silty CLAY - wet.		18" / 24"	0.1 ppm	→ ACH:SL:SFØ3-Ø1 → ACH:SL:SFØ3-Ø1-GT → ACH:SL:SFØ3-Ø1-GD
1		1						
		3						
		9						
2				Sampling terminated at 2.0' BGS				
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99

CHK'D BY:

EARTH TECH

ACH:SL:SF04

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1405 / FINISH TIME 1408
	TIME	
	DATE	DATE 3/31/99 / DATE 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	1		SS01 0.0'-2.0' Light brown to tan silty CLAY, wet,		19"/24"	0.3 ppm	→ ACH:SL:SF04-01
1	1						
	3						
	4						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99 CHK'D BY: ____

SS1:SL:SFØ1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1415 / FINISH TIME 1420
	TIME	
	DATE	DATE 3/31/99 / DATE 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	3		SSØ1 0.0'-2.0' Brown silty CLAY, dry to slightly moist.		22" / 24"	0.0 ppm	→ SS1:SL:SFØ1-Ø1
1	5						→ SS1:SL:SFØ1-Ø1-MS
	7						→ SS1:SL:SFØ1-Ø1-MD
	10						→ SS1:SL:SFØ1-Ø1-GT
2			Sampling terminated at 20' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99 CHK'D BY: ____

S27:SL:SF01

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1430 / FINISH TIME 1435
	TIME	
	DATE	DATE 3/31/99 / DATE 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	10		SS01 0.0'-2.0' Light brown SAND and silty CLAY; dry to moist.		13" / 24"	0.5 ppm	→ S27:SL:SF01-01
1	5						
	3						
	4						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWER MORNER

LOGGED BY: JLH

DATE: 3/31/99 CHK'D BY:

S27:SL:SF02

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 of 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1441 / FINISH TIME 1445
	TIME	
	DATE	DATE 3/31/99 / DATE 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	11 / 7 / 4 / 3		SS01 0.0'-2.0' Tan sand and gray gravel (FILL)- dry.		14" / 24"	0.4 ppm	S27:SL:SF02-01
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99 CHK'D BY:

S27:SL:SFØ3

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1450	1454
DATE	DATE
3/31/99	3/31/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME SURFACE CONDITIONS:

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	4		SS01 0.0'-2.0' Tan silty CLAY, dry.		14" / 24"	0.7 ppm	→ S27:SL:SFØ3-Ø1 → S27:SL:SFØ3-Ø1 GT
1	3						
	4						
	8						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99

CHK'D BY:

S30:SL:SFØ1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 oF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1523 / FINISH TIME 1528
	TIME	
	DATE	DATE 3/31/99 / DATE 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	3		SSØ1 0.0'-2.0' Tan-brown silty CLAY-moist.		20"/24"	0.4 ppm	→ S30:SL:SFØ1-Ø1
1	4						
	4						
	6						
2			Sampling terminated at 2.0' bgs				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99 CHK'D BY:

EARTH TECH

S30:SL:SF02

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 of 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1540 / FINISH TIME 1544
	TIME	
	DATE	DATE 3/31/99 / DATE 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	3		SS01 0.0'-2.0' Brown Silty CLAY.		24"	0.6 ppm	→ S30:SL:SF02-01
1	1				24"		→ S30:SL:SF02-01-FD
	5						
	3						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 3/31/99 CHK'D BY:

S30:SL:SF03

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1550 / FINISH TIME 1554
	TIME	
	DATE	DATE 3/31/99 / DATE 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	1		SS01 0.0'-2.0' Tan-brown silty CLAY,		18"/24"	0.8 ppm	→ S30:SL:SF03-01
1	2						→ S30:SL:SF03-01-MS
	3						→ S30:SL:SF03-01-MD
	3						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99 CHK'D BY:

S29:SL:SFØ1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME 1605 / FINISH TIME 1610
	WATER LEVEL / TIME / DATE / CASING DEPTH	DATE 3/31/99 / DATE 3/31/99
DATUM: MSL ELEVATION:		
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SS01 0.0'-2.0' Tan-brown silty CLAY.		12"/24"	0.3 ppm	→ S29:SL:SFØ1-Ø1
1	1						
	3						
	6						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99 CHK'D BY:

S29:SL:SF02

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME 1619 / FINISH TIME 1621
	WATER LEVEL / TIME / DATE	DATE 3/31/99 / DATE 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	29		SS#1 0.0'-2.0' Tan-gray SAND and PEBBLES, wet. (FILL).		19" / 24"	0.3 ppm	→ S29:SL:SF02-01
1	6						
	6						
	6						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99 CHK'D BY: ____

EARTH TECH

BOREHOLE LOG

S29:SL:SF03

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1629 / FINISH TIME 1632
	TIME	
	DATE	DATE 3/31/99 / DATE 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	30		SS01 0.0'-2.0' Concrete to 3", tan sand and clay to 15", Brown Sandy Silty CLAY to 2.0'.		20" / 24"	1.4 ppm	→ S29:SL:SF03-01
1	32						
	18						
	9						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 3/31/99

CHK'D BY:

S50:SL:SFØ1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

WATER LEVEL
TIME
DATE
CASING DEPTH

BORING NO:
SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1640	1645
DATE	DATE
3/31/99	3/31/99

DATUM: MSL ELEVATION:
SURFACE CONDITIONS:
DRILL RIG: CME
ANGLE: Vertical BEARING:
SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	32		SS01 0.0'-2.0' Concrete to 8", tan Sand to 12", Brown Silty Clay to 2.0'.		15" / 24"	0.4 ppm	→ S50:SL:SFØ1-Ø1
1	45						
	12						
	11						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99

CHK'D BY:

S29:SL:SF04

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1653 / FINISH TIME 1656
	TIME	
	DATE	DATE 3/31/99 / DATE 3/31/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	4		SS01 0.0'-2.0' Tan sandy CLAY and SAND.		21"/24"	0.8 ppm	→ S29:SL:SF04-01
1	5						→ S29:SL:SF04-01-GT
	7						
	6						
2			Sampling terminated at 2.0' BGS.				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 3/31/99 CHK'D BY:

ACH:SL:SF05

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0925 / FINISH TIME 0930
	TIME	
	DATE	DATE 4/1/99 / DATE 4/1/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	7		SS01 0.0'-2.0' Tan silty CLAY, trace concrete rubble.		23" / 24"	0.3 ppm	→ ACH:SL:SF05-01
1	7						
	5						
	4						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 4/1/99

CHK'D BY:

ACA:SL:SF14

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0940 / FINISH TIME 0945
	TIME	
	DATE	DATE 4/1/99 / DATE 4/1/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SS01 0.0'-2.0' Tan silty CLAY.		24" / 24"	1.2 ppm	→ ACA:SL:SF14-01 → ACA:SL:SF14-01-GT
1	3						
	3						
	4						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/1/99

CHK'D BY:

ACA:SL:SF15

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO.
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0950 / FINISH TIME 0955
	TIME	
	DATE	DATE 4/1/99 / DATE 4/1/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	1		SS01 0.0'-2.0' Brown		24"	0.3	
	2		Silty CLAY.		/	ppm	→ ACA:SL:SF15-01
1	3				24"		→ ACA:SL:SF15-01-FD
	4						
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 4/1/99

CHK'D BY:

ACH:SL:SF06

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1010 / FINISH TIME 1015
	TIME	
	DATE	DATE 4/1/99 / DATE 4/1/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SS01 0.0'-2.0' Tan silty CLAY, moist.		24" / 24"	0.0 ppm	→ ACH:SL:SF06-01
1	3						
	3						
	4						
2			Sampling terminated at 2.0' BGS.				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/1/99

CHK'D BY:

ACA:SL:SF16

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1020 / FINISH TIME 1025
	TIME	
	DATE	DATE 4/1/99 / DATE 4/1/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SS01 0.0'-2.0' Brown-tan silty clay. (Dark brown first 6").		19"/24"	0.4 ppm.	→ ACA:SL:SF16-01
1	4						
	4						
	6						
2			Sampling terminated at 2.0' BLS.				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 4/1/99

CHK'D BY:

ACF:SL:SF01

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1030 / FINISH TIME 1035
	TIME	
	DATE	DATE 4/1/99 / DATE 4/1/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SS01 0.0'-2.0' Brown Silty CLAY, moist.		20"	0.4	→ ACF:SL:SF01-01
1	4				24"	ppm	→ ACF:SL:SF01-01-FD
	6						
	6						
2			Sampling terminated at 2.0' BLS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/1/99 CHK'D BY:

ACA:SL:SF17

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1045 / FINISH TIME 1048
	TIME	
	DATE	DATE 4/1/99 / DATE 4/1/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	1		SS01 0.0'-2.0' Brown Sandy CLAY - moist.		24" / 24"	0.0 Poor	→ ACA:SL:SF17-01
1	3						
	5						
	9						
2			Sampling terminated at 2.0' BLS.				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 4/1/99

CHK'D BY:

ACA:SL:SF18

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1050 / FINISH TIME 1057
	TIME	
	DATE	DATE 4/1/99 / DATE 4/1/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2		SS01 0.0'-2.0' Brown silty CLAY, trace concrete rubble, moist.		16" / 24"	0.0 ppm	→ ACA:SL:SF18-01
1	4						
	9						
	8						
2			Sampling terminated at 2.0' BGS.				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 4/1/99

CHK'D BY: ____

ACF:SL:SF02

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

WATER LEVEL
TIME
DATE
CASING DEPTH

BORING NO:
SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1105	1106
DATE	DATE
4/1/99	4/1/99

DATUM: MSL ELEVATION:
DRILL RIG: CME SURFACE CONDITIONS:
ANGLE: Vertical BEARING:
SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	5 7 4 6		SS01 0.0'-2.0' Brown-gray Sandy CLAY, Some Concrete rubble, moist to wet.		24" / 24"	0.0 ppm	ACF:SL:SF02-01 ACF:SL:SF02-01-MS ACF:SL:SF02-01-MD ACF:SL:SF02-01-GT
2			Sampling terminated at 2.0' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/1/99

CHK'D BY:

S47:SL:SFØ1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1125	1145
DATE	DATE
4/1/99	4/1/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME SURFACE CONDITIONS:

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	5		SSØ1 0.0'-2.0' Tan silty CLAY and SAND. becomes black @ 20"!		24"/24"	3.3 ppm	→ S47:SL:SFØ1-Ø1
1	8						
	9						
	3						
2	6		SSØ2 2.0'-4.0' Tan/brown silty CLAY traces of black, noticable odor - diesel fuel		~~16"~~ ~~24"~~ 16"/24"	14.3 ppm	
	5						
3	5						
	5						
4	4		SSØ3 4.0'-6.0' Tan-gray silty CLAY.		14"/24"	0.0 ppm	→ S47:SL:SFØ1-Ø2
	6						
5	6						
	5						
6			Borehole terminated at 4.0' BGS. Sampling terminated at 6.0' BGS.				
7							
8							
9							
10							
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/1/99

CHK'D BY:

S42:SL:SL01

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

WATER LEVEL
TIME
DATE
CASING DEPTH

BORING NO:
SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1100	1130
DATE	DATE
4/5/99	4/5/99

DATUM: MSL ELEVATION:
DRILL RIG: CME SURFACE CONDITIONS:
ANGLE: Vertical BEARING:
SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	4, 4, 4, 4		SS01 0.0'-2.0' Brown-gray silty CLAY-trace gravel (from surface driveway).		19"/24"	0.4 ppm	→ S42:SL:SL01-01 → S42:SL:SL01-01-MS → S42:SL:SL01-01-MD
2, 3	4, 6, 6, 7		SS02 2.0'-4.0' Tan-gray silty CLAY.		22"/24"	1.4 ppm	→ S42:SL:SL01-02 → S42:SL:SL01-02-FD → S42:SL:SL01-02-GT
4, 5, 6, 7, 8, 9, 10, 11, 12			Borehole terminated at 2.0' Sampling terminated at 4.0' BGS.				

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH DATE: 4/5/99 CHK'D BY:

S45:SL:SL01

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1144 / FINISH TIME 1205
	TIME	
	DATE	DATE 4/5/99 / DATE 4/5/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	3, 4, 4, 4		SS01 0.0'-2.0' Tan silty CLAY, moist.		16"/24"	1.3 ppm	
2, 3	5, 6, 7, 8		SS02 2.0'-4.0' Gray silty CLAY, moist.		14"/24"	3.8 ppm	
4, 5	2, 3, 5, 6		SS03 4.0'-6.0' Tan-gray silty clay.		16"/24"	6.4 ppm	
6, 7	5, 5, 7, 7		SS04 6.0'-8.0' Tan-brown silty CLAY.		18"/24"	0.0 ppm	→ S45:SL:SL01-04 → S45:SL:SL01-04-GT.
8			Borehole terminated at 6.0' BGS Sampling terminated at 8.0' BGS				
9, 10, 11, 12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 4/5/99 CHK'D BY: ____

S23:SL:SL01

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 of 2

DRILLING

START TIME	FINISH TIME
1356	1417
DATE	DATE
4/5/99	4/5/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME SURFACE CONDITIONS:

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET		BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1								
2								
3								
4								
5								
6								
7								
8								
9								
10		4		SS01 10.0'-12.0' Brown-tan silty CLAY, moist.		24"	0.0 ppm	
11		5				24"		
		4						
		5						
12								

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/5/99

CHK'D BY:

S23:SL:SL01

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 2 of 2

DRILLING

START TIME	FINISH TIME
DATE	DATE

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

SURFACE CONDITIONS:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12							
	2		SS02 12.0'-14.0' Tan-brown silty CLAY.		24" / 24"	0.0 ppm	→ S23:SL:SL01-02
13	2						
	2						
	3						
14			Borehole terminated at 12.0' BGS Sampling terminated at 14.0' BGS				
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

S23:SL:SL402

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1420 / FINISH TIME 1455
	TIME	
	DATE	DATE 4/5/99 / DATE 4/5/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1							
2							
3							
4							
5							
6							
7							
8							
9							
10	3		SS01 10.0'-12.0' Tan-brown silty CLAY-moist		24"/24"	1.8 ppm	
11	4						
	4						
12	5						

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/5/99

CHK'D BY:

S23:SL:SL02

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME / FINISH TIME
	WATER LEVEL / TIME / DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	2		SS02 12.0'-14.0' Brown-tan SILT and CLAY, moist.		24" / 24"	0.0 ppm	→ S23:SL:SL02-02
13	2						
	3						
	3						
14			Borehole terminated at 14.0' BGS; Sampling terminated at 14.0' BGS.				
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: ROWSER MORAER

LOGGED BY: JLH

DATE:

CHK'D BY:

SB3:SL:SL03

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

WATER LEVEL
TIME
DATE
CASING DEPTH

BORING NO:
SHEET: 1 OF 2

DRILLING

START TIME	FINISH TIME
0740	0805
DATE	DATE
4/7/99	4/7/99

DATUM: MSL ELEVATION:
DRILL RIG: CME SURFACE CONDITIONS:
ANGLE: Vertical BEARING:
SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET		BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	AND SAMPLE NUMBER DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1								
2								
3								
4								
5								
6								
7								
8								
9								
10		2		~~Tan~~ SS01 10.0'-12.0' Tan gravel, wet.		6"/24"	2.2 ppm	
11		1						
		1						
		1						
12								

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/7/99

CHK'D BY:

S23:SL:SL03

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 2 of 2

DRILLING

START TIME	FINISH TIME
DATE	DATE

WATER LEVEL

TIME

DATE

CASING DEPTH

SURFACE CONDITIONS:

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	2		SS02 12.0'-14.0' Tan, medium to coarse SAND, trace SILT, wet.		18" / 24"	2.6 ppm	→ S23:SL:SL03-02
13	1						
	2						
14	2		Borehole terminated at 12.0' BGS. Sampling terminated at 14.0' BGS.				
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

S23:SL:SL04

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 2

DRILLING

START TIME	FINISH TIME
0815	0842
DATE	DATE
4/7/99	4/7/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME SURFACE CONDITIONS:

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1							
2							
3							
4							
5							
6							
7							
8							
9							
10	3		SS81 10.0'-12.0' Tan SAND and CLAY, wet.		24"/24"	1.6 ppm	
11	4						
	5						
	5						
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/7/99

CHK'D BY:

S23:SL:SL04

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

WATER LEVEL
TIME
DATE
CASING DEPTH

BORING NO:
SHEET: 2 of 2

DRILLING

START TIME	FINISH TIME
DATE	DATE

DATUM: MSL ELEVATION:
DRILL RIG: CME SURFACE CONDITIONS:
ANGLE: Vertical BEARING:
SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12							
	3		SS02 [12.0'-14.0' Tan silty CLAY, some SAND, wet.		24" / 24"	0.0 ppm	→ S23:SL:SL04-002
	3						
13	2						
	W						
14			Borehole terminated at 12.0' BGS; Sampling terminated at 14.0' BGS				
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE:

CHK'D BY:

S44:SL:SLØ1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
0920	1000
DATE	DATE
4/7/99	4/7/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

SURFACE CONDITIONS:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1			0.0'-2.0' Asphalt to 3", Brown silty CLAY to 2.0' (logged from cuttings).			0.0 ppm	
2	3		SSØ1 2.0'-4.0' Tan silty CLAY, some SAND, dry to slightly moist.		16"/24"	0.8 ppm	
3	6						
	6						
	13						
4	5		SSØ2 4.0'-6.0' Brown-black silty CLAY; slight odor (oil waste).		6"/24"	110 ppm	→ S44:SL:SLØ1-Ø2
5	12						
	5						
	8						
6	4		SSØ3 6.0'-8.0' Tan silty CLAY - no odor.		18"/24"	40 ppm	→ S44:SL:SLØ1-Ø3
7	6						
	8						
	12						
8	3		SSØ4 8.0'-10.0' Tan silty CLAY, moist, no odor.		18"/24"	0.0 ppm	→ S44:SL:SLØ1-Ø4
9	5						
	6						
	11						
10			Borehole terminated at 8.0' BGS. Sampling terminated at 10.0' BGS.				
11							
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 4/7/99

CHK'D BY:

S43:SL:SL01

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1018 / FINISH TIME 1048
	TIME	
	DATE	DATE 4/7/99 / DATE 4/7/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	2 3 3 3		SS01 0.0'-2.0' Brown-tan silty CLAY, moist.		13"/24"	0.0 ppm	
2 3	1 2 1 3		SS02 2.0'-4.0' Brown-gray silty CLAY.		8"/24"	0.1 ppm	
4 5	1 2 2 3		SS03 4.0'-6.0' SAA, some rocks from above.		12"/24"	0.1 ppm	
6 7	3 2/18" 1 1		SS04 6.0'-8.0' Dark-brown silty CLAY, wet.		12"/24"	6.8 ppm	→ S43:SL:SL01-04
8 9	WOH 1 1 1		SS05 8.0'-10.0' SAA		17"/24"	0.0 ppm	→ S43:SL:SL01-05
10 11 12			Borehole terminated at 8.0' BGS. Sampling terminated at 10.0' BGS.				→ S43:SL:SL01-GT (Composite geotechnical sample 0'-10')

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/7/99

CHK'D BY:

EARTH TECH

BOREHOLE LOG

S43:SL:SL02

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1058 / FINISH TIME 1125
	TIME	
	DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	4/7/99 / 4/7/99
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	1, 2, 2, 3		SS01 0.0'-2.0' Brown silty CLAY, moist.		16" / 24"	0.0 ppm	
2, 3	2, 2, 3, 3		SS02 2.0'-4.0' Tan silty CLAY, wet.		16" / 24"	3.0 ppm	
4, 5	3, 3, 4, 6		SS03 4.0'-6.0' SAA		23" / 24"	5.5 ppm	
6, 7	3, 4, 5, 6		SS04 6.0'-8.0' SAA		20" / 24"	0.0 ppm	→ S43:SL:SL02-04
8, 9, 10, 11, 12			Borehole terminated at 6.0' BGS. Sampling terminated at 8.0' BGS.				

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/7/99

CHK'D BY:

S20:SL:SLØ1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1345 / FINISH TIME 1410
	TIME	
	DATE	DATE 4/7/99 / DATE 4/7/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
			0.0'-7.0' Tan silty CLAY (from cuttings)				
1							
2							
3							
4							
5							
6							
7	WOH		SS01 7.0'-9.0' Tan-gray silty CLAY, moist.		16"/24"	3.0 ppm	
8	2						
	1						
	3						
9	2		SS02 9.0'-11.0' SAA		17"/24"	0.0 ppm	S20:SL:SLØ1-Ø2
10	4						
	4						
	10						
11			Borehole terminated at 9.0' BGS; Sampling terminated at 11.0' BGS.				
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 4/7/99

CHK'D BY:

BGS:SL:BG06

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

WATER LEVEL
TIME
DATE
CASING DEPTH

BORING NO:
SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1510	1535
DATE	DATE
4/7/99	4/7/99

DATUM: MSL ELEVATION:
DRILL RIG: CME SURFACE CONDITIONS:
ANGLE: Vertical BEARING:
SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
	2 3 6 7		SS01 0.0'-2.0' Brown-tan silty CLAY, moist.		20"/24"	NOT TAKEN	→ BGS:SL:BG06-01
1							
2							
3							
4							
5							
6							
7							
8	4 4 5 6		SS02 8.0'-10.0' SAA, trace orange SAND, moist.		26"/24"	NOT TAKEN	→ BGS:SL:BG06-02
9							
10			Borehole terminated at 8.0' BGS. Sampling terminated at 10.0' BGS.				
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/7/99 CHK'D BY:

BGS:SL:BG07

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1542 / FINISH TIME 1556
	TIME	
	DATE	DATE 4/7/99 / DATE 4/7/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	3, 2, 2, 5		SS01 0.0'-2.0' Brown to tan SAND and SANDY CLAY		16"/24"	NOT TAKEN	→ BGS:SL:BG07-01
2							
3							
4							
5							
6							
7							
8	4, 4, 5, 6		SS02 8.0'-10.0' Brown silty CLAY, trace SAND, moist.		24"/24"	NOT TAKEN	→ BGS:SL:BG07-02
9							
10			Borehole terminated at 8.0' BGS. Sampling terminated at 10.0' BGS.				
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/7/99

CHK'D BY:

EARTH TECH

BOREHOLE LOG

S06:SL:GNC1

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0833 / FINISH TIME 0929
	TIME	
	DATE	DATE 4/8/99 / DATE 4/8/99
	CASING DEPTH	
DATUM: MSL / ELEVATION:	SURFACE CONDITIONS:	
DRILL RIG: CME		
ANGLE: Vertical / BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
			0.0'-3.0' Tan silty CLAY, moist. (from cuttings)				
1							
2							
3	14		SS01 3.0'-5.0' Brown Compact sandy CLAY and sand, friable, dry, no odor.		14"/24"	0.8 ppm	
4	11						
	12						
	15						
5	5		SS02 5.0'-7.0' Olive-brown silty sandy CLAY, dry, friable, no odor.		15"/24"	0.9 ppm	
	5						
6	6						
	8						
7	4		SS03 7.0'-9.0' SAA, slightly more CLAY content.		19"/24"	1.0 ppm	
	7						
8	9						
	9						
9	3		SS04 9.0'-11.0' Olive, brown, tan, silty CLAY.		20"/24"	0.8 ppm	
	6						
10	6						
	8						
11	4		SS05 11'-13.0' SAA		16"/24"	0.8 ppm	
	8						
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/8/99

CHK'D BY:

EARTH TECH

BOREHOLE LOG

S06:SL:GNCI

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME / FINISH TIME
	WATER LEVEL	
	TIME	
	DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12							
	10						
	9						
13	2		SS06 13.0'-15.0' SAA		8" / 24"	0.9 ppm	→ S06:SL:GNCI-01
	6						
14	7						
	6						
15			Borehole terminated at 13.0' BGS. Sampling terminated at 15.0' BGS.				
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: Rowser Marker

LOGGED BY: JLH

CHK'D BY:

DATE:

EARTH TECH

BOREHOLE LOG

S06:SL:SL01

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 2

DRILLING

START TIME	FINISH TIME
0825	0935
DATE	DATE
4/12/99	4/12/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

SURFACE CONDITIONS:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	3, 10, 20, 14		SS01 0.0'-2.0' Tan-brown silty clay to 8", Concrete rubble to 2.0'.		18"/24"	0.0 ppm	
2, 3	10, 6, 5, 7		SS02 2.0'-4.0' Brown-black silty CLAYEY material, wet. (Stabilized Waste Material: SWM).		12"/24"	71 ppm	
4, 5	6, 3, 3, 12		SS03 4.0'-6.0' NO RECOVERY		0"/24"	N/A	
6, 7	5, 7, 11, 9		SS04 6.0'-8.0' Brown-black sandy waste material.		14"/24"	300 ppm	→ S06:SL:SC01-04
8, 9	5, 6, 8, 8		SS05 8.0'-10.0' SAA		16"/24"	132 ppm	
10, 11, 12	4, 6, 7, 8		SS06 10.0'-12.0' SAA		15"/24"	48 ppm	

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/12/99

CHK'D BY:

S06:SL:SL01

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

WATER LEVEL
TIME
DATE
CASING DEPTH

BORING NO:
SHEET: 2 of 2

DRILLING

START TIME	FINISH TIME
DATE	DATE

DATUM: MSL
ELEVATION:
SURFACE CONDITIONS:
DRILL RIG: CME
BEARING:
ANGLE: Vertical
SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	4		SS07 12.0'-14.0' SAA to 12.5', becomes black silty sludge. Base of waste at 13.0' BGS.		10"/24"	152 ppm	
13	6						
	5						
	5						
14	WOH		SS08 14.0'-16.0' Tan-gray silty clay, native soil, no odor or noticeable contamination.		12"/24"	2.0 ppm	
	3						
15	4						
	7						
16			Borehole terminated at 14.0' BGS. Sampling terminated at 16.0' BGS.				
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

CHK'D BY:

DATE:

EARTH TECH

BOREHOLE LOG

S09:SL:SL01

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

WATER LEVEL
TIME
DATE
CASING DEPTH

BORING NO:
SHEET: 1 OF 2

DRILLING

START TIME	FINISH TIME
1030	1215
DATE	DATE
4/12/99	4/12/99

DATUM: MSL ELEVATION: SURFACE CONDITIONS:
DRILL RIG: CME
ANGLE: Vertical BEARING:
SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	2, 3, 5, 6		SS01 0.0'-2.0' Tan silty CLAY, moist, Native Soil.		18"/24"	0.0 ppm	
2, 3	6, 8, 10, 13		SS02 2.0'-4.0' Tan-brown silty CLAY, moist.		18"/24"	0.0 ppm	
4, 5	4, 6, 8, 9		SS03 4.0'-6.0' SAA		16"/24"	0.0 ppm	
6, 7	3, 3, 4, 4		SS04 6.0'-8.0' SAA		19"/24"	1.0 ppm	
8, 9	2, 2, 2, 2		SS05 8.0'-10.0' Tan-gray silty CLAY to 9.0' BGS, black-brown sludge (Swm) to 10.0'		10"/24"	200 ppm	→ S09:SL:SL01-05
10, 11, 12	WOH, WOH, 2, 2		SS06 10.0'-12.0' Tan-gray silty CLAY, trace black sludge material (5%) possibly from upper interval (8'-10')		8"/24"	140 ppm	

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/12/99

CHK'D BY:

S09:SL:SL01

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME / FINISH TIME
	WATER LEVEL / TIME / DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	WOH, 3, 2, 3		SS07 12.0'-14.0' Tan Silty CLAY and black sludge material.		14"/24"	15.6 ppm	
13, 14	WOH, 2, 1, 1		SS08 14.0'-16.0' SAA to 14.5' (SWM), tan gray Silty CLAY (Native soil) to 16.0'		14"/24"	17.0 ppm	
15, 16	2, 2, 2, 3		SS09 16.0'-18.0' Tan-gray Silty CLAY, moist.		18"/24"	0.0 ppm	
17, 18			Borehole terminated at 16.0' BGS. Sampling terminated at 18.0' BGS.				
19, 20, 21, 22, 23, 24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

EARTH TECH

S09:SC:SL02

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 2

DRILLING

	START	FINISH
TIME	1350	1605
DATE	4/12/99	4/12/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SURFACE CONDITIONS:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	2, 3, 5, 5		SS01 0.0'-2.0' Light brown tan silty CLAY - native soil, moist.		14"/24"	0.0 ppm	
3	5, 6, 8, 13		SS02 2.0'-4.0' SAA to 3.5', becomes brown and SAA to 4.0'.		24"/24"	30 ppm	
5	5, 7, 9, 11		SS03 4.0'-6.0' Brown and tan brown silty CLAY interbayered with gray silty CLAY (possibly Swm), no odor.		17"/24"	0.0 ppm	
7	3, 7, 10, 10		SS04 6.0'-8.0' Gray-brown silty clay with black stains, petroleum odor.		10"/24"	32 ppm	
9	2, 4, 7, 8		SS05 8.0'-10.0' Gray silty CLAY with black stains brick debris, odor.		14"/24"	56 ppm	
11	7, 8, 9, 9		SS06 10'-12' Gray-brown silty clay and Swm, noticable odor.		17"/24"	110 ppm	

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/12/99

CHK'D BY:

EARTH TECH

BOREHOLE LOG

S09:SL:SL02

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:	
		SHEET: 2 of 2	
	SAMPLING METHOD: Split Spoon	DRILLING	
	WATER LEVEL	START TIME	FINISH TIME
	TIME		
DATUM: MSL ELEVATION:	DATE	DATE	DATE
	CASING DEPTH		
DRILL RIG: CME	SURFACE CONDITIONS:		
ANGLE: Vertical BEARING:			
SAMPLE HAMMER WEIGHT: 140 lbs			

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	1, 4, 5, 5		SS07 12.0'-14.0' Brown-gray CLAY and waste material, granular, slight odor, moist.		18"/24"	110 ppm	
13, 14	4, 6, 8, 7		SS08 14.0'-16.0' SAA		10"/24"	60 ppm	
15, 16	4, 5, 7, 7		SS09 16.0'-18.0' Gray-tan CLAY and SWM, compacted friable at some intervals, red staining, odor.		18"/24"	90 ppm	
17, 18	3, 4, 4, 10		SS10 18.0'-20.0' Gray, maroon and brown CLAY and friable SWM		18"/24"	162 ppm	→ S09:SL:SL02-10
19, 20	WOH, 6, 6, 6		SS11 20.0'-22.0' Gray/tan Silty CLAY, trace SWM. Base of SWM ≈ 20.0'.		18"/24"	44 ppm	→ S09:SL:SL02-11
21, 22	1, 2, 2, 2		SS12 22.0'-24.0' Gray tan silty CLAY, no odor.		22"/24"	0.0 ppm	→ S09:SL:SL02-12
23, 24			Borehole terminated at 22.0' BGS. Sampling terminated at 24.0' BGS.				

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

CHK'D BY:

DATE:

EARTH TECH

BOREHOLE LOG

S19:SL:SL01

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0800 / FINISH TIME 0900
	TIME	
	DATE	DATE 4/13/99 / DATE 4/13/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	4, 24, 34, 36		SS01 0.0'-2.0' Brown moist silty CLAY to 6", Concrete rubble to 2.0'.		22"/24"	0.0 ppm	
3	39, 27, 31, 23		SS02 2.0'-4.0' Concrete rubble to 3.0'; black friable Sand, silt, pebbles (Slag) to 4.0'		18"/24"	5.0 ppm	
5	12, 7, 2, 3		SS03 4.0'-6.0' Gray, black clay to pebble size (poorly sorted) granular material, wet, no odor.		14"/24"	20 ppm	→ S19:SL:SL01-03
7	2, 5, 5, 6		SS04 6.0'-8.0' SAA to 7.0', tan and gray silty CLAY to 8.0'.		12"/24"	8.2 ppm	
9	2, 4, 4, 6		SS05 8.0'-10.0' Tan-brown silty CLAY, moist, no odor, native soil.		16"/24"	6.0 ppm	
11	4, 5, 4, 8		SS06 10.0'-12.0' Tan-gray mottled silty CLAY, moist, native material.		19"/24"	9.8 ppm	
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 4/13/99

CHK'D BY:

EARTH TECH

S19:SL:SL01

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 2 of 2

DRILLING

START TIME	FINISH TIME
DATE	DATE

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME SURFACE CONDITIONS:

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	7		SS07 12.0'-14.0' SAA to 13.5', brown silty CLAY with some organic matter (roots), no odor - native soil to 14.0'		22" / 24"	2.6 ppm	
13	6						
	9						
	11						
14			Borehole terminated at 12.0' BGS, Sampling terminated at 14.0' BGS				
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE:

CHK'D BY:

EARTH TECH

S06:SL:SL02

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO.
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0940 / FINISH TIME
	TIME	
DATUM: MSL ELEVATION:	DATE	DATE 4/13/99 / DATE 4/13/99
DRILL RIG: CME	CASING DEPTH	
ANGLE: Vertical BEARING:	SURFACE CONDITIONS:	
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1	3, 4, 14, 50/3"		SS01 0.0'-2.0' Tan-brown silty CLAY to 1.5', concrete rubble to 2.0'.		18"/24"	0.0 ppm	
2, 3							
4	3, 3, 3, 5		SS02 3.0'-5.0' Concrete rubble to 3.5', Tan medium Sand and Brown-gray silty CLAY to 5.0'.		22"/24"	0.4 ppm	
5, 6	3, 5, 5, 9		SS03 5.0'-7.0' Tan to dark brown mottled silty clay - moist, native soil.		18"/24"	0.0 ppm	
7, 8	4, 5, 7, 9		SS04 7.0'-9.0' Tan-gray mottled silty CLAY - moist.		16"/24"	0.0 ppm	
9, 10	3, 6, 6, 8		SS05 9.0'-11.0' Tan-gray silty CLAY, slightly moist no odor - native soil.		15"/24"	0.0 ppm	
11, 12	5, 6		SS06 11.0'-13.0' Tan-gray silty CLAY, slightly moist, slight petroleum odor.		22"/24"	~~[illegible]~~ ppm	← 12.0 S06:SL:SL02-06

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/13/99

CHK'D BY:

EARTH TECH

BOREHOLE LOG

S06:SC:SL02

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME / FINISH TIME
	TIME	
	DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	10						
	11						
13	4		SS07 13.0'-15.0' SAA		20"/24"	5.0 ppm	
	6						
14	10						
	10						
15			Borehole terminated at 13.0' BGS. Sampling terminated at 15.0' BGS				
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOULDER MORNER

LOGGED BY: JLH

DATE:

CHK'D BY:

EARTH TECH

BOREHOLE LOG

S06 SL:GNB1

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1008 / FINISH TIME 1307
	TIME	
	DATE	DATE 4/8/99 / DATE 4/13/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1, 2, 3			0.0'-3.0' Tan-brown silty CLAY, slightly moist, some concrete rubble at 2.8' (Logged from cuttings).				4/8/99- Sampled to 13.0' BGS, fluids from overlying SWM migrated into underlying native soil (cross-contamination). 4/13/99 Augered to 13.0' BGS with O-ring sealed hollow stem augers with a clean teflon plug. Sample from 13'-15' was successfully obtained without cross contamination.
4	16, 10, 13, 19		SS01 3.0'-5.0' Brown-black silty CLAY - noticable diesel odor, moist to wet at bottom of spoon.		16"/24"	64.2 ppm	
5, 6	11, 16, 12, 14		SS02 5.0'-7.0' Black red, brown waste material in a CLAY/SILT matrix, some brick debris, wet (SWM), no odor.		18"/24"	7.0 ppm	
7, 8	2, 3, 4, 4		SS03 7.0'-9.0' Brown-black waste material in silty/CLAY matrix to 8.0', Gray silty CLAY, wet 8.0'-9.0'.		12"/24"	0.0 ppm	
9, 10	WOH, 1, 2, 1		SS04 9.0'-11.0' Gray, olive brown mottled silty CLAY, wet to moist - may be native soil, no odor.		10"/24"	0.0 ppm	
11, 12	2, 2		SS05 11.0'-13.0' No RECOVERY		0"/24"	N/A	

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/13/99

CHK'D BY:

S06:SL:GNB1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME / FINISH TIME
	TIME	
	DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12							
	4						
	4						
13	X		SS06 13.0'-15.0' Tan-gray silty CLAY - native soil.				
	X				15"	0.0 ppm	→ S06:SL:GNB1-01 (blow counts not taken)
14	X				24"		
	X						
15			Borehole terminated at 13.0' BGS; Sampling terminated at 15.0' BGS.				
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

CHK'D BY:

DATE:

EARTH TECH

BOREHOLE LOG

S06:SL:GNA1

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:	
		SHEET: 1 OF 2	
	SAMPLING METHOD: Split Spoon	DRILLING	
	WATER LEVEL	START TIME 1314	FINISH TIME 1418
	TIME		
	DATE	DATE 4/8/99	DATE 4/13/99
DATUM: MSL ELEVATION:	CASING DEPTH		
DRILL RIG: CME	SURFACE CONDITIONS:		
ANGLE: Vertical BEARING:			
SAMPLE HAMMER WEIGHT: 140 lbs			

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1, 2, 3			0.0'-3.0' Brown, tan silty CLAY, some gravel (first 6"), moist, no odor, (from cuttings).				4/8/99 Sampled to 13.0' BGS. fluids from overlying SWM migrated into underlying native soil (cross contamination). 4/13/99 Augered to 14.0' BGS with O-ring sealed hollowstem augers with a clean teflon plug. Sampled from 14'-16' successfully.
4	5, 15, 16, 12		SS01 3.0'-5.0' Black, brown and gray SWM in clay/silt matrix, noticable odor, moist.		17"/24"	17.0 ppm	
5, 6, 7	2, 1, 1, 4		SS02 5.0'-7.0' Black oily silty-clay SWM (looks like oil but no significant PID reading).		4"/24"	1.6 ppm	
8, 9	4, 2, 2, 2		SS03 7.0'-9.0' Tan-gray silty CLAY and black liquid, no odor, (liquid from overlying interval).		14"/24"	0.0 ppm	
10, 11	2, 1, 1, 3		SS04 9.0'-11.0' Tan-gray silty CLAY surrounded by black liquid (from overlying interval).		14"/24"	0.0 ppm	
12	WOH, WOH		SS05 11.0'-13.0' Tan-brown silty CLAY, fluid from overlying interval.		14"/24"	0.0 ppm	

DRILLING CONTR: BOWER MORNER

LOGGED BY: JLH

DATE: 4/13/99

CHK'D BY:

S06:SL:GNA1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME / FINISH TIME
	WATER LEVEL / TIME / DATE	
DATUM: MSL ELEVATION:	CASING DEPTH	DATE / DATE
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	4 / 6						
13							
14	X		SS06 14.0'-16.0' Gray-tan silty CLAY, moist.		16" / 24"	0.0 ppm	→ S06:SL:GNA1-01 (blow counts not taken)
15	X						
16	X		Borehole terminated at 14.0' BGS; Sampling terminated at 16.0' BGS.				
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

EARTH TECH

BOREHOLE LOG

S06:SL:GND1

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0755 / FINISH TIME 0840
	TIME	
	DATE	DATE 4/14/99 / DATE 4/14/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1, 2, 3			0.0'-3.0' Tan-brown silty CLAY (from cuttings).				
4	21, 15, 30, 11		SS01 3.0'-5.0' Tan silty CLAY to 3.5', Concrete debris to 5.0'.		16"/24"	2.8 ppm	
5, 6, 7	5, 6, 8, 9		SS02 5.0'-7.0' Gray silty CLAY, traces of organic matter and possibly brick fragments, no odor, dry.		14"/24"	2.6 ppm	
8	3, 3, 4, 4		SS03 7.0'-9.0' Brown-gray silty CLAY, Some black stains, no odor.		14"/24"	1.3 ppm	
9, 10	2, 4, 3, 6		SS04 9.0'-11.0' Tan silty CLAY. (SWM from 5.0'-9.0').		10"/24"	0.0 ppm	
11, 12	5, 7		SS05 11.0'-13.0' Tan silty CLAY - no odor - native soil.		18"/24"	0.0 ppm	→ S06:SL:GND1-01

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 4/14/99

CHK'D BY:

S06:SL:GND1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME / FINISH TIME
	WATER LEVEL / TIME / DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	7						
	9						
13			Borehole terminated at 11.0' BGS; Sampling terminated at 13.0' BGS.				
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

CHK'D BY:

DATE:

S19:SL:GNF1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1015 / FINISH TIME 1102
	TIME	
	DATE	DATE 4/14/99 / DATE 4/14/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1, 2			0.0'-3.0' Tan-brown silty CLAY. (logged from cuttings).				
3, 4	10, 4, 6, 11		SS01 3.0'-5.0' Tan silty CLAY to 3.5', concrete rubble to 5.0'.		8"/24"	0.0 ppm	
5, 6	5, 6, 6, 7		SS02 5.0'-7.0' Concrete rubble and tan-brown silty CLAY - no odor.		6"/24"	0.0 ppm	
7, 8	2, 3, 4, 6		SS03 7.0'-9.0' Tan silty CLAY, trace coarse SAND (from concrete rubble above). No odor.		14"/24"	0.0 ppm	
9, 10	3, 3, 6, 7		SS04 9.0'-11.0' SAA, no odor.		16"/24"	0.0 ppm	
11, 12	5, 7		SS05 11.0'-13.0' SAA - no odor.		18"/24"	0.0 ppm	→ S19:SL:GNF1-01 → S19:SL:GNF1-01-FD → S19:SL:GNF1-01-GT (composite 9'-13' - geotech).

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/14/99

CHK'D BY:

S19:SC:GNF1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME / FINISH TIME
	WATER LEVEL / TIME / DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12							
	10						
	10						
13			Borehole terminated at 11.0' BGS. Sampling terminated at 13.0' BGS.				
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

CHK'D BY:

DATE:

EARTH TECH

S09:SL:GNE2

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1310 / FINISH TIME 1438
	TIME	
	DATE	DATE 4/14/99 / DATE 4/14/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1, 2, 3			0.0'-3.0' Brown silty CLAY, moist. (from cuttings).				
4	5, 7, 7, 10		SS01 3.0'-5.0' Tan-brown silty CLAY, very slightly moist.		21"/24"	0.7 ppm	
5, 6, 7	5, 6, 11, 11		SS02 5.0'-7.0' SAA to 6.5', Gray, friable silt and CLAY - slight odor to 7.0'.		22"/24"	1.7 ppm	
8	50/4", —, —, —		SS03 7.0'-9.0' Friable black silty Sandy CLAY - noticable odor.		6"/6"	7.9 ppm	
9, 10, 11	50/5", —, —, —		SS04 9.0'-11.0' Tan-brown-red-black silty CLAY, odor.		6"/6"	12.9 ppm	
12	8, 9		SS05 11.0'-13.0' Brown granular waste material in silty Sandy CLAY matrix, odor.		14"/24"	128 ppm	

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/14/99

CHK'D BY:

S09:SL:GNE2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 2 of 2

DRILLING: START TIME / FINISH TIME / DATE / DATE

WATER LEVEL / TIME / DATE

CASING DEPTH

SURFACE CONDITIONS:

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	10						
	12						
13	12		SS06 13.0'-15.0' Gray-brown SWM in silty sandy CLAY matrix, odor.		10" / 24"	411 ppm	
	7						
14	5						
	6						
15	10		SS07 15.0'-17.0' SAA		16" / 24"	116 ppm	
	4						
16	4						
	5						
17	8		SS08 17.0'-19.0' SAA gray		18" / 24"	83.8 ppm	
	6						
18	7						
	7						
19	2		SS09 19.0'-21.0' Tan-gray silty CLAY - stained, slight odor.		20" / 24"	28.8 ppm	
	5						
20	5						
	5						
21	WOH		SS10 21.0'-23.0' Brown-gray silty clay, soft, moist, no odor.		20" / 24"	1.1 ppm	→ S09:SL:GNE2-01
	WOH						→ S09:SL:GNE2-01-MS
22	WOH						→ S09:SL:GNE2-01-MD
	2						
23			Borehole terminated at 21.0' BGS. Sampling terminated at 23.0' BGS.				
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE:

CHK'D BY:

EARTH TECH

S09:SL:GNF2

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1550 / FINISH TIME 1655
	TIME	
	DATE	DATE 4/14/99 / DATE 4/14/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1, 2, 3			0.0'-3.0' Brown silty CLAY and cobbles (fill) from cuttings				
4	7, 9, 10, 9		SS01 3.0'-5.0' Dark gray to brown silty CLAY - no odor.		14"/24"	0.4 ppm	
5, 6	5, 5, 4, 6		SS02 5.0'-7.0' NO RECOVERY		0"/24"	N/A	
7, 8	7, 5, 6, 7		SS03 7.0'-9.0' Dark grayish-brown silty CLAY, stiff, dry to slightly moist.		6"/24"	1.6 ppm	
9, 10	5, 5, 8, 8		SS04 9.0'-11.0' Tan-gray mottled stiff silty CLAY, dry to slightly moist.		16"/24"	1.2 ppm	
11, 12	3, 4		SS05 11.0'-13.0' SAA		22"/24"	0.6 ppm	→ S09:SL:GNF2-01 → S09:SL:GNF2-01-FD → S09:SL:GNF2-01-GT

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/14/99

CHK'D BY:

S89:SL:GWF2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME / FINISH TIME
	WATER LEVEL / TIME / DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	4						
	5						
13			Borehole terminated at 11.0' BGS. Sampling terminated at 13.0' BGS.				
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

EARTH TECH

S19:SL:GNE1

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0855 / FINISH TIME 0804
	TIME	
	DATE	DATE 4/14/99 / DATE 4/15/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1, 2, 3			0.0'-3.0' Tan-brown silty CLAY, moist. (From cuttings).				4-14-99 Sampled to 13.0' BGS. fluids from overlying SWM migrated into underlying native soil (Cross Contamination). 4/15/99 Augered to 14.0' BGS with O-ring sealed hollow stem augers with a clean teflon plug. Sampled from 14'-16' successfully.
4	23, 18, 14, 26		SS01 3.0'-5.0' Brown-tan silty CLAY to 3.5', Concrete fragments to 5.0'.		24"/24"	0.0 ppm	
5, 6	12, 13, 14, 8		SS02 5.0'-7.0' Brown silty CLAY, some black clay and SAND in drive shoe, slight odor.		10"/24"	0.0 ppm	
7, 8	6, 7, 12, 4		SS03 7.0'-9.0' Brown-black silty CLAY, slight odor, wet.		16"/24"	0.0 ppm	
9, 10	3, 2, 4, 4		SS04 9.0'-11.0' Black silty sludge (may be from unit above).		6"/24"	0.0 ppm	
11, 12	4, 5		SS05 11.0'-13.0' NO RECOVERY		0"/24"	N/A	

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/15/99

CHK'D BY:

S19:SL:GNE1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 2 of 2

DRILLING

START TIME	FINISH TIME
DATE	DATE

WATER LEVEL

TIME

DATE

CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME SURFACE CONDITIONS:

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	10						
	10						
13							
14	X		SS06 14.0'-16.0' Tan-gray Sandy CLAY		14" / 24"	2.8 ppm	→ S19:SL:GNE1-01
	X						
15	X						
	X						
16			Borehole terminated at 14.0' BGS; Sampling terminated at 16.0' BGS.				
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE:

CHK'D BY:

EARTH TECH

S09:SL:GNF3

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0905 / FINISH TIME 0938
	TIME	
DATUM: MSL ELEVATION:	DATE	DATE 4/15/99 / DATE 4/15/99
DRILL RIG: CME	CASING DEPTH	
ANGLE: Vertical BEARING:	SURFACE CONDITIONS:	
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
			0.0'-3.0' Light tan silty CLAY. (From cuttings).				
1							
2							
3	5		SS01 3.0'-5.0' Tan-brown silty CLAY, slightly moist.		18"/24"	3.2 ppm	
4	7						
	7						
	8						
5	4		SS02 5.0'-7.0' Gray silt and CLAY, trace organic material, slightly moist.		10"/24"	3.5 ppm	
6	4						
	5						
	5						
7	3		SS03 7.0'-9.0' Tan-gray mottled silty CLAY, moder, slightly moist.		15"/24"	3.6 ppm	
8	4						
	6						
	6						
9	3		SS04 9.0'-11.0' SAA		18"/24"	2.5 ppm	
10	4						
	6						
	6						
11	3		SS05 11.0'-13.0' SAA - slightly moist.		17"/24"	2.5 ppm	→ S09:SL:GNF3-01 → S09:SL:GNF3-01-FD → S09:SL:GNF3-01-GT
	3						
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/15/99

CHK'D BY:

S09:SL:GNF3

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME / FINISH TIME
	WATER LEVEL / TIME / DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	3						
	4						
13			Borehole terminated at 11.0' BGS. Sampling terminated at 13.0' BGS				
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE:

CHK'D BY:

EARTH TECH

S09:SL:GNE3

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0943 / FINISH TIME 1020
	TIME	
	DATE	DATE 4/15/99 / DATE 4/15/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1, 2, 3			0.0'-3.0' Light tan silty CLAY, moist. (from cuttings).				
4	5, 8, 11, 9		SS01 3.0'-5.0' Tan-brown silty CLAY to 4.0', gray-brown Sandy silty CLAY, trace SAND to 5.0'.		14"/24"	0.8 ppm	
5, 6, 7	5, 6, 6, 7		SS02 5.0'-7.0' Black-brown silty CLAY.		4"/24"	2.0 ppm	
8	4, 4, 4, 5		SS03 7.0'-9.0' Tan silty CLAY, moist - NATIVE SOIL.		14"/24"	1.0 ppm	
9, 10	2, 2, 3, 3		SS04 9.0'-11.0' Tan silty CLAY, moist.		14"/24"	1.3 ppm	
11, 12	1, 2		SS05 11.0'-13.0' SAA.		13"/24"	0.9 ppm	→ S09:SL:GNE3-01

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/15/99

CHK'D BY:

EARTH TECH

S09:SL:GNE3

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME / FINISH TIME
	WATER LEVEL	
	TIME	
	DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12							
	3						
	3						
13			Borehole terminated at 11.0' BGS. Sampling terminated at 13.0' BGS.				
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

EARTH TECH

S09:SL:GWD3

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1050 / FINISH TIME 1135
	TIME	
	DATE	DATE 4/15/99 / DATE 4/15/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
			0.0'-3.0' Tan silty CLAY, moist. (from cuttings).				
1							
2							
3	6 9 11 14		SS01 3.0'-5.0' Tan brown silty CLAY to 4.5', black silty CLAY with petroleum odor to 5.0'.		16"/24"	50 ppm	
4							
5	7 9 10 11		SS02 5.0'-7.0' Brown black silty CLAY, petroleum odor (SWM).		14"/24"	166 ppm	
6							
7	6 7 7 10		SS03 7.0'-9.0' Brown-gray sandy, silty, clayey SWM-odor.		14"/24"	160 ppm	
8							
9	5 5 7 5		SS04 9.0'-11.0' SAA		16"/24"	62.4 ppm	
10							
11	2 1		SS05 11.0'-13.0' Tan-gray silty CLAY-trace SWM.		10"/24"	32 ppm	
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/15/99

CHK'D BY:

EARTH TECH

S09:SL:GND3

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME / FINISH TIME
	TIME	
	DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	2						
	3						
13	3		SS06 13.0'-15.0' SAA - likely Slough.		6"/24"	14 ppm	
	4						
14	4						
	4						
15	2		SS07 15.0'-17.0' Tan-brown and dark gray silty CLAY, moist, no odor.		14"/24"	6.0 ppm	
	3						
16	2						S09:SL:GND3-01
	4						
17			Borehole terminated at 17.0' BGS. Sampling terminated at 17.0' BGS.				
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

S09:SL:GNB3

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 oF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0890 / FINISH TIME 0905
	TIME	
	DATE	DATE 4/19/99 / DATE 4/19/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1, 2			0.0'-3.0' Asphalt to 0.4', tan sand and CLAY to 3.0' (from cuttings).				
3, 4	5, 5, 7, 8		SS01 3.0'-5.0' Tan-brown silty CLAY, no odor, slightly moist.		18"/24"	1.0 ppm	
5, 6	3, 6, 6, 7		SS02 5.0'-7.0' SAA		15"/24"	0.6 ppm	
7, 8	2, 2, 3, 4		SS03 7.0'-9.0' Gray and black silty CLAY,		8"/24"	0.2 ppm	
9, 10	1, 1, 3, 3		SS04 9.0'-11.0' Gray to dark brown silty CLAY, slight organic odor.		16"/24"	0.8 ppm	
11, 12	2, 2		SS05 11.0'-13.0' Tan and gray silty CLAY with black SWM.		16"/24"	48.3 ppm	

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/19/99

CHK'D BY:

S09:SL:GNB3

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery; Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME / FINISH TIME
	TIME	
	DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	2						
	3						
13	WOH		SS06 13.0'-15.0'		8"/24"	2.6 ppm	
	WOH						
14	2						
	3						
15	WOH		SS07 15.0'-17.0'		14"/24"	1.2 ppm	→ S09:SL:GNB3-01
	3						
16	3						
	3						
17			Borehole terminated at 15.0' BGS. Sampling terminated at 17.0' BGS.				
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

SØ9:SL:GNA3

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0930 / FINISH TIME 1005
	TIME	
	DATE	DATE 4/19/99 / DATE 4/19/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
			0.0'-3.0' Brown-tan silty CLAY (from cuttings).				
1							
2							
3							
	6, 7, 9, 8		SSØ1 3.0'-5.0' Tan-brown silty CLAY, trace SAND, some organic material.		18"/24"	0.0 ppm	
4							
5							
	4, 3, 7, 6		SSØ2 5.0'-7.0' Tan-brown silty CLAY, some black streaks - no odor.		16"/24"	0.0 ppm	
6							
7							
	4, 4, 6, 7		SSØ3 7.0'-9.0' Tan-gray silty CLAY, no odor, slightly moist.		18"/24"	0.0 ppm	
8							
9							
	3, 3, 5, 5		SSØ4 9.0'-11.0' SAA		16"/24"	0.0 ppm	
10							
11							
	3, 3		SSØ5 11.0'-13.0' SAA		22"/24"	0.0 ppm	→ SØ9:SL:GNA3-Ø1
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/19/99

CHK'D BY:

S09:SL:GWA3

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME / FINISH TIME
	WATER LEVEL / TIME / DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET		BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	AND SAMPLE NUMBER DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12		4						
		5						
13				Borehole terminated at 11.0' BGS. Sampling terminated at 13.0' BGS.				
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE:

CHK'D BY:

S09:SL:GNC3

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:	
		SHEET: 1 OF 2	
	SAMPLING METHOD: Split Spoon	DRILLING	
		START TIME 1017	FINISH TIME 1058
	WATER LEVEL / TIME / DATE	DATE 4/19/99	DATE 4/19/99
DATUM: MSL ELEVATION:	CASING DEPTH		
DRILL RIG: CME	SURFACE CONDITIONS:		
ANGLE: Vertical BEARING:			
SAMPLE HAMMER WEIGHT: 140 lbs			

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1							
2							
3							
4	6, 8, 11, 12		SS01 3.0'-5.0' Tan-brown silty CLAY, some black material in drive shoe.		22"/24"	0.0 ppm	
5	5, 5, 8, 6		SS02 5.0'-7.0' Gray-brown silty CLAY, black stains, possible SWM, slight odor.		14"/24"	7.9 ppm	
6							
7	4, 3, 2, 3		SS03 7.0'-9.0' Black silty CLAY and wet SWM.		10"/24"	55.3 ppm	
8							
9	WOH, 1, 2, 3		SS04 9.0'-11.0' Gray-tan silty CLAY and black SWM.		10"/24"	42.6 ppm	
10							
11	3, 3		SS05 11.0'-13.0' SWM to 12.0', Tan-gray silty CLAY to 13.0'		10"/24"	0.0 ppm	
12							

DRILLING CONTR: BOWER MORNER

LOGGED BY: JLH

DATE: 4/19/99 CHK'D BY: _____

EARTH TECH

BOREHOLE LOG

S09:SL:GNC3

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME / FINISH TIME
	TIME	
	DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	4						
	4						
13	2		SS06 13.0'-15.0' Tan silty CLAY - Some black organic material (NOT SUM), no odor-moist.		16"/24"	0.0 ppm	→ S09:SL:GNC3-01
	3						
14	3						
	3						
15			Borehole terminated at 15.0' BGS. Sampling terminated at 15.0' BGS.				
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

S09:SL:GND2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1330 / FINISH TIME 1409
	TIME	
	DATE	DATE 4/19/99 / DATE 4/19/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1							
2							
3	5 8 9 11		SS01 3.0'-5.0' Tan silty clay, trace gravel from adjacent road.		19"/24"	0.0 ppm	
4							
5	4 5 8 6		SS02 5.0'-7.0' Gray brown silty CLAY, slightly moist, no odor.		15"/24"	0.0 ppm	
6							
7	6 6 8 9		SS03 7.0'-9.0' Tan-brown gray-brown silty CLAY, some SAND, dry to slightly moist, friable.		18"/24"	0.3 ppm	
8							
9	7 4 3 4		SS04 9.0'-11.0' Gray-tan silty CLAY, some black streaks, no odor slightly moist.		13"/24"	0.6 ppm	
10							
11	2 2		SS05 11.0'-13.0' Gray-brown silty CLAY, no odor, slightly moist.		14"/24"	0.3 ppm	→ S09:SL:GND2-01
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/19/99

CHK'D BY:

S09:SL:GND2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME / FINISH TIME
	WATER LEVEL / TIME / DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	3						
	3						
13			Borehole terminated at 11.0' BGS. Sampling terminated at 13.0' BGS.				
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE:

CHK'D BY:

SØ9:SL:GNC2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1420 / FINISH TIME 1453
	TIME	
	DATE	DATE 4/19/99 / DATE 4/19/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1, 2, 3			0.0'-3.0' Tan-brown silty CLAY (from cuttings).				
4	4, 7, 9, 8		SSØ1 3.0'-5.0' Tan-brown silty CLAY to 4.5', gray silty CLAY, no odor to 5.0'.		16"/24"	0.3 ppm	
5, 6	4, 5, 7, 6		SSØ2 5.0'-7.0' NO RECOVERY		0"/24"	N/A	
7, 8	5, 6, 6, 7		SSØ3 7.0'-9.0' Tan-gray silty CLAY, slightly moist, no odor.		20"/24"	0.0 ppm	
9, 10	3, 4, 6, 5		SSØ4 9.0'-11.0' Tan-brown silty CLAY, no odor, slightly moist.		14"/24"	0.0 ppm	
11, 12	2, 4		SSØ5 11.0'-13.0' Tan-brown silty CLAY no odor, slightly moist.		14"/24"	0.0 ppm	SØ9:SL:GNC2-Ø1

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/19/99

CHK'D BY:

S09:SL:GNC2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME / FINISH TIME
	WATER LEVEL / TIME / DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	5						
	5						
13			Borehole terminated at 11.0' BLS. Sampling terminated at 13.0' BLS.				
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE:

CHK'D BY:

S09:SL:GNB2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1515 / FINISH TIME 1607
	TIME	
	DATE	DATE 4/19/99 / DATE 4/19/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1, 2, 3			0.0'-3.0' Tan-brown silty CLAY (Logged from cuttings).				
4	5, 9, 10, 12		SS01 3.0'-5.0' Tan-brown silty CLAY, slightly moist, no odor.		24"/24"	0.0 ppm	
5, 6	6, 7, 10, 10		SS02 5.0'-7.0' Tan-brown silty CLAY, trace brown-black - no odor.		12"/24"	0.0 ppm	
7, 8	6, 7, 8, 8		SS03 7.0'-9.0' Gray-brown, mottled silty CLAY, trace organic matter, no odor.		16"/24"	0.0 ppm	
9, 10	3, 3, 4, 4		SS04 9.0'-11.0' Brown-gray silty CLAY		10"/24"	0.0 ppm	
11, 12	2, 2		SS05 11.0'-13.0' Tan-gray silty CLAY and black sand, odor.		10"/24"	18.8 ppm	

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/19/99

CHK'D BY:

S09:SL:GNB2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME / FINISH TIME
	TIME	
	DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	3						
	3						
13	2		SS06 13.0'-15.0' Tan and black clay, possibly SWM, slight odor.		11"/24"	2.5 ppm	
	1						
14	1						
	1						
15	WOH		SS07 15.0'-17.0' Tan-brown silty clay		12"/24"	0.8 ppm	
	WOH						
16	2						
	3						
17	2		SS08 17.0'-19.0' SAA		14"/24"	0.5 ppm	→ S09:SL:GNB2-01
	2						
18	3						
	4						
19			Borehole terminated at 17.0' BGS. Sampling terminated at 19.0' BGS.				
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE:

CHK'D BY:

S09:SL:GNA2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL / TIME / DATE	START TIME 0800 / FINISH TIME 0840
DATUM: MSL ELEVATION:	CASING DEPTH	DATE 4/20/99 / DATE 4/20/99
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1, 2, 3			0.0'-3.0' Tan-brown silty CLAY, slightly moist.				
4	2, 3, 6, 8		SS01 3.0'-5.0' Tan-brown silty CLAY, becomes brown-gray at 4.5'.		14"/24"	0.9 ppm	
5, 6, 7	7, 11, 11, 10		SS02 5.0'-7.0' Tan-brown silty CLAY slightly moist, no odor.		12"/24"	1.2 ppm	
8	3, 4, 4, 7		SS03 7.0'-9.0' Tan silty sandy CLAY, slightly moist, no odor.		16"/24"	1.4 ppm	
9, 10	3, 4, 6, 7		SS04 9.0'-11.0' Tan-gray silty CLAY, slightly moist.		18"/24"	2.0 ppm	
11, 12	3, 4		SS05 11.0'-13.0' SAA		16"/24"	1.6 ppm	→ S09:SL:GNA2-01

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/20/99

CHK'D BY:

S09:SL:GNA2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME / FINISH TIME
	WATER LEVEL	
	TIME	
	DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12							
	6						
	8						
13			Borehole terminated at 11.0' BGS. Sampling terminated at 13.0' BGS.				
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

S16:S2:GNA7

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0900 / FINISH TIME 1000
	TIME	
	DATE	DATE 4/20/99 / DATE 4/20/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1							
2							
3	6 4 4 3		SS01 3.0'-5.0' Gray and black gravel-wet.		10"/24"	9.6 ppm	
4							
5	4 5 6 7		SS02 5.0'-7.0' Silty CLAY and tan/black CLAY-wet.		10"/24"	3.0 ppm	
6							
7	5 7 8 6		SS03 7.0'-9.0' Tan-gray silty CLAY, moist.		16"/24"	2.4 ppm	
8							
9	3 4 5 5		SS04 9.0'-11.0' SAA		15"/24"	1.0 ppm	
10							
11	3 3		SS05 11.0'-13.0' Tan-brown silty CLAY, moist, noodor.		18"/24"	1.0 ppm	
12							

DRILLING CONTR: BOWER MORNER

LOGGED BY: JLH

DATE: 4/20/99 CHK'D BY:

S16:SL:GNA7

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING START TIME / FINISH TIME
	WATER LEVEL / TIME / DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	4						
	3						
13	1		SS06 13.0'-15.0' Tan silty CLAY.		18" / 24"	0.1 ppm	→ S16:SL:GNA7-01 → S16:SL:GNA7-01-MS → S16:SL:GNA7-01-MD
	1						
14	1						
	2						
15			Borehole terminated at 13.0' BGS. Sampling terminated at 15.0' BGS.				
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

S16:SL:GNB7

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO.
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME: 1015 / FINISH TIME: 1119
	TIME	
	DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	4/20/99 / 4/20/99
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1, 2, 3			0.0'-3.0' Brown silty CLAY, moist (from cuttings).				
4	6, 6, 8, 7		SS01 3.0'-5.0' Tan-gray silty CLAY, slightly moist.		18"/24"	0.0 ppm	
5, 6	3, 5, 6, 5		SS02 5.0'-7.0' SAA		18"/24"	0.0 ppm	
7, 8	4, 3, 5, 4		SS03 7.0'-9.0' SAA		18"/24"	0.0 ppm	
9, 10	2, 2, 4, 3		SS04 9.0'-11.0' SAA		18"/24"	0.0 ppm	
11, 12	2, 3		SS05 11.0'-13.0' Tan-gray silty CLAY trace orange-brown Sand.		18"/24"	0.0 ppm	

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/20/99

CHK'D BY:

S16:SL:GNB7

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME / FINISH TIME
	TIME	
	DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	2						
	3						
13	WOH		SS06 13.0'-15.0' Tan-gray silty CLAY.		20"/24"	0.0 ppm	→ S16:SL:GNB7-01 → S16:SL:GNB7-01-FD
	1						
14	2						
	2						
15			Borehole terminated at 13.0' BGS. Sampling terminated at 15.0' BGS.				
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

S16:SL:GND7

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1400 / FINISH TIME 1445
	TIME	
	DATE	DATE 4/20/99 / DATE 4/20/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1, 2			0.0'-3.0' Gravel - from access road to 1.5', tan, moist silty CLAY to 3.0' (from cuttings)				
3, 4	5, 5, 10, 7		SS01 3.0'-5.0' Tan-gray silty CLAY, moist.		14"/24"	0.0 ppm	
5, 6	3, 5, 7, 7		SS02 5.0'-7.0' SAA		12"/24"	0.0 ppm	
7, 8	4, 4, 5, 6		SS03 7.0'-9.0' Tan silty CLAY, moist, no odor.		9"/24"	0.0 ppm	
9, 10	2, 2, 3, 3		SS04 9.0'-11.0' Tan silty CLAY, some gray mottling - no odor, moist.		22"/24"	0.0 ppm	
11, 12	3, 3		SS05 11.0'-13.0' Tan silty clay, becomes gray-tan and softer @ 12.5'.		22"/24"	0.0 ppm	

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/20/99 CHK'D BY:

S16:SL:GND7

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME / FINISH TIME
	TIME	
	DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	3						
	4						
13	WOH		SS#61 Gray silty CLAY, moist, no odor. 13.0'-15.0'		20"/24"	0.0 ppm	→ S16:SL:GND7-01
	1						
14	2						
	2						
15			Borehole terminated at 13.0' BGS, Sampling terminated at 15.0' BGS.				
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE:

CHK'D BY:

S16:SL:GNC7

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1455 / FINISH TIME 1525
	TIME	
	DATE	DATE 4/20/99 / DATE 4/20/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
			0.0'-3.0' Tan-brown silty CLAY, slightly moist (logged from cuttings)				
1							
2							
3	5		SS#1 3.0'-5.0' Tan and gray silty CLAY, slightly moist, musty (swamp) odor		18"/24"	0.0 ppm	
4	6						
	7						
	6						
5	2		SS#2 5.0'-7.0' Tan silty CLAY, slightly moist.		10"/24"	0.0 ppm	
6	4						
	4						
	5						
7	4		SS#3 7.0'-9.0' Tan-gray mottled silty CLAY, slightly moist.		19"/24"	0.0 ppm	
8	5						
	6						
	6						
9	2		SS#4 9.0'-11.0' SAA		20"/24"	0.0 ppm	
10	4						
	4						
	6						
11	2		SS#5 11.0'-13.0' Tan-brown silty CLAY, moist no odor.		22"/24"	0.0 ppm	
12	2						

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/20/99 CHK'D BY: ____

S16:SL:GNC7

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME / FINISH TIME
	WATER LEVEL / TIME / DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	3						
	3						
13	2		SS#6 13.0'-15.0' SAA		18"/24"	0.0 ppm	→ S16:SL:GNC7-01
	2						→ S16:SL:GNC7-01-GT
14	3						
	2						
15			Borehole terminated at 13.0' BGS Sampling terminated at 15.0' BGS				
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

S16:SL:GWD6

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0900 / FINISH TIME 0950
	TIME	
	DATE	DATE 4/21/99 / DATE 4/21/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
			0.0'-3.0' Tan silty CLAY moist. (Logged from cuttings)				
1							
2							
3	3		SS01 3.0'-5.0' Tan silty CLAY, slightly moist.		20"/24"	0.0 ppm	
4	5						
	7						
	8						
5	3		SS02 5.0'-7.0' Tan and tan-gray mottled silty clay, slightly moist, no odor		20"/24"	0.1 ppm	
6	5						
	7						
	8						
7	4		SS03 7.0'-9.0' SAA		22"/24"	0.3 ppm	
8	5						
	5						
	7						
9	3		SS04 9.0'-11.0' SAA		22"/24"	0.9 ppm	
10	3						
	4						
	3						
11	2		SS05 11.0'-13.0' SAA to 12.0', gray soft silty CLAY to 13.0'		20"/24"	1.4 ppm	
12	2						

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/21/99

CHK'D BY: _____

S16:SL:GND6

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME / FINISH TIME
	WATER LEVEL	
	TIME	
	DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12							
	3						
	3						
13	WOH		SS06 13.0'-15.0' Gray Si Hy Clay.		22" / 24"	1.5 ppm	→ S16:SL:GND6-01 → S16:SL:GND6-01-FD
	WOH						
14	2						
	3						
15			Borehole terminated at 13.0' BGS. Sampling terminated at 15.0 BGS.				
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

EARTH TECH

S16:SL:GND5

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

WATER LEVEL
TIME
DATE
CASING DEPTH

DRILLING START TIME: 1000 FINISH TIME: 1028

DATE: 4/21/99 DATE: 4/21/99

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SURFACE CONDITIONS:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
			0.0'-3.0' Tan-brown silty CLAY, moist. Logged from cuttings.				
1							
2							
3							
	6		SS01 3.0'-5.0' Tan-gray CLAY and Sand.		18"/24"	11.0 ppm	
4	8						
	9						
	14						
5							
	4		SS02 5.0'-7.0' Gray Sandy CLAY and Silt to 6.0', tan silty CLAY to 7.0'		16"/24"	72.8 ppm	
6	6						
	7						
7	8						
	3		SS03 7.0'-9.0' Tan silty CLAY		19"/24"	0.0 ppm	
8	5						
	7						
9	7						
	3		SS04 9.0'-11.0' Tan silty CLAY, moist.		20"/24"	0.3 ppm	→ S16:SL:GND5-01
10	4						
	6						
11	6						
			Borehole terminated at 9.0' BGS. Sampling terminated at 11.0' BGS.				
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/21/99

CHK'D BY:

EARTH TECH

S16:SL:GND4

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1052	1115
DATE	DATE
4/21/99	4/21/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL
ELEVATION:
DRILL RIG: CME
ANGLE: Vertical
BEARING:
SURFACE CONDITIONS:
SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
			0.0'-3.0' Tan silty CLAY (from cuttings).				
1							
2							
3							
	7		SS01 3.0'-5.0' Tan-gray silty CLAY		16"/24"	1.2 ppm	
4	9						
	11						
5	12						
	7		SS02 5.0'-7.0' Tan silty CLAY to 6', gray-brown sandy silty CLAY to 7'.		15"/24"	0.0 ppm	
6	9						
	10						
7	10						
	4		SS03 7.0'-9.0' Tan-gray silty CLAY.		18"/24"	0.0 ppm	
8	6						
	7						
9	8						
	3		SS04 9.0'-11.0' Tan-gray mottled silty CLAY.		14"/24"	0.0 ppm	→ S16:SL:GND4-01
10	4						
	5						
11	6						
			Borehole terminated at 9.0' BGS. Sampling terminated at 11.0' BGS.				
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/21/99

CHK'D BY:

EARTH TECH

S16:SL:GND3

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

	START	FINISH
TIME	1300	1330
DATE	4/21/99	4/21/99

WATER LEVEL
TIME
DATE
CASING DEPTH
SURFACE CONDITIONS:

DATUM: MSL
ELEVATION:
DRILL RIG: CME
ANGLE: Vertical
BEARING:
SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1			0.0'-3.0' Brown-tan Silty CLAY, moist - logged from cuttings.				
2							
3							
4	3 4 5 4		SS01 3.0'-5.0' Tan-gray Silty CLAY, moist.		22" / 24"	0.0 ppm	
5							
6	2 3 4 3		SS02 5.0'-7.0' SAA, Slightly more gray.		20" / 24"	0.0 ppm	
7							
8	2 4 4 5		SS03 7.0'-9.0' SAA		20" / 24"	0.0 ppm	
9							
10	WOH 2 2 3		SS04 9.0'-11.0' Gray-tan Silty CLAY.		20" / 24"	0.0 ppm	→ S16:SL:GND3-01
11							
12			Borehole terminated at 9.0' BGS, Sampling terminated at 11.0' BGS.				

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/21/99

CHK'D BY:

EARTH TECH

S16:SL:GNC2

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 1

DRILLING

START TIME	FINISH TIME
1337	1559
DATE	DATE
4/21/99	4/21/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SURFACE CONDITIONS:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
			0.0'-3.0' Brown silty CLAY, moist - logged from cuttings.				
1							
2							
3							
	2		SS01 3.0'-5.0' Tan-brown silty CLAY, moist.		14"/24"	0.0 ppm	
4	5						
	5						
	6						
5							
	4		SS02 5.0'-7.0' Tan-gray silty CLAY, moist.		20"/24"	0.0 ppm	
6	4						
	5						
	6						
7							
	5		SS03 7.0'-9.0' Tan-gray silty CLAY.		20"/24"	0.0 ppm	
8	8						
	9						
	12						
9							
	3		SS04 9.0'-11.0' SAA.		20"/24"	0.0 ppm	→ S16:SL:GNC2-01
10	5						
	8						
	10						
11							
			Borehole terminated at 9.0' BGS. Sampling terminated at 11.0' BGS.				
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/21/99

CHK'D BY:

EARTH TECH

S16:SL:GNB1

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 2

DRILLING

START TIME	FINISH TIME
1418	1453
DATE	DATE
4/21/99	4/21/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SURFACE CONDITIONS:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
			0.0'-3.0' Tan silty CLAY, moist (Logged from cuttings).				
1							
2							
3							
	3		SS01 3.0'-5.0' Tan silty CLAY to 4', gray silty CLAY and organic matter to 5.0'		18"/24"	0.0 ppm	
4	4						
	3						
	4						
5							
	2		SS02 5.0'-7.0' Tan-gray mottled silty CLAY, moist, Some organics, Native.		15"/24"	0.0 ppm	
6	4						
	7						
	9						
7							
	3		SS03 7.0'-9.0' Tan Silty CLAY.		4"/24"	0.0 ppm	
8	4						
	9						
	8						
9							
	4		SS04 9.0'-11.0' Tan-gray silty CLAY		20"/24"	0.0 ppm	
10	6						
	9						
	9						
11							
	8		SS05 11.0'-13.0' SAA		20"/24"	0.0 ppm	S16:SL:GNB1-01
12	10						

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/21/99

CHK'D BY:

EARTH TECH

S16:SL:GNB1

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 2 of 2

DRILLING

START TIME	FINISH TIME
DATE	DATE

WATER LEVEL
TIME
DATE

CASING DEPTH

SURFACE CONDITIONS:

DATUM: MSL

ELEVATION:

DRILL RIG: CME

ANGLE: Vertical

BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12							
	13						
	12						
13			Borehole terminated at 11.0 BGS. Sampling terminated at 13.0' BGS				
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE:

CHK'D BY:

EARTH TECH

S16:SL:GNC6

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 2

DRILLING

START TIME	FINISH TIME
0820	0902
DATE	DATE
4/22/99	4/22/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING: SURFACE CONDITIONS:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1			0.0'-3.0' Tan silty clay, moist, tan at 2.5'. Logged from cuttings.				
2							
3							
4	9, 10, 8, 7		SS01 3.0'-5.0' Tan silty clay to 4.0', brown-black silt, sand, clay and flyash (SW/M) to 5.0'.		16"/24"	16.7 ppm	
5							
6	2, 4, 5, 4		SS02 5.0'-7.0' Black-brown sand, clay, flyash, wood fragments (SW/M).		10"/24"	10.9 ppm	
7							
8	2, 2, 2, 3		SS03 7.0'-9.0' SAA, moist.		6"/24"	8.5 ppm	
9							
10	3, 3, 3, 3		SS04 9.0'-11.0' Slough from 7'-9', possible native soil in drive shoe.		2"/24"	NOT TAKEN	
11							
12	3, 2		SS05 11.0'-13.0' Tan-gray silty clay.		14"/24"	7.0 ppm	→ S16:SL:GNC6-01

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/22/99

CHK'D BY:

EARTH TECH

S16:SL:GNC6

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 2 of 2

DRILLING

START TIME	FINISH TIME
DATE	DATE

WATER LEVEL

TIME

DATE

CASING DEPTH

SURFACE CONDITIONS:

DATUM: MSL

ELEVATION:

DRILL RIG: CME

ANGLE: Vertical

BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12							
	6						
	7						
13			Borehole terminated at 11.0 BGS. Sampling terminated at 13.0 BGS.				
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

EARTH TECH

S16:SL:GNCS

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 2

DRILLING

START TIME	FINISH TIME
0914	1038
DATE	DATE
4/22/99	4/22/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SURFACE CONDITIONS:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1			0.0'-3.0' Tan silty clay, moist. Logged from cuttings.				
2							
3							
4	9, 14, 16, 17		SS01 3.0'-5.0' Tan-gray silty clay to 4.5', brown black sandy SWM, odor to 5.0'		20"/24"	28.5 ppm	
5							
6	7, 50/3"		SS02 5.0'-7.0' Brown-black SWM to 5.5', concrete rubble to 9.0'		14"/24"	141 ppm	
7	—						
8	—		~~SS03~~ Concrete rubble (Augered through interval)		—	—	
9	—						
10	31, 41, 10, 4		SS03 9.0'-11.0' Concrete rubble and wet clay		6"/24"	19.7 ppm	
11	6, 4		SS04 11.0'-13.0' Concrete rubble to 12', Tan-gray mottled clay to 13'.		10"/24"	84.2 ppm	
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/22/99

CHK'D BY:

EARTH TECH

S16:SL:GNC5

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 2 of 2

DRILLING START TIME | FINISH TIME

DATE 4/22/99 | DATE 4/22/99

WATER LEVEL

TIME

DATE

CASING DEPTH

SURFACE CONDITIONS:

DATUM: MSL

ELEVATION:

DRILL RIG: CME

ANGLE: Vertical

BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12							
	3						
	6						
13							
	8		SS05 13.0'-15.0' Tan-gray silty CLAY, odor. Contaminated native soil.		10"/24"	14.5 ppm	→ S16:SL:GNC5-01
	8						
14							
	10						
	10						
15							
	3		SS06 15.0'-17.0'				
	4		NO RECOVERY		0"/24"	NOT TAKEN	
16							
	4						
	5						
17							
	3		SS07 17.0'-19.0' Tan-gray silty CLAY		18"/24"	2.6 ppm	→ S16:SL:GNC5-02
	3						
18							
	4						
	3						
19							
			Borehole terminated at 17.0' BGS. Sampling terminated at 19.0' BGS				
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/22/99

CHK'D BY:

EARTH TECH

S16:SL:GNC4

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 of 2

DRILLING

START TIME	FINISH TIME
1058	1135
DATE	DATE
4/22/99	4/22/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SURFACE CONDITIONS:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
			0.0'-3.0' Tan silty CLAY, moist, logged from cuttings				
1							
2							
3							
4	21, 15, 18, 10		SS01 3.0'-5.0' Tan silty CLAY to 4', orange-red brick fragments to 5'.		20"/24"	0.0 ppm	
5							
6	5, 6, 4, 4		SS02 5.0'-7.0' Black Sandy, silty, clayey SWM, odor.		20"/24"	52.6 ppm	
7							
8	2, 4, 6, 6		SS03 7.0'-9.0' Tan-gray silty CLAY.		10"/24"	8.6 ppm	
9							
10	3, 5, 8, 11		SS04 9.0'-11.0' Dark gray Sandy silty CLAY and Sandy SWM, odor.		14"/24"	140 ppm	
11							
12	6, 9		SS05 11.0'-13.0' Tan-gray silty CLAY.		16"/24"	0.0 ppm	→ S16:SL:GNC4-01

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/22/99

CHK'D BY:

EARTH TECH

S16:SL:GNC4

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 2 of 2

DRILLING

START TIME	FINISH TIME
DATE	DATE

WATER LEVEL	
TIME	
DATE	
CASING DEPTH	

SURFACE CONDITIONS:

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12							
	10						
	12						
13			Borehole terminated at 11.0' BGS. Sampling terminated at 13.0' BGS.				
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

EARTH TECH

S16:SL:GNC3

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 2

DRILLING

START TIME	FINISH TIME
1400	1446
DATE	DATE
4/22/99	4/22/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SURFACE CONDITIONS:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1, 2, 3			0.0'-3.0' Brown-tan silty CLAY, moist; logged from cuttings.				
4	3, 5, 6, 8		SS01 3.0'-5.0' Tan silty CLAY, slightly moist.		18"/24"	1.1 ppm	
5, 6, 7	5, 7, 10, 7		SS02 5.0'-7.0' Tan silty CLAY to 6' gray-tan silty CLAY to 7'.		16"/24"	1.7 ppm	
8	5, 8, 8, 12		SS03 7.0'-9.0' Gray-tan and gray silty CLAY		12"/24"	1.6 ppm	
9, 10, 11	4, 6, 7, 8		SS04 9.0'-11.0' Tan-gray silty CLAY.		16"/24"	1.6 ppm	
12	5, 6		SS05 11.0'-13.0' SAA		20"/24"	2.1 ppm	→ S16:SL:GNC3-01 → S16:SL:GNC3-01-FD

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/22/99

CHK'D BY:

S16:SL:GNC3

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME / FINISH TIME
	WATER LEVEL / TIME / DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	6						
	7						
13			Borehole terminated at 11.0' BGS. Sampling terminated at 13.0' BGS.				
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE:

CHK'D BY:

EARTH TECH

SØ3:SL:GNB2

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 2

DRILLING

START TIME	FINISH TIME
1456	1524
DATE	DATE
4/22/99	4/22/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SURFACE CONDITIONS:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
			0.0'-3.0' Tan silty CLAY, logged from cuttings.				
1							
2							
3							
4	5, 9, 10, 11		SSØ1 3.0'-5.0' Tan-gray silty CLAY, slightly moist.		15"/24"	2.9 ppm	
5	5, 4, 6, 6		SSØ2 5.0'-7.0' Tan silty CLAY, some gray, trace organic matter.		14"/24"	2.4 ppm	
6							
7	2, 3, 4, 4		SSØ3 7.0'-9.0' Tan-gray silty CLAY, slightly moist, no odor.		16"/24"	1.9 ppm	
8							
9	3, 3, 3, 5		SSØ4 9.0'-11.0' Tan-gray silty CLAY, becomes gray with a trace SAND at 10.5'		14"/24"	1.8 ppm	
10							
11	6, 9		SSØ5 11.0'-13.0' Tan-gray mottled silty CLAY, no odor.		18"/24"	1.3 ppm	→ SØ3:SL:GNB2-Ø1 → SØ3:SL:GNB2-Ø1-GT (Composite 7'-13')
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/22/99

CHK'D BY:

EARTH TECH

S03:S2:GNB2

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 2 of 2

DRILLING

START TIME	FINISH TIME
DATE	DATE

WATER LEVEL

TIME

DATE

CASING DEPTH

SURFACE CONDITIONS:

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	AND SAMPLE NUMBER DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12							
	11						
	11						
13			Borehole terminated at 11.0' BGS Sampling terminated at 13.0' BGS.				
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE:

CHK'D BY:

EARTH TECH

S02:SL:GNB5

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 2

WATER LEVEL
TIME
DATE
CASING DEPTH

DRILLING

START TIME	FINISH TIME
0745	0910
DATE	DATE
4/26/99	4/26/99

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING: SURFACE CONDITIONS:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1, 2, 3			0.0'-3.0' Brown silty CLAY (Logged from cuttings).				
4, 5	6, 8, 10, 13		SS01 3.0'-5.0' Tan-gray mottled silty CLAY-moist.		20"/24"	0.0 ppm	
6, 7	7, 8, 8, 11		SS02 5.0'-7.0' SAA to 6.5', black silty-clayey SWM, odor, to 7'.		20"/24"	14.7 ppm	
8, 9	4, 7, 9, 12		SS03 7.0'-9.0' Grayish brown silty SWM, slight odor.		14"/24"	11.0 ppm	
10, 11	3, 7, 6, 6		SS04 9.0'-11.0' Gray-black silty SWM.		14"/24"	290 ppm	
12			~~SS05 10.0-12.0~~ Construction debris @ 11.5'; augered past interval.				

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/26/99

CHK'D BY:

S02:SL:GNB5

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME / FINISH TIME
	TIME	
DATUM: MSL ELEVATION:	DATE	DATE / DATE
	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	WOH		SS05 12'-14' Black, oily Slum, odor, rubble at 14.0'.		10"/24"	834 ppm	
13	21						
	13						
	10						
14	~~8~~						
	~~8~~						
15	4		SS06 15.0'-17.0' Silty, oily, black Slum, odor.		14"/24"	1100 ppm	
	1						
16	1						
	1						
17	3		SS07 17.0'-19.0' SAA		2"/24"	632 ppm	
	3						
18	3						
	5						
19	5		SS08 19.0'-21.0' SAA to 20.0', Brown-gray silty CLAY to 21'.		14"/24"	22 ppm	
	7						
20	7						
	7						
21	5		SS09 21.0'-23.0' Tan-gray silty CLAY.		20"/24"	1.2 ppm	→ S02:SL:GNB5-09
	5						
22	6						
	6						
23			Borehole terminated at 21.0' BGS Sampling terminated at 23.0' BGS.				
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE:

CHK'D BY:

EARTH TECH

S02:SL:GNB4

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 2

DRILLING

START TIME	FINISH TIME
1050	1150
DATE	DATE
4/26/99	4/26/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SURFACE CONDITIONS:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
			0.0'-3.0' Brown silty CLAY; logged from cuttings.				
1							
2							
3	8		SS01 3.0'-5.0' Tan-brown silty CLAY, slightly moist.		17"/24"	0.0 ppm	
4	9						
	9						
5	12						
	9		SS02 5.0'-7.0' SAA to 6.5', Gray clayey silt, mild odor, dry to 7.0'		17"/24"	0.0 ppm	
6	9						
	15						
7	18						
	10		SS03 7.0'-9.0' Brown-gray silty CLAY, some Concrete rubble, no odor.		14"/24"	0.0 ppm	
8	10						
	9						
9	8						
	4		SS04 9.0'-11.0' Gray Sandy silty CLAY		14"/24"	0.0 ppm	
10	4						
	6						
11	6						
	3		SS05 11.0'-13.0' Black Sandy silty sludge (SWM), odor.		8"/24"	84.0 ppm	
12	3						

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/26/99

CHK'D BY:

EARTH TECH

SØ2:SL:GNB4

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING START TIME / FINISH TIME
	WATER LEVEL / TIME / DATE / CASING DEPTH	DATE / DATE
DATUM: MSL ELEVATION:		
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	9						
	6						
13	5		SSØ6 13.0'-15.0' Tan-gray silty clay, some black sludge (SWM).		18" / 24"	339 ppm	
	4						
14	5						
	6						
15	4		SSØ7 15.0'-17.0' Tan clay, wood, SWM mixed.		16" / 24"	284 ppm	
	5						
16	8						
	5						
17	5		SSØ8 17.0'-19.0' Tan-gray silty CLAY.		16" / 24"	5.6 ppm	
	4						
18	5						
	5						
19	5		SSØ9 19.0'-21.0' Tan-gray mottled silty CLAY.		16" / 24"	0.0 ppm	→ SØ2:SL:GNB4-Ø1
	5						
20	5						
	7						
21			Borehole terminated at 19.0' BGS. Sampling terminated at 21.0' BGS				
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

EARTH TECH

S03:SL:GNA2

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 of 2

DRILLING

START TIME	FINISH TIME
1337	1412
DATE	DATE
4/26/99	4/26/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SURFACE CONDITIONS:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1, 2, 3			0.0'-3.0' Brown silty CLAY, moist, logged from cuttings.				
4	6, 4, 4, 5		SS01 3.0'-5.0' Brown Silty CLAY, slightly moist.		16"/24"	0.0 ppm	
5, 6	2, 2, 4, 7		SS02 5.0'-7.0' SAA, some gray mottles.		10"/24"	0.0 ppm	
7, 8	5, 8, 11, 15		SS03 7.0'-9.0' Brown & gray mottled sandy silty CLAY, mild odor, sandier at 8.5!		16"/24"	0.3 ppm	
9, 10	8, 10, 10, 12		SS04 9.0'-11.0' Tan-gray silty CLAY, no odor.		16"/24"	0.1 ppm	
11, 12	4, 5		SS05 11.0'-13.0' Tan-gray silty CLAY.		15"/24"	0.0 ppm	→ S03:SL:GNA2-01

DRILLING CONTR: BOWIER MORNER

LOGGED BY: JLH

DATE: 4/26/99

CHK'D BY:

EARTH TECH

S03:SL:GNA2

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 2 of 2

DRILLING

START TIME	FINISH TIME
DATE	DATE

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SURFACE CONDITIONS:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	AND SAMPLE NUMBER DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	6						
	7						
13			Borehole terminated at 11.0' BGS. Sampling terminated at 13.0' BGS				
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

EARTH TECH

S16:SL:GNA3

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 2

DRILLING

START TIME	FINISH TIME
1420	1449
DATE	DATE
4/26/99	4/26/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SURFACE CONDITIONS:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
			0.0'-3.0' Brown silty CLAY, moist. Logged from cuttings				
1							
2							
3							
	3		SS01 3.0'-5.0' Tan-gray silty CLAY, no odor.		16"/24"	0.0 ppm	
4	3						
	4						
5	5						
	6		SS02 5.0'-7.0' Brown gray silty CLAY.		20"/24"	0.3 ppm	
6	8						
	9						
7	13						
	7		SS03 7.0'-9.0' Brown-gray sandy silty CLAY, slightly moist.		13"/24"	0.0 ppm	
8	8						
	10						
9	10						
	5		SS04 9.0'-11.0' Tan-brown silty CLAY slightly moist.		16"/24"	0.0 ppm	
10	5						
	7						
11	9						
	8		SS05 11.0'-13.0' Tan-gray silty CLAY - moist.		19"/24"	0.0 ppm	→ S16:SL:GNA3-01 → S16:SL:GNA3-01-MS → S16:SL:GNA3-01-MD
12	9						

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/26/99

CHK'D BY:

EARTH TECH

S16:SL:GNA3

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME / FINISH TIME
	WATER LEVEL / TIME / DATE	
DATUM: MSL ELEVATION:	CASING DEPTH	DATE / DATE
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	9						
	8						
13			Borehole terminated at 11.0' BGS, Sampling terminated at 13.0' BGS.				
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

CHK'D BY:

DATE:

S16:SL:GNA4

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO.
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1525 / FINISH TIME 1600
	TIME	
DATUM: MSL / ELEVATION:	DATE	DATE 4/26/99 / DATE 4/26/99
DRILL RIG: CME	CASING DEPTH	
ANGLE: Vertical / BEARING:	SURFACE CONDITIONS:	
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1, 2, 3			0.0'-3.0' Brown silty CLAY, moist. Logged from cuttings.				
4	3, 3, 5, 7		SS01 3.0'-5.0' Tan silty clay, slightly moist, gray-brown at 4.5'.		16"/24"	0.0 ppm	
5, 6	6, 9, 9, 10		SS02 5.0'-7.0' Tan-gray mottled silty CLAY, slightly moist.		18"/24"	0.0 ppm	
7, 8	4, 4, 8, 12		SS03 7.0'-9.0' Tan gray silty CLAY, gray at 8.5'.		17"/24"	2.4 ppm	
9, 10	5, 23, 15, 9		SS04 9.0'-11.0' Gray silty Sandy CLAY, organic matter.		15"/24"	0.2 ppm	
11, 12	3, 3		SS05 11.0'-13.0' Gray and tan mottled silty clay, moist, no odor.		15"/24"	0.3 ppm	

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/26/99

CHK'D BY:

EARTH TECH

S16:SL:GNA4

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME / FINISH TIME
	TIME	
DATUM: MSL ELEVATION:	DATE	DATE / DATE
DRILL RIG: CME	CASING DEPTH	
ANGLE: Vertical BEARING:	SURFACE CONDITIONS:	
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12							
	5						
	7						
13							
	2		SS 06 | 13.0'-15.0' SAA		12"/24"	0.5 ppm	
	2						
14							→ S16:SL:GNA4-01
	4						
	3						
15							
			Borehole terminated at 15.0' BGS. Sampling terminated at 15.0' BGS				
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

SØ1:SL:GNA6

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0800 / FINISH TIME 0850
	TIME	
DATUM: MSL ELEVATION:	DATE	DATE 4/27/99 / DATE 4/27/99
DRILL RIG: CME	CASING DEPTH	
ANGLE: Vertical BEARING:	SURFACE CONDITIONS:	
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1, 2, 3			0.0'-3.0' Brown silty clay-moist. Logged from cuttings.				
4	6, 7, 7, 8		SSØ1 3'-5' Brown silty Clay, gray & sandy at 4.5', some organic matter.		17"/24"	1.7 ppm	
5, 6	5, 11, 21, 13		SSØ2 5'-7' Brown-gray silty clay to 6.5', concrete rubble to 7'.		15"/24"	2.0 ppm	SØ1:SL:GNA6-Ø1-GT (Composite 3'-7')
7, 8	4, 11, 10, 8		SSØ3 7'-9' Concrete rubble and black sandy clayey material.		13"/24"	2.0 ppm	
9, 10	5, 7, 20, 8		SSØ4 9'-11' Black-tan silty clay and brick rubble, slight rubber odor (SWM)		15"/24"	3.3 ppm	
11, 12	2, 3		SSØ5 11'-13' Greenish-gray silty clay to 12.5', black oily silty clay to 13'		18"/24"	137 ppm	

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/27/99

CHK'D BY:

EARTH TECH

SØ1:SL:GNA6

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME / FINISH TIME
	TIME	
DATUM: MSL ELEVATION:	DATE	DATE / DATE
	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	50/5"						
	1						
13	→ 50/2"		SS86 13'-15' Concrete rubble		2" / 2"	N/R	
	–						
14	–						
	–						
15	4		SS87 15'-17' Green-gray Sandy silty CLAY, moist, odor		14" / 24"	146 ppm	
	2						
16	3						
	4						
17	4		SS88 17'-19' Tan-gray mottled silty CLAY, no odor.		14" / 24"	0.7 ppm	→ SØ1:SL:GNA6-Ø1
	5						
18	7						
	8						
19			Borehole terminated at 17.0' BGS. Sampling terminated at 19.0' BGS.				
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

EARTH TECH

SØ1:SL:GNAS

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0903 / FINISH TIME 0950
	TIME	
DATUM: MSL ELEVATION:	DATE	DATE 4/27/99 / DATE 4/27/99
DRILL RIG: CME	CASING DEPTH	
ANGLE: Vertical BEARING:	SURFACE CONDITIONS:	
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
			0.0'-3.0' Tan-brown silty CLAY, moist. Logged from cuttings.				
1							
2							
3	4		SS01 3'-5' Tan silty CLAY, moist		20"/24"	1.0 ppm	
4	4						
	6						
	7						
5	4		SS02 5'-7' SAA		20"/24"	1.1 ppm	
6	7						
	9						
	14						
7	7		SS03 7'-9' Tan and gray silty CLAY, moist.		15"/24"	1.4 ppm	
8	8						
	10						
	11						
9	8		SS04 9'-11' Gray-brown silty sandy CLAY, organic matter and possible brick fragments.		14"/24"	1.3 ppm	
10	7						
	8						
	10						
11	5		SS05 11'-13' Tan-gray silty CLAY, trace sand		15"/24"	203 ppm	
12	8						

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/27/99 CHK'D BY:

S01:SL:GNA5

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME / FINISH TIME
	WATER LEVEL	
	TIME	
	DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	11, 9						
13	5, 4		SS06 13'-15' Dark gray and tan Sandy Silty CLAY, odor.		14"/24"	1043 ppm	
14	3, 4						
15	3, 4		SS07 15'-17' Tan-Sandy silty clay and Sand - gasoline odor,		16"/24"	1000 ppm	
16	3, 5						
17	4, 7		SS08 17'-19' Tan-gray silty CLAY, slight odor.		15"/24"	11.7 ppm	
18	8, 9						
19	4, 6		SS09 19'-21' Tan-gray silty CLAY, moist.		16"/24"	0.8 ppm	→ S01:SL:GNA5-01
20	6, 6						
21			Borehole terminated at 19.0' BGS. Sampling terminated at 21.0' BGS				
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

S16:SL:GNB3

EARTH TECH

BOREHOLE LOG S16:SL:SL01

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:	
		SHEET: 1 OF 2	
	SAMPLING METHOD: Split Spoon	DRILLING	
		START TIME 1040	FINISH TIME 1123
	WATER LEVEL / TIME / DATE / CASING DEPTH	DATE 4/27/99	DATE 4/27/99
DATUM: MSL ELEVATION:			
DRILL RIG: CME	SURFACE CONDITIONS:		
ANGLE: Vertical BEARING:			
SAMPLE HAMMER WEIGHT: 140 lbs			

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1			0.0'-2.0' Brown silty clay. Logged from cuttings.			0.0 ppm	
2	6		SS01 2'-4' Tan-gray silty CLAY, moist.		20"/24"	0.0 ppm	
3	7						
	9						
4	8						
	7		SS02 4'-6' Gray silty CLAY.		16"/24"	0.0 ppm	
5	9						
	8						
6	6						
	6		SS03 6'-8' Tan-brown Sandy silty CLAY, slight odor.		15"/24"	56 ppm	
7	9						
	11						
8	12						
	6		SS04 8'-10' Black Sandy silty SLUM.		10"/24"	16 ppm	→ S16:SL:SL01-GT (Composite 0'-10')
9	7						
	8						
10	8						
	4		SS05 10'-12' Tan-gray Silty CLAY, some organic matter (SLUM)		14"/24"	74 ppm	→ S16:SL:SL01-05
11	7						
	7						
12	8						

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/27/99

CHK'D BY: ____

EARTH TECH

BOREHOLE LOG

S16:SL:GNB3
S16:SL:SL01

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
	SAMPLING METHOD: Split Spoon	SHEET: 2 of 2
	WATER LEVEL / TIME / DATE / CASING DEPTH	DRILLING START TIME / FINISH TIME / DATE / DATE
DATUM: MSL ELEVATION:		
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	4		SS#6 | 12'-14' Tan-gray Silty CLAY. slight odor.		14" / 24"	6 ppm	
13	5						
	8						
14	8						
	5		SS#7 | 14'-16' Tan-gray Silty CLAY,		16" / 24"	1.9 ppm	→ S16:SL:GNB3-01
15	4						
	8						
16	8						
			Borehole terminated at 14.0' BGS, Sampling terminated at 16.0' BGS				
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: Rowser Morner

LOGGED BY: JLH

CHK'D BY:

DATE:

S16:SL:GNB6
S16:SL:SLØ2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1330 / FINISH TIME 1409
	TIME	
	DATE	DATE 4/27/99 / DATE 4/27/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
			0'-2' Brown silty clay logged from cuttings.			0.0 ppm	
1							
2							
	4		SSØ1 2'-4' Brown-tan silty Clay, some brick fragments, moist.		18"/24"	6.6 ppm	
3	4						
	7						
	9						
4							
	5		SSØ2 4'-6' Black Granular Sand silt and Clayey Swm,		14"/24"	172 ppm	
5	8						
	19						
	31						
6							
	5		SSØ3 6'-8' SAA		13"/24"	2007 ppm	→ S16:SL:SLØ2-Ø3
7	4						
	5						
	5						
8							
	4		SSØ4 8'-10' NO RECOVERY		0"/24"	N/A	
9	2						
	3						
	4						
10							
	2		SSØ5 10'-12' NO RECOVERY		0"/24"	N/A	
11	4						
	5						
	5						
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 4/27/99 CHK'D BY: ____

EARTH TECH

S16:SL:GNB6
S16:SL:SL02

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME / FINISH TIME
	TIME	
DATUM: MSL ELEVATION:	DATE	DATE / DATE
DRILL RIG: CME	CASING DEPTH	
ANGLE: Vertical BEARING:	SURFACE CONDITIONS:	
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12							
	2		SS06 12'-14' Tan-olive-gray silty CLAY		16"/24"	2.9 ppm	→ S16:SL:SL02-GT (Composite 0'-14')
13	3						
	3						
14	3						
	4		SS07 14'-16' Tan-gray silty CLAY, slightly moist.		12"/24"	108 ppm	→ S16:SL:GNB6-01
15	4						
	4						
16	5						
	4		SS08 16'-18' Tan and gray mottled silty CLAY, slightly moist.		18"/24"	2.6 ppm	→ S16:SL:GNB6-02
17	4						
	6						
18	6						
			Borehole terminated at 16.0' BGS. Sampling terminated at 18.0' BGS				
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE:

CHK'D BY:

S03:SL:SL01

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1425 / FINISH TIME 1450
	TIME	
	DATE	DATE 4/27/99 / DATE 4/27/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1			0'-2' Brown silty CLAY, moist. logged from cuttings.				
2	3 5 5 8		SS01 2'-4' Tan silty CLAY, slightly moist.		20"/24"	0.4 ppm	
4	6 10 14 16		SS02 4'-6' Gray-brown black sandy silty Sum.		14"/24"	14.8 ppm	S03:SL:SL01-02
6	7 7 8 9		SS03 6'-8' Tan-gray Silty CLAY		18"/24"	54 ppm	S03:SL:SL01-03
8	4 4 6 6		SS04 8'-10' Tan-brown sandy silty CLAY.		14"/24"	1.2 ppm	S03:SL:SL01-04 S03:SL:SL01-07 (Composite 0'-10')
10			Borehole terminated at 8.0' BGS. Sampling terminated at 10.0' BGS.				
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/27/99

CHK'D BY: ____

SØ3:SL:SLØ2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1510 / FINISH TIME 1536
	TIME	
	DATE	DATE 4/27/99 / DATE 4/27/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
			0'-2' Tan-brown silty CLAY -moist.			0.0 ppm	
1							
2							
	3 4 4 5		SSØ1 2'-4' Tan-brown mottled silty CLAY, moist.		16"/24"	0.0 ppm	
3							
4							
	3 4 4 5		SSØ2 4'-6' Gray-tan mottled silty CLAY.		15"/24"	0.0 ppm	
5							
6							
	3 4 5 6		SSØ3 6'-8' Tan-gray mottled silty CLAY		18"/24"	0.0 ppm	→ SØ3:SL:SLØ2-Ø3
7							
8							
	3 4 5 6		SSØ4 8'-10' SAA		18"/24"	0.0 ppm	
9							
10							
	4 5 7 9		SSØ5 10'-12' SAA		18"/24"	0.0 ppm	→ SØ3:SL:SLØ2-GT * → SØ3:SL:SLØ2-GD * * Composite 0'-12'
11							
12			Borehole terminated at 10.0' BGS. Sampling terminated at 12.0' BGS.				

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/27/99 CHK'D BY: ____

S08:SL:SL01

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO.
		SHEET: 1 OF 1
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 0745 / FINISH TIME 0810
	TIME	
	DATE	DATE 4/28/99 / DATE 4/28/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1			0'-2' Brown silty CLAY; logged from cuttings.			0.0 ppm	
2	5		SS01 2'-4' Tan silty CLAY.		20"/24"	7.0 ppm	
3	6						
	10						
4	10						
	8		SS02 4'-6' Tan and gray mottled Sandy silty CLAY.		19"/24"	19 ppm	
5	10						
	17						
6	13						
	8		SS03 6'-8' Brown-black Sandy silty SLUM.		14"/24"	38 ppm	→ S08:SL:SL01-03
7	10						
	10						
8	8						
	3		SS04 8'-10' Tan silty CLAY.		15"/24"	0.0 ppm	→ S08:SL:SL01-GT (Composite 0'-10')
9	5						
	5						
10	7						
			Borehole terminated at 8.0' BGS. Sampling terminated at 10.0' BGS.				
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/28/99

CHK'D BY:

S08:SL:SL02

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:	
		SHEET: 1 OF 2	
	SAMPLING METHOD: Split Spoon	DRILLING	
	WATER LEVEL	START TIME 0818	FINISH TIME 0845
	TIME		
	DATE	DATE 4/28/99	DATE 4/28/99
DATUM: MSL ELEVATION:	CASING DEPTH		
DRILL RIG: CME	SURFACE CONDITIONS:		
ANGLE: Vertical BEARING:			
SAMPLE HAMMER WEIGHT: 140 lbs			

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1			0'-2' Tan-brown Silty CLAY. Logged from cuttings.			0.0 ppm	
2	6 9 11 13		SS01 2'-4' Tan-gray mottled silty CLAY		19" / 24"	48 ppm	
4	6 7 9 10		SS02 4'-6' Tan-gray mottled Sandy silty CLAY.		19" / 24"	4.2 ppm	
6	4 5 6 8		SS03 6'-8' Tan silty CLAY to 7.5 black sandy silty SWM to 8'.		14" / 24"	149 ppm	→ S08:SL:SL02-03
8	4 6 5 7		SS04 8'-10' Brown and black SWM.		18" / 24"	52 ppm	
10	6 9 6 6		SS05 10'-12' SAA		18" / 24"	10 ppm	
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/28/99

CHK'D BY:

S08:SL:SL02

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME / FINISH TIME
	WATER LEVEL / TIME / DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	4		SS06 12'-14' Gray silty clay.		16" / 24"	0.0 ppm	→ S08:SL:SL02-GT (Composite 0'-14')
13	5						
	4						
	6						
14			Borehole terminated at 12.0' BGS. Sampling terminated at 14.0' BGS.				
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE:

CHK'D BY:

SØ2:SL:SLØ1

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 2

DRILLING

START TIME	FINISH TIME
0930	1011
DATE	DATE
4/28/99	4/28/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME SURFACE CONDITIONS:

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1			0'-2' Brown silty CLAY, moist. logged from cuttings.			0.0 ppm	
2	5		SSØ1 2'-4' Tan-gray Sandy Silty CLAY		18"/24"	0.0 ppm	
3	9						
	12						
4	11						
5	8		SSØ2 4'-6' Brown-tan-gray sandy CLAY, mild odor.		16"/24"	0.0 ppm	
	9						
	11						
6	15						
7	6		SSØ3 6'-8' SAA to 7', grayish black sandy silty SILT to 8'.		13"/24"	15.8 ppm	
	8						
	9						
8	11						
9	5		SSØ4 8'-10' Black sandy, silty, clayey SILT and concrete rubble.		14"/24"	48 ppm	
	5						
	8						
10	6						
11	5		SSØ5 10'-12' SAA - odor.		14"/24"	240 ppm	
	4						
	5						
12	7						

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/28/99 CHK'D BY:

EARTH TECH

BOREHOLE LOG

SØ2:SL:SLØ1

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
		START TIME / FINISH TIME
	WATER LEVEL / TIME / DATE	DATE / DATE
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	3, 4, 6, 7		SSØ6 12'-14' SAA		14"/24"	480 ppm	→ SØ2:SL:SLØ1-Ø6 → SØ2:SL:SLØ1-GT (12'-14')
13, 14	3, 5, 5, 5		SSØ7 14'-16' SAA, softer, oily.		16"/24"	270 ppm	
16, 17	5, 6, 9, 6		SSØ8 16'-18' Tan-gray mottled silty clay.		16"/24"	0.0 ppm	
18, 19, 20, 21, 22, 23, 24			Borehole termination at 16.0' BLS. Sampling terminated at 18.0' BLS.				

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE:

CHK'D BY:

S02:SL:SL02

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME 1104 / FINISH TIME 1145
	TIME	
	DATE	DATE 4/28/99 / DATE 4/28/99
DATUM: MSL ELEVATION:	CASING DEPTH	
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1			0.0'-2' Brown silty clay, moist. Logged from cuttings.			0.0 ppm	
2, 3	5, 8, 11, 13		SS01 2'-4' Tan-lightgray mottled Sandy silty clay.		18"/24"	0.0 ppm	
4, 5	18, 19, 16, 14		SS02 4'-6' Black silty Sandy clay and Concrete rubble (Swm)		16"/24"	220 ppm	
6, 7	4, 5, 4, 4		SS03 6'-8' SAA - oily.		14"/24"	380 ppm → S02:SL:SL02-03	
8, 9	5, 3, 1, 1		SS04 8'-10' SAA		16"/24"	320 ppm	
10, 11, 12	2, 2, 1, 2		SS05 10'-12' SAA		14"/24"	280 ppm	

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

DATE: 4/28/99 CHK'D BY:

S02:SL:SL02

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 2 of 2

DRILLING

START TIME	FINISH TIME
DATE	DATE

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

SURFACE CONDITIONS:

DRILL RIG: CME

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	5		SS06 12'-14' Gray Sandy silty CLAY, Some Sand.		14"/24"	300 ppm	→ S02:SL:SL02-GT (Composite 0'-14')
13	3						
	4						
	3						
14	3		SS07 14'-16' Tan-gray mottled silty CLAY		18"/24"	0.0 ppm	
15	4						
	4						
	4						
16			Borehole terminated at 14.0' BGS. Sampling terminated at 16.0' BGS.				
17							
18							
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWLSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

SØ1:SL:SLØ2

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

BORING NO:

SHEET: 1 OF 2

DRILLING

START TIME	FINISH TIME
1320	1420
DATE	DATE
4/28/99	4/28/99

WATER LEVEL
TIME
DATE
CASING DEPTH

DATUM: MSL ELEVATION:

DRILL RIG: CME

SURFACE CONDITIONS:

ANGLE: Vertical BEARING:

SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1							
2							
3	3, 4, 6, 7		SSØ1 2'-4' Tan-gray Silty clay.		14"/24"	0.0 ppm	
4	6, 6, 6, 7		SSØ2 4'-6' SAA		14"/24"	0.0 ppm	
5							
6	6, 8, 13, 12		SSØ3 6'-8' Tan-gray SWM and organic material and construction debris.		14"/24"	1.1 ppm	
7							
8	5, 5, 9, 10		SSØ4 8'-10' SAA		14"/24"	5.0 ppm	
9							
10	5, 5, 7, 9		SSØ5 10'-12' SAA		14"/24"	200 ppm	→ SØ1:SL:SLØ2-Ø5
11							
12							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH / JG

DATE: 4/28/99

CHK'D BY:

EARTH TECH

SØ1:SL: SLØ2

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 2 of 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL	START TIME / FINISH TIME
	TIME	
DATUM: MSL ELEVATION:	DATE	DATE / DATE
DRILL RIG: CME	CASING DEPTH	
ANGLE: Vertical BEARING:	SURFACE CONDITIONS:	
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	5		SSØ6 12'-14'		18"/24"	50 ppm	
	6		SAA				
13	9						
	12						
14	4		SSØ7 14'-16'		12"/24"	200 ppm	
	4		SAA				
15	7						
	11						
16	5		SSØ8 16'-18'		14"/24"	150 ppm	→ SØ1:SL:SLØ2-Ø8
	9		Tan-gray silty clay.				
17	6						
	8						
18	3		SSØ9 18'-20'		16"/24"	0.0 ppm	→ SØ1:SL:SLØ2-Ø9
	4		SAA				
19	5						→ SØ1:SL:SLØ2-CT (Composite 0'-20')
	5						
20			Borehole terminated at 18.0' BGS. Sampling terminated at 20.0' BGS.				
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH / JG

DATE: _____ CHK'D BY: _____

EARTH TECH

S01:SL:SL01

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio	DRILLING METHOD: H.S.A.	BORING NO:
		SHEET: 1 OF 2
	SAMPLING METHOD: Split Spoon	DRILLING
	WATER LEVEL / TIME / DATE / CASING DEPTH	START TIME 1445 / FINISH TIME 1527
DATUM: MSL ELEVATION:		DATE 4/28/99 / DATE 4/28/99
DRILL RIG: CME	SURFACE CONDITIONS:	
ANGLE: Vertical BEARING:		
SAMPLE HAMMER WEIGHT: 140 lbs		

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
1			0.0'-2.0' Brown silty clay, moist. logged from cuttings		~~18"~~ ~~24"~~	0.0 ppm	
2							
3	6 6 6 8		SS01 2'-4' Brown-gray mottled silty clay, slightly moist no odor.		18" / 24"	0.0 ppm	
4							
5	4 4 6 7		SS02 4'-6' SAA		18" / 24"	0.0 ppm	
6							
7	19 23 19 12		SS03 6'-8' Black-brown Sand		16" / 24"	380 ppm	S01:SL:SL01-03
8							
9	6 9 7 4		SS04 8'-10' SAA		16" / 24"	162 ppm	
10							
11	4 2 3 3		SS05 10'-12' Slough from 8'-10'.		4" / 24"	N/A	
12							

DRILLING CONTR: Bowser Morner

LOGGED BY: JLH

DATE: 4/28/99

CHK'D BY:

S01:SL:SL01

EARTH TECH

BOREHOLE LOG

SITE NAME AND LOCATION: CWM -Vickery, Ohio

DRILLING METHOD: H.S.A.

SAMPLING METHOD: Split Spoon

WATER LEVEL
TIME
DATE
CASING DEPTH

BORING NO:
SHEET: 2 of 2

DRILLING
START TIME | FINISH TIME
DATE | DATE

DATUM: MSL
ELEVATION:
DRILL RIG: CME
SURFACE CONDITIONS:
ANGLE: Vertical
BEARING:
SAMPLE HAMMER WEIGHT: 140 lbs

DEPTH IN FEET	BLOWS / 6 IN. ON SAMPLER	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	DEPTH IN FEET	RECOVERY	PID READINGS	DESCRIPTION OF OPERATION AND REMARKS
12	3		SS06 12'-14' Black SWM		14"/24"	260 ppm	
13	3						
	3						
	4						
14	4		SS07 14'-16' SAA		16"/24"	300 ppm	
15	5						
	7						
	6						
16	4		SS08 16'-18' Tan-gray mottled silty CLAY.		18"/24"	0.0 ppm	→ S01:SL:SL01-GT Composite 0'-18'
17	4						
	4						
	7						
18			Borehole terminated at 16.0' BGS. Sampling terminated at 18.0' BGS.				
19							
20							
21							
22							
23							
24							

DRILLING CONTR: BOWSER MORNER

LOGGED BY: JLH

CHK'D BY:

DATE:

APPENDIX C

Daily Field Report Forms

CWM Vickery – RFI
Daily Field Report No. 1
Date: Monday March 8, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: None
Weather: Sunny, high of 40° F

Activities:

Andrea Frustaci and Jack Heely drove the Earth Tech field vehicle (black Chevy truck) and field supplies from the Fairless Hills, PA office to the rented housing in Port Clinton, Ohio, obtained keys to rented condos.

Jim Gibson flew from Philadelphia to Cleveland, obtained the second field vehicle (rented 4-wheel drive), and drove to Port Clinton.

Prepared by: John L. Heely

Signature: John L. Heely

Date: 3/8/99

CWM Vickery – RFI
Daily Field Report No. 2
Date: Tuesday March 9, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: None
Weather: Heavy snow, high of 25° F

Activities:

Earth Tech personnel moved into temporary field office within the Vickery site administrative building.

Met with Steve Lonneman of Vickery for site orientation and visited the site carpentry shop, which will serve as our field staging area for sampling supplies (a second room in the carpentry shop will house our sampling supplies; this room is secured with a combination lock for the purpose of custody control of the sample containers).

Our shipment of other supplies (via Federal Express from Fairless Hills) has been delayed by the snowstorm and should arrive tomorrow (3/10).

Per a phone call from Mike Bedard (Earth Tech's RFI project manager), the USEPA has verbally approved use of the microwave oven to conduct headspace analysis of samples for 'selected' locations.

For remainder of the day we reviewed the drilling locations on the work plan maps to select a starting area with favorable access given the large amount of snow cover. Following this we went to Wal Mart to obtain disposable field sampling supplies (trash bags, zip lock bags, duct tape, etc.).

Prepared by: John L. Heely

Signature: _____

Date: 3/9/99

CWM Vickery – RFI
Daily Field Report No. 3
Date: Wednesday March 10, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Kusma Associates Surveying
Weather: Sunny, high of 30° F, windy

Activities:

Paul Anteau, site safety supervisor, conducted a site safety orientation for the Earth Tech personnel, the surveyors, and Jim Forney and Laura Keener (of Chemical Waste Management).

Following the safety briefing, Jack Heely, Jim Forney, and Laura Keener discussed project logistics while Jim Gibson assisted the surveyors in staking locations on site.

Other activities:

- Conducted site reconnaissance with Steve Lonneman to determine the best location to start (he suggested SWMU 14);
- Moved sample containers and supplies into the staging area (carpentry shop)
- Conducted an inventory of the sample supplies sent by GPL laboratories. Several deficiencies were noted and discussed with the lab (see field notes for further elaboration);
- Obtained additional field supplies from Wal Mart.

Prepared by: John L. Heely

Signature: John L. Heely

Date: 3/10/99

CWM Vickery – RFI
Daily Field Report No. 4
Date: Thursday March 11, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Kusma Associates Surveying
Weather: Sunny, high of 30° F, windy

Activities:

- Kusma Associates continued staking drill locations.
- Conducted site reconnaissance on foot to evaluate drill rig access. Takled with Steve Lonneman about getting areas of high snow drifts plowed for drill rig access.
- Ice chest and bags of ice were delivered to the site by Luc Ice (this will be used to chill samples after collection to the required minimum of 4 degrees centigrade.
- Conducted photo reconnaissance of staked locations for areas of poor access or obstructions (overhead power lines or structures).
- Informed Laura Keener that we will likely start drilling on Monday March 15.
- Obtained further field supplies from Wal Mart.

Prepared by: John L. Heely

Signature: _____

Date: 3/11/99

CWM Vickery – RFI
Daily Field Report No. 5
Date: Friday March 12, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Kusma Associates, Bowser-Morner Drilling
Weather: Sunny, high of 35° F

Activities:

- Paul Anteau conducted site safety orientation for drilling crew.
- Conducted reconnaissance of the potable water supply located in Clyde.
- Conducted site reconnaissance with drill crew, then set up the decontamination area (in the existing site truck wash facility).
- Set up drill cutting and PPE disposal area with site shift supervisor John Moneghan (cuttings to be placed in a designated roll-off container near the decontamination area).
- Conducted tests of microwave oven and crock pot to determine the amount of time the microwave must run to heat soil to the same temperature as the crock pot bath procedure in the work plan (results of test indicate 12 seconds of microwave time). A report of this test was prepared and submitted to Mike Bedard.
- Review issues of drill rig and drilling procedures with Mike Bedard and drilling contractor (see field notes for further elaboration).

Prepared by: John L. Heely

Signature: John L. Heely

Date: 3/12/99

CWM Vickery – RFI
Daily Field Report No. 6
Date: Saturday March 13, 1999

Earth Tech Project Number 33976

Personnel: Jack Heely
Contractors: None
Weather: N/A

Activities:

- Set-up printer for office, printed field forms for next weeks drilling.

Prepared by: John L. Heely

Signature: [signature]

Date: 3/13/99

CWM Vickery – RFI
Daily Field Report No. 7
Date: Sunday March 14, 1999

Earth Tech Project Number 33976

Personnel: Jack Heely, Andrea Frustaci
Contractors: None
Weather: N/A

Activities:

- Printed work plan excerpts and additional/revised field information forms for next weeks drilling.
- Revised project health and safety plan.

Prepared by: John L. Heely

Signature: JL Heely

Date: 3/14/99

CWM Vickery – RFI
Daily Field Report No. 8
Date: Monday March 15, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Kusma Associates, Bowser-Morner Drilling
Weather: Not recorded

Activities:

- Re-evaluated sample delivery and pick-up by Federal Express, since they would not guarantee a 5:00 pm daily pick-up time.

- Evaluated drill rig decontamination and health and safety issues (potential conflict between work plan procedures and the project health and safety plan). Mike Bedard will discuss further with USEPA and OEPA. Earth Tech health and safety personnel will resolve the other issues.

- Attempted to drive the drill rig (Mobile B-61 truck-mounted) on a clean-closed, off-road portion of the site to determine how the rig would handle snowy and muddy conditions at the rest of the site. The rig became stuck after about 50 feet and required assistance from the site front-end loader to get out of the field. Mike Bedard will make arrangements with the drilling contractor to get an ATV rig on site as soon as possible.

- We will attempt to use the B-61 rig at easy access locations (i.e. adjacent to paved or gravel access roads) until the ATV rig arrives. Conducted decontamination of drill rig.

Prepared by: John L. Heely

Signature: John L. Heely

Date: 3/15/99

CWM Vickery – RFI
Daily Field Report No. 9
Date: Tuesday March 16, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Not recorded

Activities:

- Drillers continue decontamination of drill rig, augers, split spoons and tools;
- Conducted calibration of PID (for field screening of soil samples) and Multi-Rae (for monitoring of work zone atmosphere).
- Paul Anteau conducted inspection of drill rig (Mobile B-61) for OSHA compliance. He noted that an exhaust coupling was broken (allowing carbon monixide to escape), and that oil was leaking from the crank case of the truck. Additionally, Andrea Frustaci noted hydraulic fluid leaking in the central portion of the rig. It was later noted that several pools of fluid had accumulated under the rig during the time it sat parked following the OHSA inspection.
- Based on rig inspection, this rig (Mobile B-61) will not be used. The ATV rig is expected to be on site by Thursday March 18, 1999. We will conduct sediment sampling in Little Raccoon Creek and Meyer's Ditch on Wednesday March 17, 1999.
- Drillers finished decontamination of the split spoons and augers (to be used with the replacement rig).

Prepared by: John L. Heely

Signature: John L. Heely

Date: 3/16/99

CWM Vickery – RFI
Daily Field Report No. 10
Date: Wednesday March 17, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Sunny, 60° F

Activities:

- Drillers await arrival of the ATV rig;
- Conducted calibration of PID (for field screening of soil samples) and Multi-Rae (for monitoring of work zone atmosphere). Labelled sample containers for sediment sampling.
- Conducted stream sediment sampling in Little Raccoon Creek and Meyer's Ditch. Samples collected today include:

ACH:SD:SD01-01	ACH:SD:SD05-01-MD
ACH:SD:SD02-01	ACH:SD:SD06-01
ACH:SD:SD03-01	ACH:SD:SD07-01
ACH:SD:SD04-01	ACH:SD:SD08-01
ACH:SD:SD05-01	ACH:SD:SD09-01
ACH:SD:SD05-01-FD	ACH:SD:SD10-01
ACH:SD:SD05-01-MS	ACH:SD:SD11-01

(FD = Field Duplicate, MS = Matrix Spike, MD = Matrix Spike Duplicate)

- A slight problem was encountered when the Encore sampling devices (used for VOC analysis) could not function properly with the subsurface material encountered (when pushed into the sample, the Encore could not retain the sample due to a vacuum created when attempting to extract the device. To rectify this, sample was placed into the encore by hand – samplers wore clean Nitrile gloves for each sample).
- ATV drill rig (CME 550) arrived on site.

Prepared by: John L. Heely

Signature: [signature]

Date: 3/17/99

CWM Vickery – RFI
Daily Field Report No. 11
Date: Thursday March 18, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Sunny, 35° F, windy

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.
- Drillers decontaminated ATV drill rig (CME 550), prepared rig for inspection.
- Paul Anteau conducted inspection of drill rig for OSHA compliance. The rig required only minor changes, and is acceptable for drilling provided the necessary changes are made (see daily health and safety log for more information).
- Started drilling program at S14:SL:GNA1.
- Completed S14:SL:GNA1 with two samples collected. See drill summary table for further drilling information.
- A slight problem was encountered when the Encore sampling devices (used for VOC analysis) could not function properly with the subsurface material encountered (when pushed into the sample, the Encore could not retain the sample due to a vacuum created when attempting to extract the device. To rectify this, sample was placed into the encore by hand – samplers wore clean Nitrile gloves for each sample).

Prepared by: John L. Heely

Signature: [signature]

Date: 3/18/99

CWM Vickery – RFI
Daily Field Report No. 12
Date: Friday March 19, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Cloudy, 35° F, wind 5 mph from the west

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.
- Completed S14:SL:GNA2 with two samples collected. See drill summary table for further drilling information.
- Similar problems (as on 3/18) with Encore samplers.

Prepared by: John L. Heely

Signature: [signature]

Date: 3/19/99

CWM Vickery – RFI
Daily Field Report No. 13
Date: Monday March 22, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely

Contractors: Bowser-Morner Drilling

Weather: Cloudy-flurries, 35° F, wind 10 to 15 mph from the west

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- Completed S14:SL:GND1 with two samples collected. See drill summary table for further drilling information.

- A problem was encountered with Bower-Morner's grout mixer. The drillers spent the remainder of the day attempting to repair it. The borehole was abandoned using grout from the mixer applied by gravity feed. The grout mixer will require several days to repair.

Prepared by: John L. Heely

Signature: John L. Heely

Date: 3/22/99

CWM Vickery – RFI
Daily Field Report No. 14
Date: Tuesday March 23, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Partly cloudy, 35° F, wind 5 mph from the west

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- Ron Partilla of Earth Tech was on site to conduct a health and safety audit.

- Received verbal approval from Steve Lonneman to abandon boreholes with hydrated bentonite chips.

- The following samples were collected today (see drill summary table for additional information):

BGS:SL:BG01-01	BGS:SL:BG04-01
BGS:SL:BG01-02	BGS:SL:BG04-02
BGS:SL:BG02-01	BGS:SL:BG05-01
BGS:SL:BG02-02	BGS:SL:BG05-02
BGS:SL:BG03-01	S14:SL:GNC2-01
BGS:SL:BG03-01-FD	S14:SL:GNB2-01
BGS:SL:BG03-02	S14:SL:GNB2-01-FD
BGS:SL:BG03-02-MS	S14:SL:GNB1-01
BGS:SL:BG03-02-MD	S14:SL:GNB1-01-GT

FD = Field Duplicate, MS = Matrix Spike, MD = Matrix Spike Duplicate, GT = Geotechnical sample

Prepared by: John L. Heely

Signature: JL Heely

Date: 3/23/99

CWM Vickery – RFI
Daily Field Report No. 15
Date: Wednesday March 24, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Sunny, 35° F, wind 5-10 mph from the west

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- Received verbal approval from USEPA and OEPA to abandon boreholes with hydrated bentonite chips.

- The following samples were collected today (see drill summary table for additional information):

S14:SL:GNC1-01	S15:SL:GNA3-01	S15:SL:GNB1-01-GT
S14:SL:GNC1-01-MS	S15:SL:GNB3-01	S15:SL:GNC1-01
S14:SL:GNC1-01-MD	S15:SL:GNA2-01	S15:SL:GNB2-01
S15:SL:GNA4-01	S15:SL:GNA1-01	S15:SL:GNB2-01-FD
S15:SL:GNB4-01	S15:SL:GNA1-01-MS	S15:SL:GNC2-01
S15:SL:GNB4-01-GT	S15:SL:GNA1-01-MD	S15:SL:GNC3-01
S15:SL:GNB4-01-GD	S15:SL:GNB1-01	S15:SL:GNC4-01

FD = Field Duplicate, MS = Matrix Spike, MD = Matrix Spike Duplicate,
GT = Geotechnical sample, GD = Geotechnical Duplicate

Prepared by: John L. Heely

Signature: John L. Heely

Date: 3/24/99

CWM Vickery – RFI
Daily Field Report No. 16
Date: Thursday March 25, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Cloudy, 35° F, humid

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- The following samples were collected today (see drill summary table for additional information):

S12:SL:GNF3-01	S12:SL:GNE2-01-GT	S12:SL:GNC2-01-GT
S12:SL:GNF2-01	S12:SL:GNE3-01	S12:SL:GNC3-01
S12:SL:GNF2-02	S12:SL:GNE3-01-FD	S12:SL:GNB3-01
S12:SL:GNF2-03	S12:SL:GND3-01	S12:SL:GNB2-01
S12:SL:GNF1-01	S12:SL:GND2-01	S12:SL:GNB2-01-FD
S12:SL:GNE1-01	S12:SL:GND1-01	S12:SL:GNA2-01
S12:SL:GNE2-01	S12:SL:GNC2-01	

FD = Field Duplicate, MS = Matrix Spike, MD = Matrix Spike Duplicate,
GT = Geotechnical sample, GD = Geotechnical Duplicate

Prepared by: John L. Heely

Signature: John L Heely

Date: 3/25/99

CWM Vickery – RFI
Daily Field Report No. 17
Date: Friday March 26, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Cloudy, 35° F, wind 5-10 mph from the north

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- Mike Christopher (Earth Tech), on site to conduct RFI Work Plan field procedural audit.

- The following samples were collected today (see drill summary table for additional information):

S13:SL:GNA1-01	S13:SL:GNB2-01-GD
S13:SL:GNA1-01-FD	S13:SL:GNA2-01
S13:SL:GNB1-01	S13:SL:GNA3-01
S13:SL:GNC1-01	S13:SL:GNB3-01
S13:SL:GNC2-01	S13:SL:GNC3-01
S13:SL:GNC2-01-MS	S13:SL:GNC4-01
S13:SL:GNC2-01-MD	S13:SL:GNB4-01
S13:SL:GNB2-01	S13:SL:GNA4-01
S13:SL:GNB2-01-GT	

FD = Field Duplicate, MS = Matrix Spike, MD = Matrix Spike Duplicate,
GT = Geotechnical sample, GD = Geotechnical Duplicate

Prepared by: John L. Heely

Signature: John L Heely

Date: 3/26/99

CWM Vickery – RFI
Daily Field Report No. 18
Date: Monday March 29, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Sunny, 45° F, wind 5-10 mph from the west

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- The following samples were collected today (see drill summary table for additional information):

S37:SL:SF01-01	S40:SL:SF01-01	S39:SL:SF01-01-MD
S37:SL:SF02-01	S40:SL:SF02-01	S39:SL:SF02-01
S38:SL:SF01-01	S40:SL:SF02-01-FD	S52:SL:SF01-01
S38:SL:SF01-01-GT	S39:SL:SF01-01	
S38:SL:SF02-01	S39:SL:SF01-01-MS	

FD = Field Duplicate, MS = Matrix Spike, MD = Matrix Spike Duplicate,
GT = Geotechnical sample, GD = Geotechnical Duplicate

- The drill rig experienced a hydraulic line failure upon completion of boring S52 (a hydraulic line on the hammer was cut when the rig mast was lowered, with a minor pin-hole leak (which was immediately taped while the rig was moved to the decontamination area). The hydraulic line was taped to prevent further leakage while the driller obtained a replacement line. The line should be repaired by tomorrow.

Prepared by: John L. Heely

Signature: John L. Heely

Date: 3/29/99

CWM Vickery – RFI
Daily Field Report No. 19
Date: Tuesday March 30, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Sunny, 50° F

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- Repair of the drill rig hydraulic system continued until approximately 2:00 pm. The repair of the system was tested successfully (with no leaks), after which the rig was thoroughly decontaminated.

- The following samples were collected today (see drill summary table for additional information):

ACA:SL:SF07-01	S34:SL:SF02-01	ACA:SL:SF03-01
ACA:SL:SF06-01	S33:SL:SF02-01	ACA:SL:SF01-01
S33:SL:SF01-01	S31:SL:SF01-01	S35:SL:SF01-01
S34:SL:SF01-01	S32:SL:SF01-01	S36:SL:SF01-01
S34:SL:SF01-01-FD	S32:SL:SF02-01	S36:SL:SF02-01
S49:SL:SF01-01	S32:SL:SF02-01-GT	S48:SL:SF01-01
S49:SL:SF01-01-FD	ACA:SL:SF05-01	ACC:SL:SF01-01
S49:SL:SF01-01-GT	ACA:SL:SF04-01	ACC:SL:SF01-01-GT

FD = Field Duplicate, MS = Matrix Spike, MD = Matrix Spike Duplicate,
GT = Geotechnical sample, GD = Geotechnical Duplicate

Prepared by: John L. Heely

Signature: John L. Heely

Date: 3/30/99

CWM Vickery – RFI
Daily Field Report No. 20
Date: Wednesday March 31, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Sunny, 55° F

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- The following samples were collected today (see drill summary table for additional information):

S35:SL:SF02-01	ACB:SL:SF01-01-MD	ACH:SL:SF02-01	S27:SL:SF03-01-GT
ACA:SL:SF02-01	ACA:SL:SF12-01	ACH:SL:SF02-01-MS	S30:SL:SF01-01
ACA:SL:SF02-01-FD	S41:SL:SF01-01	ACH:SL:SF02-01-MD	S30:SL:SF02-01
ACA:SL:SF02-01-MS	S41:SL:SF02-01	ACH:SL:SF02-01-GT	S30:SL:SF02-01-FD
ACA:SL:SF02-01-MD	S41:SL:SF02-01-FD	ACH:SL:SF03-01	S30:SL:SF03-01
S31:SL:SF02-01	S41:SL:SF02-01-MS	ACH:SL:SF03-01-GT	S30:SL:SF03-01-MS
ACA:SL:SF08-01	S41:SL:SF02-01-MD	ACH:SL:SF03-01-GD	S30:SL:SF03-01-MD
ACA:SL:SF09-01	S41:SL:SF03-01	ACH:SL:SF04-01	S29:SL:SF01-01
ACA:SL:SF09-01-GT	S41:SL:SF03-01-GT	S51:SL:SF01-01	S29:SL:SF02-01
S46:SL:SF01-01	ACB:SL:SF02-01	S51:SL:SF01-01-MS	S29:SL:SF03-01
ACA:SL:SF10-01	ACB:SL:SF02-01-GT	S51:SL:SF01-01-MD	S50:SL:SF01-01
ACA:SL:SF11-01	ACB:SL:SF02-01-GD	S51:SL:SF01-01-GT	S29:SL:SF04-01
ACB:SL:SF01-01	ACA:SL:SF13-01	S27:SL:SF01-01	S29:SL:SF04-01-GT
ACB:SL:SF01-01-FD	ACH:SL:SF01-01	S27:SL:SF02-01	
ACB:SL:SF01-01-MS	ACH:SL:SF01-01-FD	S27:SL:SF03-01	

FD = Field Duplicate, MS = Matrix Spike, MD = Matrix Spike Duplicate,
GT = Geotechnical sample, GD = Geotechnical Duplicate

Prepared by: John L. Heely

Signature: John L. Heely

Date: 3/31/99

CWM Vickery – RFI
Daily Field Report No. 21
Date: Thursday April 1, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Cloudy – light rain, 55° F, wind 5 mph from the west

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- The following samples were collected today (see drill summary table for additional information):

ACH:SL:SF05-01	ACA:SL:SF17-01
ACA:SL:SF14-01	ACA:SL:SF18-01
ACA:SL:SF14-01-GT	ACF:SL:SF02-01
ACA:SL:SF15-01	ACF:SL:SF02-01-MS
ACA:SL:SF15-01-FD	ACF:SL:SF02-01-MD
ACH:SL:SF06-01	ACF:SL:SF02-01-GT
ACA:SL:SF16-01	S47:SL:SF01-01
ACF:SL:SF01-01	S47:SL:SF01-02
ACF:SL:SF01-01-FD	

FD = Field Duplicate, MS = Matrix Spike, MD = Matrix Spike Duplicate,
GT = Geotechnical sample, GD = Geotechnical Duplicate

Prepared by: John L. Heely

Signature: John L. Heely

Date: 4/1/99

CWM Vickery – RFI
Daily Field Report No. 22
Date: Monday April 5, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Cloudy, 45° F, wind 5-15 mph from the East

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- The following samples were collected today (see drill summary table for additional information):

S42:SL:SL01-01	S42:SL:SL01-02-GT
S42:SL:SL01-01-MS	S45:SL:SL01-04
S42:SL:SL01-01-MD	S23:SL:SL01-02
S42:SL:SL01-02	S23:SL:SL02-02
S42:SL:SL01-02-FD	

FD = Field Duplicate, MS = Matrix Spike, MD = Matrix Spike Duplicate,
GT = Geotechnical sample, GD = Geotechnical Duplicate

Prepared by: John L. Heely

Signature: John L. Heely

Date: 4/5/99

CWM Vickery – RFI
Daily Field Report No. 23
Date: Tuesday April 6, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Rain, 65° F, wind 25-55 mph from the northeast

Activities:

Due to severe weather, no drilling was conducted today. Earth Tech personnel completed project related paper work, and prepared for the next round of sampling.

Prepared by: John L. Heely

Signature: Andrea Frustaci for JLH

Date: 4/6/99

CWM Vickery – RFI
Daily Field Report No. 24
Date: Wednesday April 7, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Sunny, 65° F, wind 5-10 mph from the west

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- The following samples were collected today (see drill summary table for additional information):

S23:SL:SL03-02	S43:SL:SL01-GT
S23:SL:SL04-02	S43:SL:SL02-04
S44:SL:SL01-02	S20:SL:SL01-02
S44:SL:SL01-03	BGS:SL:BG06-01
S44:SL:SL01-04	BGS:SL:BG06-02
S43:SL:SL01-04	BGS:SL:BG07-01
S43:SL:SL01-05	BGS:SL:BG07-02

FD = Field Duplicate, MS = Matrix Spike, MD = Matrix Spike Duplicate,
GT = Geotechnical sample, GD = Geotechnical Duplicate

Prepared by: John L. Heely for JLH

Signature: Andrea Frustaci

Date: 4/7/99

CWM Vickery – RFI
Daily Field Report No. 25
Date: Thursday April 8, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Sunny, 60° F, minimal wind

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- The following sample was collected today (see drill summary table for additional information):

  S06:SL:GNC1-01

- Attempted to sample S06:SL:GNA1, and S06:SL:GNB1, however liquid in the overlying stabilized waste migrated downward into the clean native soil beneath the SWMU. Discussed options with Earth Tech office and determined that the best method to obtain a sample will be to use sealed augers with a teflon plug. Driller will obtain augers and plugs for next week and will re-drill these borings to collect sample.

Prepared by: John L. Heely

Signature: Andrea Frustaci - for JLH

Date: 4/8/99

CWM Vickery – RFI
Daily Field Report No. 26
Date: Friday April 9, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Rain, 65° F, wind 25-55 mph from the northeast

Activities:

Due to severe weather (thunderstorms and tornado warning), no drilling was conducted today. Earth Tech personnel completed project related paper work (memo regarding drilling procedure for sealed augers with plug), and prepared containers and labels for the next round of sampling.

Prepared by: John L. Heely

Signature: John Heely for JLH

Date: 4/9/99

CWM Vickery – RFI
Daily Field Report No. 27
Date: Monday April 12, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Sunny, 45° F, wind 10 - 15 mph from the northwest

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- The following samples were collected today (see drill summary table for additional information):

  S06:SL:SL01-04
  S09:SL:SL01-05
  S09:SL:SL02-10
  S09:SL:SL02-11
  S09:SL:SL02-12

  FD = Field Duplicate, MS = Matrix Spike, MD = Matrix Spike Duplicate,
  GT = Geotechnical sample, GD = Geotechnical Duplicate

Prepared by: John L. Heely

Signature: Andrea Frustaci For JLH

Date: 4/12/99

CWM Vickery – RFI
Daily Field Report No. 28
Date: Tuesday April 13, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Sunny, 40 - 55° F, wind 10 mph from the west

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- The following samples were collected today (see drill summary table for additional information):

  S19:SL:SL01-03
  S06:SL:SL02-06
  S06:SL:GNB1-01 (successfully sampled with sealed augers and plug)
  S06:SL:GNA1-01 (successfully sampled with sealed augers and plug)

  FD = Field Duplicate, MS = Matrix Spike, MD = Matrix Spike Duplicate,
  GT = Geotechnical sample, GD = Geotechnical Duplicate

Prepared by: John L. Heely

Signature: for JLH

Date: 4/13/99

CWM Vickery – RFI
Daily Field Report No. 29
Date: Wednesday April 14, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Sunny, 40 - 55° F, wind 10 mph from the west

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- The following samples were collected today (see drill summary table for additional information):

  S06:SL:GND1-01
  S19:SL:GNF1-01
  S19:SL:GNF1-01-FD
  S19:SL:GNF1-01-GT
  S09:SL:GNE2-01
  S09:SL:GNE2-01-MS
  S09:SL:GNE2-01-MD
  S09:SL:GNF2-01
  S09:SL:GNF2-01-FD
  S09:SL:GNF2-01-GT

  FD = Field Duplicate, MS = Matrix Spike, MD = Matrix Spike Duplicate,
  GT = Geotechnical sample, GD = Geotechnical Duplicate

Prepared by: John L. Heely

Signature: Andrea Frustaci for JLH

Date: 4/14/99

CWM Vickery – RFI
Daily Field Report No. 30
Date: Thursday April 15, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Cloudy, 50° F, wind 10 mph from the east, rain in afternoon

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- The following samples were collected today (see drill summary table for additional information):

  S19:SL:GNE1-01
  S09:SL:GNF3-01
  S09:SL:GNF3-01-FD
  S09:SL:GNF3-01-GT
  S09:SL:GNE3-01
  S09:SL:GND3-01

  FD = Field Duplicate, MS = Matrix Spike, MD = Matrix Spike Duplicate,
  GT = Geotechnical sample, GD = Geotechnical Duplicate

- Drilling activities halted in the afternoon due to rain; crew decontaminated spoons and augers

Prepared by: John L. Heely

Signature: Andrea Frustaci For JLH

Date: 4/15/99

CWM Vickery – RFI
Daily Field Report No. 31
Date: Friday April 16, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Rain, 55° F, wind 25-35 mph from the northeast

Activities:

Due to severe weather (thunderstorms), no drilling was conducted today. Earth Tech personnel completed project related paper work, and prepared containers and labels for the next round of sampling.

Prepared by: John L. Heely

Signature: Adrian Frustaci For JLH

Date: 4/16/99

CWM Vickery – RFI
Daily Field Report No. 32
Date: Monday April 19, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Partly cloudy, 45° F, wind 5 mph from the northwest

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- The following samples were collected today (see drill summary table for additional information):

  S09:SL:GNB3-01
  S09:SL:GNA3-01
  S09:SL:GNC3-01
  S09:SL:GND2-01
  S09:SL:GNC2-01
  S09:SL:GNB2-01

  FD = Field Duplicate, MS = Matrix Spike, MD = Matrix Spike Duplicate,
  GT = Geotechnical sample, GD = Geotechnical Duplicate

Prepared by: John L. Heely

Signature: Andrea Frustaci for JLH

Date: 4/19/99

CWM Vickery – RFI
Daily Field Report No. 33
Date: Tuesday April 20, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Mostly cloudy, 45° F, wind 10 mph from the northeast

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- The following samples were collected today (see drill summary table for additional information):

  S09:SL:GNA2-01
  S16:SL:GNA7-01
  S16:SL:GNA7-01-MS
  S16:SL:GNA7-01-MD
  S16:SL:GNB7-01
  S16:SL:GNB7-01-FD
  S16:SL:GND7-01
  S16:SL:GNC7-01
  S16:SL:GNC7-01-GT

FD = Field Duplicate, MS = Matrix Spike, MD = Matrix Spike Duplicate,
GT = Geotechnical sample, GD = Geotechnical Duplicate

Prepared by: John L. Heely

Signature: Andrea Frustaci for JLH

Date: 4/20/99

CWM Vickery – RFI
Daily Field Report No. 34
Date: Wednesday April 21, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Cloudy, 40° F, wind 10 mph from the south, AM rain

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- Ron Partilla of Earth Tech conducted the second scheduled health and safety audit for the project.

- The following samples were collected today (see drill summary table for additional information):

  S16:SL:GND6-01
  S16:SL:GND6-01-FD
  S16:SL:GND5-01
  S16:SL:GND4-01
  S16:SL:GND3-01
  S16:SL:GNC2-01
  S16:SL:GNB1-01

FD = Field Duplicate, MS = Matrix Spike, MD = Matrix Spike Duplicate,
GT = Geotechnical sample, GD = Geotechnical Duplicate

Prepared by: John L. Heely

Signature: Andrea Frustaci for JLH

Date: 4/21/99

CWM Vickery – RFI
Daily Field Report No. 35
Date: Thursday April 22, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Cloudy, 60° F, wind 10 mph from the north

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- The following samples were collected today (see drill summary table for additional information):

  S16:SL:GNC6-01
  S16:SL:GNC5-01
  S16:SL:GNC5-02
  S16:SL:GNC4-01
  S16:SL:GNC3-01
  S16:SL:GNC3-01-FD
  S03:SL:GNB2-01
  S03:SL:GNB2-01-GT

FD = Field Duplicate, MS = Matrix Spike, MD = Matrix Spike Duplicate,
GT = Geotechnical sample, GD = Geotechnical Duplicate

Prepared by: John L. Heely

Signature: Andrea Frustaci for JLH

Date: 4/22/99

CWM Vickery – RFI
Daily Field Report No. 36
Date: Friday April 23, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Rain, 60° F, wind 15-25 mph from the northeast

Activities:

No drilling conducted today due to rain. Prepared sample containers, paperwork, and prepare geophysics data for e-mail to office.

Prepared by: John L. Heely

Signature: for JLH

Date: 4/23/99

CWM Vickery – RFI
Daily Field Report No. 37
Date: Monday April 26, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Sunny, 50° F, wind 10 mph from the west

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- The following samples were collected today (see drill summary table for additional information):

  S02:SL:GNB5-01
  S02:SL:GNB4-01
  S03:SL:GNA2-01
  S16:SL:GNA3-01
  S16:SL:GNA3-01-MS
  S16:SL:GNA3-01-MD
  S16:SL:GNA4-01

FD = Field Duplicate, MS = Matrix Spike, MD = Matrix Spike Duplicate,
GT = Geotechnical sample, GD = Geotechnical Duplicate

Prepared by: John L. Heely

Signature: Andrea Frustaci for JLH

Date: 4/26/99

CWM Vickery – RFI
Daily Field Report No. 38
Date: Tuesday April 27, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Partly sunny, 55° F, wind 10 mph from the northeast

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- The following samples were collected today (see drill summary table for additional information):

S01:SL:GNA6-01	S01:SL:GNA6-01-GT
S01:SL:GNA5-01	S16:SL:SL01-05
S16:SL:SL01-GT	S16:SL:GNB3-01
S16:SL:SL02-03	S16:SL:SL02-GT
S16:SL:GNB6-01	S16:SL:GNB6-02
S03:SL:SL01-02	S03:SL:SL01-03
S03:SL:SL01-04	S03:SL:SL01-GT
S03:SL:SL02-03	S03:SL:SL02-GT
S03:SL:SL02-GD	

FD = Field Duplicate, MS = Matrix Spike, MD = Matrix Spike Duplicate,
GT = Geotechnical sample, GD = Geotechnical Duplicate

Prepared by: John L. Heely

Signature: John Heely for JLH

Date: 4/27/99

CWM Vickery – RFI
Daily Field Report No. 39
Date: Wednesday April 28, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Cloudy, 45° F, wind 15 mph from the east

Activities:

- Conducted morning health and safety briefing with drill crew; calibrated PID and Multi-Rae.

- Mike Christopher of Earth Tech on site to conduct second scheduled RFI procedural audit.

- The following samples were collected today (see drill summary table for additional information):

S08:SL:SL01-03	S08:SL:SL01-GT
S08:SL:SL02-03	S08:SL:SL02-GT
S02:SL:SL01-06	S02:SL:SL01-GT
S02:SL:SL02-03	S02:SL:SL02-GT
S01:SL:SL02-05	S01:SL:SL02-08
S01:SL:SL02-09	S01:SL:SL02-GT
S01:SL:SL01-03	S01:SL:SL01-GT

FD = Field Duplicate, MS = Matrix Spike, MD = Matrix Spike Duplicate,
GT = Geotechnical sample, GD = Geotechnical Duplicate

- Drilling and soil sampling activities completed (test pits still remain to be completed)

Prepared by: John L. Heely

Signature: [illegible] for JLH

Date: 4/28/99

CWM Vickery – RFI
Daily Field Report No. 40
Date: Thursday April 29, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: Bowser-Morner Drilling
Weather: Not recorded

Activities:

- Driller and helpers decontaminate all equipment, demobilize.
- Earth Tech crew inventories groundwater sampling containers and supplies, re-order bottles to replace those broken upon arrival to site.
- Prepare paperwork

Prepared by: John L. Heely

Signature: Andrea Frustaci 4/29/99

Date: FOR JLH

CWM Vickery – RFI
Daily Field Report No. 41
Date: Friday April 30, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: None
Weather: Not recorded

Activities:

- Purge groundwater monitoring wells L-19R and L-17 (both wells are low yield and were purged dry in preparation for sampling over the weekend.
- Prepare paperwork

Prepared by: John L. Heely

Signature: [illegible] for JLH

Date: 4/30/99

CWM Vickery - RFI
Daily Field Report No. 42
Date: Saturday May 1, 1999

Earth Tech Project Number 33976

Personnel: Jim Gibson, Jack Heely
Contractors: None
Weather: Not Recorded

Activities:

- Purging and collection of groundwater samples from monitoring wells L-25 and L-17.
- Due to low groundwater recharge in monitoring wells L-25 and L-17, only volatile organic analysis bottleware was collected.
- Groundwater sample collection was performed with dedicated stainless steel 1-liter hand bailers.

Prepared by: James Gibson

Signature: Jim Gibson

Date: 6/4/99

CWM Vickery - RFI
Daily Field Report No. 43
Date: Sunday May 2, 1999

Earth Tech Project Number 33976

Personnel: Jim Gibson, Jack Heely
Contractors: None
Weather: Not Recorded

Activities:

- Collection of groundwater sample from monitoring well L-25 and L-17. All bottleware for monitoring well L-25 is completed. Low groundwater recharge prevented the collection of any additional groundwater from L-17.

Prepared by: James Gibson

Signature: Jim P. Gibson

Date: 6/4/99

CWM Vickery - RFI
Daily Field Report No. 44
Date: Monday May 3, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: None
Weather: Sunny, Mid 70°'s

Activities:

- Collection of groundwater sample from monitoring wells L19A, L-20, L-26, MW-20R, MW-14R, MW-15R, MW-22R and Capillary drain.

- Field instrument readings are collected for all monitoring wells. Field readings consist of pH, temperature, specific conductivity, and turbidity. Field readings were collected using the following field units:

pH/temperature:	Fisher Accumet Model 955
conductivity:	Cole Palmer Model 4070
Turbidity:	LaMotte Model 2020

- All field instruments were received factory calibrated.

- Groundwater purging and collection was performed by dedicated 1-liter stainless steel bailers for monitoring well L19-A. All additional well purging and sample collection was performed by dedicated well wizards.

- Groundwater sampling was started on monitoring well L-19A, L20 and L-26 but the well ran dry after purging. Wells were allowed to recharge before collection of samples. Sampling was not completed on 5/3/99. No compositing of groundwater was performed on any samples.

- Field duplicate groundwater samples were collected for the monitoring well MW-22R and the capillary drain.

- Matrix spike and matrix spike duplicate samples were collected from MW-24R.

- Prepare paperwork

Prepared by: James Gibson

Signature: Jim P. Gibson

Date: 6/4/99

CWM Vickery - RFI
Daily Field Report No. 45
Date: Tuesday May 4, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: None
Weather: Sunny, Mid 70°'s

Activities:

- Collection of groundwater sample from monitoring wells MW-24R and the completion of sampling on monitoring wells L20, L19A and L26.

- Field instrument readings are collected for all monitoring wells. Field readings consist of pH, temperature, specific conductivity, turbidity. Field readings were collected using the following field units:

pH/temperature:	Fisher Accumet Model 955
conductivity:	Cole Palmer Model 4070
Turbidity:	LaMotte Model 2020

- All field instruments were received factory calibrated.

- Groundwater purging and collection was performed by dedicated 1 litter stainless steel bailers for monitoring well L19-A. All additional well purging and sample collection was performed by dedicated well wizards.

- Field blank groundwater samples were collected for the monitoring well L-19.

- Prepare paperwork

Prepared by: James Gibson

Signature: Jim P. Gibson

Date: 6/4/99

CWM Vickery - RFI
Daily Field Report No. 46
Date: Wednesday May 5, 1999

Earth Tech Project Number 33976

Personnel: Andrea Frustaci, Jim Gibson, Jack Heely
Contractors: None
Weather: Sunny, Mid 70°'s

Activities:

- Inventory and packing of the field office and equipment shed.
- Prepare paperwork

Prepared by: James Gibson

Signature: Jim P. Gibson

Date: 6/4/99

CWM Vickery - RFI
Daily Field Report No. 47
Date: Thursday May 6, 1999

Earth Tech Project Number 33976

Personnel: Jim Gibson
Contractors: None
Weather: Sunny, Mid 70°'s

Activities:

- Collection of additional groundwater from monitoring wells MW-20R, MW-14R, L19A and L20. Additional groundwater was collected due to the breakage of bottleware while on transit to GPL Laboratories located in Gaithersburg, Maryland.

Prepared by: James Gibson

Signature: Jim P. [illegible]

Date: 6/4/99

CWM Vickery – RFI
Daily Field Report No. AOCI-1
Date: Tuesday April 20, 1999

Earth Tech Project Number 33976

Personnel: Greg Kendall
Contractors: Mitrofan Josan (MJ Environmental)
Weather: rain in the morning, very cloudy

Activities:

1500 Calibration exercise with the EM31. Exercise is performed adjacent to Filter Bldg No. 2 (150 ft due east of bldg, along roadway)

1515 MJ sets up EM31 and runs it over a culvert pipe and checks the readings

1600 Set up a grid adjacent to dumpster staging area (see field book for diagram)

1700 GPR Survey

Set up the SIR-2 with 400MHz antenna. Take measurements in continuous mode due to problems with the survey wheel. Files 1-4 with survey wheel, 5-6 without (all of profile A/50). Tick marks are every 5 feet. File 7 is the A/10 profile. Measurements indicate the culvert and potential pipe trench areas (disturbed subsurface).

1830 Offsite

Prepared by: Gregory S. Kendall

Signature: Gregory S. Kendall

Date: 4/20/99

CWM Vickery – RFI
Daily Field Report No. AOCI-2
Date: Wednesday April 21, 1999

Earth Tech Project Number 33976

Personnel: Greg Kendall
Contractors: Mitrofan Josan (MJ Environmental)
Weather: overcast, very light rain 9on and off)

Activities:

700 Onsite. Health and Safety briefing with Andrea Frustaci.

720 Set up equipment staging area in carpentry shed. MJ calibrates EM31

745 EM31 is calibrated. Set up laptop for data download.
840 Collect measurements over Transect A with calibrated EM31. Also try SIR-2 with 200 MHz antenna. GPR work looks the same as with 400 MHz. (File 9)
1000 Set up Transect B adjacent to the Truck Wash facility. Field is due west of this bldg.
1015 MJ tests EM31 over transect area (power lines nearby). EM31 is not sensitive enough to collect data here.
1025 We run transects B/30, B/80 and B/130 with the 200 Mhz antenna.
1100 Retake measurements over these transects with 400 MHz antenna. Field is wet so change the dielectric constant to 27 (was previously set at 4).
1500 Set up at Transect C adjacent to Ohio EPA onsite trailer. Run transects C0 through C40.
1620 Pack up equipment
1700 Offsite.

Prepared by: Gregory S. Kendall

Signature: Gregory S. Kendall

Date: 4/21/99

CWM Vickery – RFI
Daily Field Report No. AOCI-3
Date: Thursday April 22, 1999

Earth Tech Project Number 33976

Personnel: Greg Kendall
Contractors: Mitrofan Josan (MJ Environmental)
Weather: overcast, rained heavily last night

Activities:

0700 On site. H&S meeting with Andrea Frustaci.
800 Walk prospective transect area between warehouse and carpenter's shed
845 Speak with maintenance supervisor (John Moneghan) about obtaining a backhoe to confirm our results.
900 Set up Transect D south of carpenter's shed and warehouse.
1000 Run transect with GPR (400 Mhz antenna, dielectric constant=13)
1030 Begin digging test pits with backhoe operator (Along transect A/50)
1100 Excavate two test pits in Transect B area
1340 Uncover fiberglass piping along transect D280
1400 Resume collecting data along transect D200
1430 Continue data collection with EM31 and SIR-2 in the field adjacent to warehouse.
1450 Both instruments are blind to the subsurface due to dense clays absorption of the signals.
1600 pack up equipment
1630 offsite.

Prepared by: Gregory S. Kendall

Signature: Gregory S. Kendall

Date: 4/22/99

CWM Vickery – RFI
Daily Field Report No. AOCI-4
Date: Tuesday May 11, 1999

Earth Tech Project Number 33976

Personnel: Greg Kendall
Contractors:
Weather: Sunny, 65

Activities:

0700 Arrive on site.

Calibrate PhotoVac and MultiRae meters. Set up sample jars, sampling equipment.

845 Begin excavation of Test Pit 1. Located adjacent to concrete dumpster staging area, along transect A/10 (see field notes for a sketch). No evidence of piping or contamination, therefore no sample collected. Decon backhoe bucket.

925 Excavate Test Pit 2. Located adjacent to Ohio EPA on site trailer (see field notes for a sketch). No evidence of piping or contamination, therefore no sample collected. Decon backhoe bucket.

1015 Excavate Test Pit 3. Located adjacent to Ohio EPA on site trailer (see field notes for a sketch). No evidence of piping or contamination, therefore no sample collected. Decon backhoe bucket.

1120 Excavate Test Pit 4. Located adjacent to Pump House #2 and boring S37:SL:SF02-01 (see field notes for a sketch). No evidence of piping or contamination, therefore no sample collected.

1345 Purge monitoring well L25. Remove a total volume of 2 gallons.

1415 Steam clean backhoe bucket

1540 Purge MW22R

1610 Collect samples MW22R, MW22FD

1630 Clean equipment

1650 Off site to FedEx in Toledo

Prepared by: Gregory S. Kendall

Signature: Gregory S. Kendall

Date: 5/11/99

CWM Vickery – RFI
Daily Field Report No. AOCI-5
Date: Wednesday May 12, 1999

Earth Tech Project Number 33976

Personnel: Greg Kendall

Contractors:

Weather: Sunny, 65

Activities:

0800 Arrive on site. Calibrate PhotoVac and MultiRae meters. Set up sample jars, sampling equipment.

830 Begin excavation of Test Pit 5. Located along transect D280 (see field notes for a sketch). Evidence of contamination (discoloration of soils, slight odor).

845 Collect Sample TP5 from bottom of excavation.

900 Decon sampling equipment and backhoe bucket.

925 Begin excavation of Test Pit 6. Located along transect D280 (see field notes for a sketch). Evidence of contamination (discoloration of soils, slight odor), and piping (3" fiberglass pipe).

940 Collect Sample TP6 from bottom of excavation.

950 Decon sampling equipment and backhoe bucket.

1010 Begin excavation of Test Pit 7. Located 10 ft due north of NE corner of warehouse (see field notes for a sketch). Evidence of contamination (discoloration of soils).

1020 Collect Sample TP7 from bottom of excavation.

1030 Decon sampling equipment and backhoe bucket.

1120 Hand auger TP8. This location has previous piping directly beneath the current above ground piping. The underground piping system is exposed in a trench beneath the active pipeline. I auger and sample at this point.

1130 Collect sample TP8.

1330 Set up sampling equipment for West Capillary Drain

1400 Stake test pit locations

1430 collect sample L25

1500 Collect Field Blank at location L19A

1530 Collect Capillary Drain and Capillary Drain FD

1545 Begin purging MW24R

1620 Collect Sample MW24R

1625 Collect Sample MW24RMS and MW24RMSD

1700 Pack up samples and equipment for shipment

1800 Off site to FedEx in Toledo

Prepared by: Gregory S. Kendall
Signature: Gregory S. Kendall
Date: 5/12/99

CWM Vickery – RFI
Daily Field Report No. AOCI-6
Date: Thursday May 13, 1999

Earth Tech Project Number 33976

Personnel: Greg Kendall

Contractors:

Weather: Sunny, 65

Activities:

730 Arrive on site. Pack samples and equipment for shipment.

900 Off site to FedEx at Cleveland Airport

Prepared by: Gregory S. Kendall

Signature: Gregory S. Kendall

Date: 5/13/99

APPENDIX D

Summary of Background Exceedances

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Val Flag	Lab Sample ID	Original Result	Average Background	Bkg Unit	Region 9 PRG Standard	PRG Unit
ACA:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**8.7**	**mg/kg**	0.52	N	J	9904008-05D	8.7	9.74	mg/kg	2.99	mg/kg
ACA:SL:SF01-01	SL	0.	2.	7440-39-3	Barium	INORG	153.	mg/kg	0.09			9904008-05D	153	103.05	mg/kg	100,000.	mg/kg
ACA:SL:SF01-01	SL	0.	2.	7440-41-7	Beryllium	INORG	1.1	mg/kg	0.04			9904008-05D	1.1	1	mg/kg	3,400.	mg/kg
ACA:SL:SF01-01	SL	0.	2.	7440-47-3	Chromium	INORG	29.8	mg/kg	0.11			9904008-05D	29.8	28.34	mg/kg	64.05	mg/kg
ACA:SL:SF01-01	SL	0.	2.	7440-48-4	Cobalt	INORG	12.1	mg/kg	0.15			9904008-05D	12.1	10.22	mg/kg	28,620.2	mg/kg
ACA:SL:SF01-01	SL	0.	2.	7440-50-8	Copper	INORG	28.6	mg/kg	0.11			9904008-05D	28.6	25.19	mg/kg	69,569.94	mg/kg
ACA:SL:SF01-01	SL	0.	2.	7440-02-0	Nickel	INORG	36.4	mg/kg	0.24			9904008-05D	36.4	29.55	mg/kg	37,461.94	mg/kg
ACA:SL:SF01-01	SL	0	2.	7440-31-5	Tin	INORG	2.1	mg/kg	0.87	B		9904008-05D	2.1	1.18	mg/kg	100,000.	mg/kg
ACA:SL:SF01-01	SL	0	2.	7440-62-2	Vanadium	INORG	44.9	mg/kg	0.2			9904008-05D	44.9	42.48	mg/kg	13,112.	mg/kg
ACA:SL:SF02-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**8.2**	**mg/kg**	0.53			9904012-09D	8.2	9.74	mg/kg	2.99	mg/kg
ACA:SL:SF02-01	SL	0.	2.	7440-39-3	Barium	INORG	188.	mg/kg	0.09			9904012-09D	188	103.05	mg/kg	100,000.	mg/kg
ACA:SL:SF02-01	SL	0.	2.	7440-41-7	Beryllium	INORG	1.6	mg/kg	0.04			9904012-09D	1.6	1	mg/kg	3,400	mg/kg
ACA:SL:SF02-01	SL	0.	2.	7440-43-9	Cadmium	INORG	1.4	mg/kg	0.07			9904012-09D	1.4	0.94	mg/kg	934.3	mg/kg
ACA:SL:SF02-01	SL	0.	2.	7440-47-3	Chromium	INORG	31.2	mg/kg	0.11			9904012-09D	31.2	28.34	mg/kg	64.05	mg/kg
ACA:SL:SF02-01	SL	0.	2.	7440-48-4	Cobalt	INORG	19.3	mg/kg	0.15	*	J	9904012-09D	19.3	10.22	mg/kg	28,620.2	mg/kg
ACA:SL:SF02-01	SL	0.	2.	7440-50-8	Copper	INORG	29.3	mg/kg	0.11			9904012-09D	29.3	25.19	mg/kg	69,569.94	mg/kg
ACA:SL:SF02-01	SL	0.	2.	7440-02-0	Nickel	INORG	57.	mg/kg	0.24		J	9904012-09D	57.0	29.55	mg/kg	37,461.94	mg/kg
ACA:SL:SF02-01	SL	0.	2.	7440-31-5	Tin	INORG	3.	mg/kg	0.88			9904012-09D	3.0	1.18	mg/kg	100,000	mg/kg
ACA:SL:SF02-01	SL	0.	2.	7440-66-6	Zinc	INORG	97.6	mg/kg	1.			9904012-09D	97.6	78.05	mg/kg	100,000.	mg/kg
ACA:SL:SF03-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**9.3**	**mg/kg**	0.53	N	J	9904008-04D	9.3	9.74	mg/kg	2.99	mg/kg
ACA:SL:SF03-01	SL	0.	2.	7440-39-3	Barium	INORG	178.	mg/kg	0.09			9904008-04D	178	103.05	mg/kg	100,000.	mg/kg
ACA:SL:SF03-01	SL	0.	2.	7440-41-7	Beryllium	INORG	1.4	mg/kg	0.04			9904008-04D	1.4	1	mg/kg	3,400.	mg/kg
ACA:SL:SF03-01	SL	0.	2.	7440-47-3	Chromium	INORG	38.	mg/kg	0.11			9904008-04D	38.0	28.34	mg/kg	64.05	mg/kg
ACA:SL:SF03-01	SL	0.	2.	7440-48-4	Cobalt	INORG	10.9	mg/kg	0.15			9904008-04D	10.9	10.22	mg/kg	28,620.2	mg/kg
ACA:SL:SF03-01	SL	0.	2.	7440-50-8	Copper	INORG	30.3	mg/kg	0.11			9904008-04D	30.3	25.19	mg/kg	69,569.94	mg/kg
ACA:SL:SF03-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.04	mg/kg	0.02			9904008-04D	0.04	0.032	mg/kg	510.	mg/kg
ACA:SL:SF03-01	SL	0.	2.	7440-02-0	Nickel	INORG	37.3	mg/kg	0.24			9904008-04D	37.3	29.55	mg/kg	37,461.94	mg/kg
ACA:SL:SF03-01	SL	0.	2.	7440-31-5	Tin	INORG	2.7	mg/kg	0.88			9904008-04D	2.7	1.18	mg/kg	100,000.	mg/kg
ACA:SL:SF03-01	SL	0.	2.	7440-62-2	Vanadium	INORG	55.2	mg/kg	0.2			9904008-04D	55.2	42.48	mg/kg	13,112.	mg/kg
ACA:SL:SF03-01	SL	0.	2.	7440-66-6	Zinc	INORG	89.4	mg/kg	1.			9904008-04D	89.4	78.05	mg/kg	100,000.	mg/kg
ACA:SL:SF04-01	SL	0.	2.	7440-39-3	Barium	INORG	116.	mg/kg	0.1			9904008-03D	116	103.05	mg/kg	100,000.	mg/kg
ACA:SL:SF04-01	SL	0.	2.	7440-41-7	Beryllium	INORG	1.2	mg/kg	0.05			9904008-03D	1.2	1	mg/kg	3,400.	mg/kg
ACA:SL:SF04-01	SL	0.	2.	7440-48-4	Cobalt	INORG	12.2	mg/kg	0.17			9904008-03D	12.2	10.22	mg/kg	28,620.2	mg/kg
ACA:SL:SF04-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.07	mg/kg	0.02			9904008-03D	0.07	0.032	mg/kg	510.	mg/kg
ACA:SL:SF04-01	SL	0.	2.	7782-49-2	Selenium	INORG	1.3	mg/kg	0.67	N	J	9904008-03D	1.3	0.97	mg/kg	9,365.75	mg/kg
ACA:SL:SF04-01	SL	0.	2.	7440-31-5	Tin	INORG	2.5	mg/kg	0.96			9904008-03D	2.5	1.18	mg/kg	100,000.	mg/kg
ACA:SL:SF04-01	SL	0.	2.	7440-66-6	Zinc	INORG	90.9	mg/kg	1.1			9904008-03D	90.9	78.05	mg/kg	100,000.	mg/kg
ACA:SL:SF05-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**12.**	**mg/kg**	0.5	N	J	9904008-02D	12.0	9.74	mg/kg	2.99	mg/kg
ACA:SL:SF05-01	SL	0.	2.	7440-41-7	Beryllium	INORG	1.2	mg/kg	0.04			9904008-02D	1.2	1	mg/kg	3,400	mg/kg
ACA:SL:SF05-01	SL	0.	2.	7440-43-9	Cadmium	INORG	1.2	mg/kg	0.06			9904008-02D	1.2	0.94	mg/kg	934.3	mg/kg
ACA:SL:SF05-01	SL	0.	2.	7440-48-4	Cobalt	INORG	26.5	mg/kg	0.15			9904008-02D	26.5	10.22	mg/kg	28,620.2	mg/kg
ACA:SL:SF05-01	SL	0	2.	7440-02-0	Nickel	INORG	37.6	mg/kg	0.23			9904008-02D	37.6	29.55	mg/kg	37,461.94	mg/kg
ACA:SL:SF05-01	SL	0.	2.	7782-49-2	Selenium	INORG	1.2	mg/kg	0.59	N	J	9904008-02D	1.2	0.97	mg/kg	9,365.75	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Waste Group	Result	Unit	Reporting Limit	Lab Flag	Qc Flag	Lab Sample ID	Original Result	Average Background	Bkg Unit	Regional PRG Standard	PRG Unit
ACA:SL:SF05-01	SL	0.	2.	7440-31-5	Tin	INORG	2.	mg/kg	0.84	B		9904008-02D	2.0	1.18	mg/kg	100,000.	mg/kg
ACA:SL:SF05-01	SL	0.	2.	7440-66-6	Zinc	INORG	81.1	mg/kg	0.98			9904008-02D	81.1	78.05	mg/kg	100,000.	mg/kg
ACA:SL:SF06-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**11.3**	**mg/kg**	0.49	N	J	9904008-12D	11.3	9.74	mg/kg	2.99	mg/kg
ACA:SL:SF06-01	SL	0.	2.	7440-39-3	Barium	INORG	208.	mg/kg	0.08			9904008-12D	208	103.05	mg/kg	100,000.	mg/kg
ACA:SL:SF06-01	SL	0.	2.	7440-41-7	Beryllium	INORG	1.3	mg/kg	0.04			9904008-12D	1.3	1	mg/kg	3,400.	mg/kg
ACA:SL:SF06-01	SL	0.	2.	7440-43-9	Cadmium	INORG	1.	mg/kg	0.06			9904008-12D	1.0	0.94	mg/kg	934.3	mg/kg
ACA:SL:SF06-01	SL	0.	2.	7440-47-3	Chromium	INORG	33.5	mg/kg	0.1			9904008-12D	33.5	28.34	mg/kg	64.05	mg/kg
ACA:SL:SF06-01	SL	0.	2.	7440-48-4	Cobalt	INORG	16.5	mg/kg	0.14			9904008-12D	16.5	10.22	mg/kg	28,620.2	mg/kg
ACA:SL:SF06-01	SL	0.	2.	7440-50-8	Copper	INORG	31.2	mg/kg	0.1			9904008-12D	31.2	25.19	mg/kg	69,569.94	mg/kg
ACA:SL:SF06-01	SL	0.	2.	7440-02-0	Nickel	INORG	49.5	mg/kg	0.22			9904008-12D	49.5	29.55	mg/kg	37,461.94	mg/kg
ACA:SL:SF06-01	SL	0.	2.	7440-22-4	Silver	INORG	0.32	mg/kg	0.14	B		9904008-12D	0.32	0.2	mg/kg	9,365.75	mg/kg
ACA:SL:SF06-01	SL	0.	2.	7440-31-5	Tin	INORG	2.1	mg/kg	0.81			9904008-12D	2.1	1.18	mg/kg	100,000.	mg/kg
ACA:SL:SF06-01	SL	0.	2.	7440-62-2	Vanadium	INORG	48.7	mg/kg	0.18			9904008-12D	48.7	42.48	mg/kg	13,112.	mg/kg
ACA:SL:SF06-01	SL	0.	2.	7440-66-6	Zinc	INORG	81.8	mg/kg	0.96			9904008-12D	81.8	78.05	mg/kg	100,000.	mg/kg
ACA:SL:SF07-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**9.8**	**mg/kg**	0.43	N	J	9904008-11D	9.8	9.74	mg/kg	2.99	mg/kg
ACA:SL:SF07-01	SL	0.	2.	7440-39-3	Barium	INORG	125.	mg/kg	0.07			9904008-11D	125	103.05	mg/kg	100,000.	mg/kg
ACA:SL:SF07-01	SL	0.	2.	7440-31-5	Tin	INORG	1.4	mg/kg	0.72	B		9904008-11D	1.4	1.18	mg/kg	100,000.	mg/kg
ACA:SL:SF08-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**15.5**	**mg/kg**	0.47			9904012-14D	15.5	9.74	mg/kg	2.99	mg/kg
ACA:SL:SF08-01	SL	0.	2.	7440-31-5	Tin	INORG	2.5	mg/kg	0.79			9904012-14D	2.5	1.18	mg/kg	100,000.	mg/kg
ACA:SL:SF09-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**8.8**	**mg/kg**	0.52			9904012-15D	8.8	9.74	mg/kg	2.99	mg/kg
ACA:SL:SF09-01	SL	0.	2.	7440-39-3	Barium	INORG	118.	mg/kg	0.09			9904012-15D	118	103.05	mg/kg	100,000.	mg/kg
ACA:SL:SF09-01	SL	0.	2.	7440-41-7	Beryllium	INORG	1.	mg/kg	0.04			9904012-15D	1.0	1	mg/kg	3,400.	mg/kg
ACA:SL:SF09-01	SL	0.	2.	7440-43-9	Cadmium	INORG	1.2	mg/kg	0.07			9904012-15D	1.2	0.94	mg/kg	934.3	mg/kg
ACA:SL:SF09-01	SL	0.	2.	7440-48-4	Cobalt	INORG	16.3	mg/kg	0.15	*	J	9904012-15D	16.3	10.22	mg/kg	28,620.2	mg/kg
ACA:SL:SF09-01	SL	0.	2.	7440-50-8	Copper	INORG	25.9	mg/kg	0.11			9904012-15D	25.9	25.19	mg/kg	69,569.94	mg/kg
ACA:SL:SF09-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.05	mg/kg	0.02			9904012-15D	0.05	0.032	mg/kg	510.	mg/kg
ACA:SL:SF09-01	SL	0.	2.	7440-02-0	Nickel	INORG	30.6	mg/kg	0.24			9904012-15D	30.6	29.55	mg/kg	37,461.94	mg/kg
ACA:SL:SF09-01	SL	0.	2.	7440-31-5	Tin	INORG	2.4	mg/kg	0.87			9904012-15D	2.4	1.18	mg/kg	100,000.	mg/kg
ACA:SL:SF09-01	SL	0.	2.	7440-66-6	Zinc	INORG	106.	mg/kg	1.			9904012-15D	106	78.05	mg/kg	100,000.	mg/kg
ACA:SL:SF10-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**6.**	**mg/kg**	0.52			9904012-18D	6.0	9.74	mg/kg	2.99	mg/kg
ACA:SL:SF10-01	SL	0.	2.	7440-39-3	Barium	INORG	161.	mg/kg	0.09			9904012-18D	161	103.05	mg/kg	100,000.	mg/kg
ACA:SL:SF10-01	SL	0.	2.	7440-41-7	Beryllium	INORG	1.	mg/kg	0.04			9904012-18D	1.0	1	mg/kg	3,400.	mg/kg
ACA:SL:SF10-01	SL	0.	2.	7440-43-9	Cadmium	INORG	0.98	mg/kg	0.06	B		9904012-18D	0.98	0.94	mg/kg	934.3	mg/kg
ACA:SL:SF10-01	SL	0.	2.	7440-47-3	Chromium	INORG	30.8	mg/kg	0.11			9904012-18D	30.8	28.34	mg/kg	64.05	mg/kg
ACA:SL:SF10-01	SL	0.	2.	7440-50-8	Copper	INORG	27.1	mg/kg	0.11			9904012-18D	27.1	25.19	mg/kg	69,569.94	mg/kg
ACA:SL:SF10-01	SL	0.	2.	7440-02-0	Nickel	INORG	29.8	mg/kg	0.24			9904012-18D	29.8	29.55	mg/kg	37,461.94	mg/kg
ACA:SL:SF10-01	SL	0.	2.	7440-31-5	Tin	INORG	2.5	mg/kg	0.86			9904012-18D	2.5	1.18	mg/kg	100,000.	mg/kg
ACA:SL:SF10-01	SL	0.	2.	7440-66-6	Zinc	INORG	81.1	mg/kg	1.			9904012-18D	81.1	78.05	mg/kg	100,000.	mg/kg
ACA:SL:SF11-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**12.8**	**mg/kg**	0.47			9904012-17D	12.8	9.74	mg/kg	2.99	mg/kg
ACA:SL:SF11-01	SL	0.	2.	7440-43-9	Cadmium	INORG	1.5	mg/kg	0.06			9904012-17D	1.5	0.94	mg/kg	934.3	mg/kg
ACA:SL:SF11-01	SL	0.	2.	7440-48-4	Cobalt	INORG	11.7	mg/kg	0.14	*	J	9904012-17D	11.7	10.22	mg/kg	28,620.2	mg/kg
ACA:SL:SF11-01	SL	0.	2.	7782-49-2	Selenium	INORG	1.1	mg/kg	0.55			9904012-17D	1.1	0.97	mg/kg	9,365.75	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Qual Flag	Lab Sample ID	Original Result	Average Background	Bkg Unit	Region 9 PRG Standard	PRG Unit
ACA:SL:SF11-01	SL	0.	2.	7440-22-4	Silver	INORG	0.33	mg/kg	0.14	B		9904012-17D	0.33	0.2	mg/kg	9,365.75	mg/kg
ACA:SL:SF11-01	SL	0.	2.	7440-31-5	Tin	INORG	2.2	mg/kg	0.78			9904012-17D	2.2	1.18	mg/kg	100,000.	mg/kg
ACA:SL:SF12-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**10.5**	**mg/kg**	0.52	*N	J	9904011-06D	10.5	9.74	mg/kg	2.99	mg/kg
ACA:SL:SF12-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.06	mg/kg	0.02			9904011-06D	0.06	0.032	mg/kg	510.	mg/kg
ACA:SL:SF12-01	SL	0.	2.	7440-31-5	Tin	INORG	2.2	mg/kg	0.86			9904011-06D	2.2	1.18	mg/kg	100,000.	mg/kg
ACA:SL:SF13-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**9.7**	**mg/kg**	0.51	*N	J	9904011-13D	9.7	9.74	mg/kg	2.99	mg/kg
ACA:SL:SF13-01	SL	0.	2.	7440-43-9	Cadmium	INORG	0.97	mg/kg	0.06	B		9904011-13D	0.97	0.94	mg/kg	934.3	mg/kg
ACA:SL:SF13-01	SL	0.	2.	7440-48-4	Cobalt	INORG	11.4	mg/kg	0.15	*	J	9904011-13D	11.4	10.22	mg/kg	28,620.2	mg/kg
ACA:SL:SF13-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.04	mg/kg	0.02			9904011-13D	0.04	0.032	mg/kg	510.	mg/kg
ACA:SL:SF13-01	SL	0.	2.	7440-31-5	Tin	INORG	2.1	mg/kg	0.85	B		9904011-13D	2.1	1.18	mg/kg	100,000.	mg/kg
ACA:SL:SF13-01	SL	0.	2.	7440-66-6	Zinc	INORG	86.1	mg/kg	1.	*	J	9904011-13D	86.1	78.05	mg/kg	100,000.	mg/kg
ACA:SL:SF14-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**8.7**	**mg/kg**	0.55			9904019-01D	8.7	9.74	mg/kg	2.99	mg/kg
ACA:SL:SF14-01	SL	0.	2.	7440-39-3	Barium	INORG	105.	mg/kg	0.09	*	J	9904019-01D	105	103.05	mg/kg	100,000.	mg/kg
ACA:SL:SF14-01	SL	0.	2.	7440-48-4	Cobalt	INORG	10.5	mg/kg	0.16	*	J	9904019-01D	10.5	10.22	mg/kg	28,620.2	mg/kg
ACA:SL:SF14-01	SL	0.	2.	7440-02-0	Nickel	INORG	29.8	mg/kg	0.25			9904019-01D	29.8	29.55	mg/kg	37,461.94	mg/kg
ACA:SL:SF15-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**3.5**	**mg/kg**	0.44	*N	J	9904018-14D	3.5	9.74	mg/kg	2.99	mg/kg
ACA:SL:SF16-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**6.7**	**mg/kg**	0.58			9904019-03D	6.7	9.74	mg/kg	2.99	mg/kg
ACA:SL:SF16-01	SL	0.	2.	7440-66-6	Zinc	INORG	124.	mg/kg	1.1			9904019-03D	124	78.05	mg/kg	100,000.	mg/kg
ACA:SL:SF17-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**6.8**	**mg/kg**	0.43	*N	J	9904018-16D	6.8	9.74	mg/kg	2.99	mg/kg
ACA:SL:SF17-01	SL	0.	2.	7440-39-3	Barium	INORG	108	mg/kg	0.07	*N	J	9904018-16D	108	103.05	mg/kg	100,000.	mg/kg
ACA:SL:SF18-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**5.6**	**mg/kg**	0.51			9904019-06D	5.6	9.74	mg/kg	2.99	mg/kg
ACA:SL:SF18-01	SL	0.	2.	7439-92-1	Lead	INORG	27.1	mg/kg	0.23			9904019-06D	27.1	14.14	mg/kg	1,000.	mg/kg
ACA:SL:SF18-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.07	mg/kg	0.02			9904019-06D	0.07	0.032	mg/kg	510.	mg/kg
ACA:SL:SF18-01	SL	0.	2.	7440-66-6	Zinc	INORG	91.6	mg/kg	1.			9904019-06D	91.6	78.05	mg/kg	100,000.	mg/kg
ACB:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**9.5**	**mg/kg**	0.38	*N	J	9904011-02D	9.5	9.74	mg/kg	2.99	mg/kg
ACB:SL:SF01-01	SL	0.	2.	7440-39-3	Barium	INORG	544.	mg/kg	0.06	*	J	9904011-02D	544	103.05	mg/kg	100,000.	mg/kg
ACB:SL:SF01-01	SL	0.	2.	7440-43-9	Cadmium	INORG	2.4	mg/kg	0.05		J	9904011-02D	2.4	0.94	mg/kg	934.3	mg/kg
ACB:SL:SF01-01	SL	0.	2.	7440-47-3	Chromium	INORG	**64.5**	**mg/kg**	0.08	*	J	9904011-02D	64.5	28.34	mg/kg	64.05	mg/kg
ACB:SL:SF01-01	SL	0.	2.	7440-48-4	Cobalt	INORG	15.7	mg/kg	0.11	*	J	9904011-02D	15.7	10.22	mg/kg	28,620.2	mg/kg
ACB:SL:SF01-01	SL	0.	2.	7440-50-8	Copper	INORG	116.	mg/kg	0.08	*N	J	9904011-02D	116	25.19	mg/kg	69,569.94	mg/kg
ACB:SL:SF01-01	SL	0.	2.	7439-92-1	Lead	INORG	159.	mg/kg	0.17	*N	J	9904011-02D	159	14.14	mg/kg	1,000.	mg/kg
ACB:SL:SF01-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.1	mg/kg	0.02		J	9904011-02D	0.10	0.032	mg/kg	510.	mg/kg
ACB:SL:SF01-01	SL	0.	2.	7440-02-0	Nickel	INORG	37.	mg/kg	0.17	*	J	9904011-02D	37.0	29.55	mg/kg	37,461.94	mg/kg
ACB:SL:SF01-01	SL	0.	2.	7440-22-4	Silver	INORG	0.45	mg/kg	0.11	B	J	9904011-02D	0.45	0.2	mg/kg	9,365.75	mg/kg
ACB:SL:SF01-01	SL	0.	2.	7440-31-5	Tin	INORG	5.2	mg/kg	0.63		J	9904011-02D	5.2	1.18	mg/kg	100,000.	mg/kg
ACB:SL:SF01-01	SL	0.	2.	7440-66-6	Zinc	INORG	1,380.	mg/kg	0.74	*	J	9904011-02D	1380	78.05	mg/kg	100,000.	mg/kg
ACB:SL:SF02-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**8.2**	**mg/kg**	0.48	*N	J	9904011-14D	8.2	9.74	mg/kg	2.99	mg/kg
ACB:SL:SF02-01	SL	0.	2.	7440-39-3	Barium	INORG	141.	mg/kg	0.08	*	J	9904011-14D	141	103.05	mg/kg	100,000.	mg/kg
ACB:SL:SF02-01	SL	0.	2.	7440-50-8	Copper	INORG	26.9	mg/kg	0.1	*N	J	9904011-14D	26.9	25.19	mg/kg	69,569.94	mg/kg
ACB:SL:SF02-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.04	mg/kg	0.02	B		9904011-14D	0.04	0.032	mg/kg	510.	mg/kg
ACB:SL:SF02-01	SL	0.	2.	7440-22-4	Silver	INORG	0.25	mg/kg	0.14	B		9904011-14D	0.25	0.2	mg/kg	9,365.75	mg/kg
ACB:SL:SF02-01	SL	0.	2.	7440-31-5	Tin	INORG	2.2	mg/kg	0.8			9904011-14D	2.2	1.18	mg/kg	100,000.	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Qual	Qual Flag	Lab Sample ID	Original Result	Average Background	Bkg Unit	Region 9 PRG Standard	PRG Unit
ACB:SL:SF02-01	SL	0.	2.	7440-66-6	Zinc	INORG	91.5	mg/kg	0.94	*	J	9904011-14D	91.5	78.05	mg/kg	100,000.	mg/kg
ACC:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**8.6**	**mg/kg**	0.51	N	J	9904008-10D	8.6	9.74	mg/kg	2.99	mg/kg
ACC:SL:SF01-01	SL	0.	2.	7440-39-3	Barium	INORG	109.	mg/kg	0.08			9904008-10D	109	103.05	mg/kg	100,000.	mg/kg
ACC:SL:SF01-01	SL	0.	2.	7440-48-4	Cobalt	INORG	11.6	mg/kg	0.15			9904008-10D	11.6	10.22	mg/kg	28,620.2	mg/kg
ACC:SL:SF01-01	SL	0.	2.	7440-50-8	Copper	INORG	32.1	mg/kg	0.11			9904008-10D	32.1	25.19	mg/kg	69,569.94	mg/kg
ACC:SL:SF01-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.06	mg/kg	0.02			9904008-10D	0.06	0.032	mg/kg	510.	mg/kg
ACC:SL:SF01-01	SL	0.	2.	7440-31-5	Tin	INORG	2.	mg/kg	0.84	B		9904008-10D	2.0	1.18	mg/kg	100,000.	mg/kg
ACC:SL:SF01-01	SL	0.	2.	7440-66-6	Zinc	INORG	87.9	mg/kg	0.99			9904008-10D	87.9	78.05	mg/kg	100,000.	mg/kg
ACF:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**10.**	**mg/kg**	0.48			9904019-05D	10.0	9.74	mg/kg	2.99	mg/kg
ACF:SL:SF01-01	SL	0.	2.	7440-48-4	Cobalt	INORG	10.3	mg/kg	0.14	*	J	9904019-05D	10.3	10.22	mg/kg	28,620.2	mg/kg
ACF:SL:SF02-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**10.4**	**mg/kg**	0.43	*N	J	9904018-17D	10.4	9.74	mg/kg	2.99	mg/kg
ACF:SL:SF02-01	SL	0.	2.	7440-39-3	Barium	INORG	196.	mg/kg	0.07	*N	J	9904018-17D	196	103.05	mg/kg	100,000.	mg/kg
ACF:SL:SF02-01	SL	0.	2.	7440-41-7	Beryllium	INORG	1.1	mg/kg	0.04			9904018-17D	1.1	1	mg/kg	3,400.	mg/kg
ACF:SL:SF02-01	SL	0.	2.	7440-43-9	Cadmium	INORG	1.9	mg/kg	0.05			9904018-17D	1.9	0.94	mg/kg	934.3	mg/kg
ACF:SL:SF02-01	SL	0.	2.	7440-48-4	Cobalt	INORG	28.6	mg/kg	0.13	*	J	9904018-17D	28.6	10.22	mg/kg	28,620.2	mg/kg
ACF:SL:SF02-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.04	mg/kg	0.02	B		9904018-17D	0.04	0.032	mg/kg	510.	mg/kg
ACF:SL:SF02-01	SL	0.	2.	7440-02-0	Nickel	INORG	45.7	mg/kg	0.2	*	J	9904018-17D	45.7	29.55	mg/kg	37,461.94	mg/kg
ACF:SL:SF02-01	SL	0.	2.	7782-49-2	Selenium	INORG	1.	mg/kg	0.5	N	J	9904018-17D	1.0	0.97	mg/kg	9,365.75	mg/kg
ACF:SL:SF02-01	SL	0.	2.	7440-22-4	Silver	INORG	0.34	mg/kg	0.13	B		9904018-17D	0.34	0.2	mg/kg	9,365.75	mg/kg
ACF:SL:SF02-01	SL	0.	2.	7440-62-2	Vanadium	INORG	43.1	mg/kg	0.16			9904018-17D	43.1	42.48	mg/kg	13,112.	mg/kg
ACF:SL:SF02-01	SL	0.	2.	7440-66-6	Zinc	INORG	90.1	mg/kg	0.84			9904018-17D	90.1	78.05	mg/kg	100,000.	mg/kg
ACH:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**9.**	**mg/kg**	0.49	*N	J	9904011-15D	9.0	9.74	mg/kg	2.99	mg/kg
ACH:SL:SF01-01	SL	0.	2.	7440-39-3	Barium	INORG	108.	mg/kg	0.08	*	J	9904011-15D	108	103.05	mg/kg	100,000.	mg/kg
ACH:SL:SF01-01	SL	0.	2.	7440-48-4	Cobalt	INORG	11.4	mg/kg	0.14	*	J	9904011-15D	11.4	10.22	mg/kg	28,620.2	mg/kg
ACH:SL:SF01-01	SL	0.	2.	7440-50-8	Copper	INORG	25.8	mg/kg	0.1	*N	J	9904011-15D	25.8	25.19	mg/kg	69,569.94	mg/kg
ACH:SL:SF01-01	SL	0.	2.	7440-02-0	Nickel	INORG	31.7	mg/kg	0.23	*	J	9904011-15D	31.7	29.55	mg/kg	37,461.94	mg/kg
ACH:SL:SF01-01	SL	0.	2.	7440-22-4	Silver	INORG	0.2	mg/kg	0.14	B		9904011-15D	0.20	0.2	mg/kg	9,365.75	mg/kg
ACH:SL:SF01-01	SL	0.	2.	7440-31-5	Tin	INORG	2.2	mg/kg	0.82			9904011-15D	2.2	1.18	mg/kg	100,000.	mg/kg
ACH:SL:SF02-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**3.9**	**mg/kg**	0.42	*N	J	9904011-17D	3.9	9.74	mg/kg	2.99	mg/kg
ACH:SL:SF02-01	SL	0.	2.	7440-31-5	Tin	INORG	1.8	mg/kg	0.7			9904011-17D	1.8	1.18	mg/kg	100,000.	mg/kg
ACH:SL:SF03-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**8.5**	**mg/kg**	0.52	*N	J	9904011-20D	8.5	9.74	mg/kg	2.99	mg/kg
ACH:SL:SF03-01	SL	0.	2.	7440-39-3	Barium	INORG	113.	mg/kg	0.09	*	J	9904011-20D	113	103.05	mg/kg	100,000.	mg/kg
ACH:SL:SF03-01	SL	0.	2.	7440-48-4	Cobalt	INORG	11.	mg/kg	0.15	*	J	9904011-20D	11.0	10.22	mg/kg	28,620.2	mg/kg
ACH:SL:SF03-01	SL	0.	2.	7440-02-0	Nickel	INORG	30.7	mg/kg	0.24	*	J	9904011-20D	30.7	29.55	mg/kg	37,461.94	mg/kg
ACH:SL:SF03-01	SL	0.	2.	7440-31-5	Tin	INORG	2.3	mg/kg	0.87			9904011-20D	2.3	1.18	mg/kg	100,000.	mg/kg
ACH:SL:SF04-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**10.3**	**mg/kg**	0.46			9904012-01D	10.3	9.74	mg/kg	2.99	mg/kg
ACH:SL:SF04-01	SL	0.	2.	7440-43-9	Cadmium	INORG	1.1	mg/kg	0.06			9904012-01D	1.1	0.94	mg/kg	934.3	mg/kg
ACH:SL:SF04-01	SL	0.	2.	7440-48-4	Cobalt	INORG	13.1	mg/kg	0.13	*	J	9904012-01D	13.1	10.22	mg/kg	28,620.2	mg/kg
ACH:SL:SF04-01	SL	0.	2.	7440-50-8	Copper	INORG	27.2	mg/kg	0.09			9904012-01D	27.2	25.19	mg/kg	69,569.94	mg/kg
ACH:SL:SF04-01	SL	0.	2.	7440-02-0	Nickel	INORG	39.2	mg/kg	0.21			9904012-01D	39.2	29.55	mg/kg	37,461.94	mg/kg
ACH:SL:SF04-01	SL	0.	2.	7440-31-5	Tin	INORG	2.2	mg/kg	0.76			9904012-01D	2.2	1.18	mg/kg	100,000.	mg/kg
ACH:SL:SF05-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**10.7**	**mg/kg**	0.53	*N	J	9904018-20D	10.7	9.74	mg/kg	2.99	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Type	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Qualifier	Lab Sample ID	Original Result	Average Background	Unit	Region 9 PRG Standard	PRG Unit
ACH:SL:SF05-01	SL	0.	2.	7440-39-3	Barium	INORG	128.	mg/kg	0.09	*N	J	9904018-20D	128	103.05	mg/kg	100,000.	mg/kg
ACH:SL:SF05-01	SL	0.	2.	7440-43-9	Cadmium	INORG	1.1	mg/kg	0.07	B		9904018-20D	1.1	0.94	mg/kg	934.3	mg/kg
ACH:SL:SF05-01	SL	0.	2.	7440-47-3	Chromium	INORG	30.9	mg/kg	0.11			9904018-20D	30.9	28.34	mg/kg	64.05	mg/kg
ACH:SL:SF05-01	SL	0.	2.	7440-50-8	Copper	INORG	50.5	mg/kg	0.11	*	J	9904018-20D	50.5	25.19	mg/kg	69,569.94	mg/kg
ACH:SL:SF05-01	SL	0.	2.	7439-92-1	Lead	INORG	26.3	mg/kg	0.24	*EN	J	9904018-20D	26.3	14.14	mg/kg	1,000.	mg/kg
ACH:SL:SF05-01	SL	0.	2.	7440-22-4	Silver	INORG	0.23	mg/kg	0.16	B		9904018-20D	0.23	0.2	mg/kg	9,365.75	mg/kg
ACH:SL:SF05-01	SL	0.	2.	7440-31-5	Tin	INORG	1.7	mg/kg	0.89	B		9904018-20D	1.7	1.18	mg/kg	100,000.	mg/kg
ACH:SL:SF05-01	SL	0.	2.	7440-62-2	Vanadium	INORG	43.8	mg/kg	0.2			9904018-20D	43.8	42.48	mg/kg	13,112.	mg/kg
ACH:SL:SF05-01	SL	0.	2.	7440-66-6	Zinc	INORG	89.6	mg/kg	1.			9904018-20D	89.6	78.05	mg/kg	100,000.	mg/kg
ACH:SL:SF06-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**8.6**	**mg/kg**	0.54			9904019-04D	8.6	9.74	mg/kg	2.99	mg/kg
ACH:SL:SF06-01	SL	0.	2.	7440-31-5	Tin	INORG	1.2	mg/kg	0.91	B		9904019-04D	1.2	1.18	mg/kg	100,000.	mg/kg
ACH:SL:SF06-01	SL	0.	2.	7440-66-6	Zinc	INORG	95.2	mg/kg	1.1			9904019-04D	95.2	78.05	mg/kg	100,000.	mg/kg
BGS:SL:BG01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**8.3**	**mg/kg**	0.59			9904063-03A	8.3	9.74	mg/kg	2.99	mg/kg
BGS:SL:BG01-01	SL	0.	2.	7440-41-7	Beryllium	INORG	1.	mg/kg	0.05			9904063-03A	1.0	1	mg/kg	3,400.	mg/kg
BGS:SL:BG01-01	SL	0.	2.	7440-43-9	Cadmium	INORG	1.	mg/kg	0.07	B		9904063-03A	1.0	0.94	mg/kg	934.3	mg/kg
BGS:SL:BG01-01	SL	0.	2.	7439-92-1	Lead	INORG	29.1	mg/kg	0.27			9904063-03A	29.1	14.14	mg/kg	1,000.	mg/kg
BGS:SL:BG01-01	SL	0.	2.	7440-31-5	Tin	INORG	1.6	mg/kg	0.98	B		9904063-03A	1.6	1.18	mg/kg	100,000.	mg/kg
BGS:SL:BG01-01	SL	0.	2.	7440-62-2	Vanadium	INORG	43.6	mg/kg	0.22			9904063-03A	43.6	42.48	mg/kg	13,112.	mg/kg
BGS:SL:BG01-01	SL	0.	2.	7440-66-6	Zinc	INORG	94.3	mg/kg	1.2			9904063-03A	94.3	78.05	mg/kg	100,000.	mg/kg
BGS:SL:BG01-02	SL	8.	10.	7440-38-2	Arsenic	INORG	**27.5**	**mg/kg**	0.58			9904063-04A	27.5	9.74	mg/kg	2.99	mg/kg
BGS:SL:BG01-02	SL	8.	10.	7440-39-3	Barium	INORG	108.	mg/kg	0.1	*	J	9904063-04A	108	103.05	mg/kg	100,000.	mg/kg
BGS:SL:BG01-02	SL	8.	10.	7440-41-7	Beryllium	INORG	1.	mg/kg	0.05			9904063-04A	1.0	1	mg/kg	3,400.	mg/kg
BGS:SL:BG01-02	SL	8.	10.	7440-43-9	Cadmium	INORG	1.6	mg/kg	0.07			9904063-04A	1.6	0.94	mg/kg	934.3	mg/kg
BGS:SL:BG01-02	SL	8.	10.	7440-50-8	Copper	INORG	38.1	mg/kg	0.12			9904063-04A	38.1	25.19	mg/kg	69,569.94	mg/kg
BGS:SL:BG01-02	SL	8.	10.	7439-97-6	Mercury	INORG	0.04	mg/kg	0.02		J	9904063-04A	0.04	0.032	mg/kg	510.	mg/kg
BGS:SL:BG01-02	SL	8.	10.	7440-02-0	Nickel	INORG	33.8	mg/kg	0.27			9904063-04A	33.8	29.55	mg/kg	37,461.94	mg/kg
BGS:SL:BG01-02	SL	8.	10.	7440-22-4	Silver	INORG	0.29	mg/kg	0.17	B		9904063-04A	0.29	0.2	mg/kg	9,365.75	mg/kg
BGS:SL:BG01-02	SL	8.	10.	7440-62-2	Vanadium	INORG	49.	mg/kg	0.22			9904063-04A	49.0	42.48	mg/kg	13,112.	mg/kg
BGS:SL:BG01-02	SL	8.	10.	7440-66-6	Zinc	INORG	87.5	mg/kg	1.1			9904063-04A	87.5	78.05	mg/kg	100,000.	mg/kg
BGS:SL:BG03-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**9.7**	**mg/kg**	0.44			9904063-01A	9.7	9.74	mg/kg	2.99	mg/kg
BGS:SL:BG03-01	SL	0.	2.	7440-39-3	Barium	INORG	171.	mg/kg	0.07	*	J	9904063-01A	171	103.05	mg/kg	100,000.	mg/kg
BGS:SL:BG03-01	SL	0.	2.	7440-41-7	Beryllium	INORG	1.3	mg/kg	0.04			9904063-01A	1.3	1	mg/kg	3,400.	mg/kg
BGS:SL:BG03-01	SL	0.	2.	7440-43-9	Cadmium	INORG	1.1	mg/kg	0.05			9904063-01A	1.1	0.94	mg/kg	934.3	mg/kg
BGS:SL:BG03-01	SL	0.	2.	7440-47-3	Chromium	INORG	35.4	mg/kg	0.09			9904063-01A	35.4	28.34	mg/kg	64.05	mg/kg
BGS:SL:BG03-01	SL	0.	2.	7440-48-4	Cobalt	INORG	13.8	mg/kg	0.13			9904063-01A	13.8	10.22	mg/kg	28,620.2	mg/kg
BGS:SL:BG03-01	SL	0.	2.	7440-50-8	Copper	INORG	33.2	mg/kg	0.09			9904063-01A	33.2	25.19	mg/kg	69,569.94	mg/kg
BGS:SL:BG03-01	SL	0.	2.	7440-02-0	Nickel	INORG	41.2	mg/kg	0.2			9904063-01A	41.2	29.55	mg/kg	37,461.94	mg/kg
BGS:SL:BG03-01	SL	0.	2.	7440-62-2	Vanadium	INORG	51.	mg/kg	0.16			9904063-01A	51.0	42.48	mg/kg	13,112.	mg/kg
BGS:SL:BG03-01	SL	0.	2.	7440-66-6	Zinc	INORG	84.	mg/kg	0.85			9904063-01A	84.0	78.05	mg/kg	100,000.	mg/kg
BGS:SL:BG03-02	SL	8.	10.	7440-38-2	Arsenic	INORG	**9.3**	**mg/kg**	0.57			9904063-05A	9.3	9.74	mg/kg	2.99	mg/kg
BGS:SL:BG03-02	SL	8.	10.	7440-39-3	Barium	INORG	104.	mg/kg	0.1	*	J	9904063-05A	104	103.05	mg/kg	100,000	mg/kg
BGS:SL:BG03-02	SL	8.	10.	7440-43-9	Cadmium	INORG	1.1	mg/kg	0.07	B		9904063-05A	1.1	0.94	mg/kg	934.3	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	Chemical Name	CAS Chemical Group	Result	Unit	Reporting Limit	Lab Flag	Data Flag	Lab Sample ID	Original Result	Average Background	Unit	Region 9 PRG Standard	Unit
BGS:SL:BG03-02	SL	8.	10.	7440-48-4	Cobalt	INORG	12.4	mg/kg	0.17			9904063-05A	12.4	10.22	mg/kg	28,620.2	mg/kg
BGS:SL:BG03-02	SL	8.	10.	7440-50-8	Copper	INORG	28.1	mg/kg	0.12			9904063-05A	28.1	25.19	mg/kg	69,569.94	mg/kg
BGS:SL:BG03-02	SL	8.	10.	7439-97-6	Mercury	INORG	0.04	mg/kg	0.02	B	J	9904063-05A	0.04	0.032	mg/kg	510.	mg/kg
BGS:SL:BG03-02	SL	8.	10.	7440-02-0	Nickel	INORG	33.3	mg/kg	0.26			9904063-05A	33.3	29.55	mg/kg	37,461.94	mg/kg
BGS:SL:BG05-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**8.2**	**mg/kg**	0.52			9904065-01A	8.2	9.74	mg/kg	2.99	mg/kg
BGS:SL:BG05-01	SL	0.	2.	7440-39-3	Barium	INORG	140.	mg/kg	0.09			9904065-01A	140	103.05	mg/kg	100,000.	mg/kg
BGS:SL:BG05-01	SL	0.	2.	7440-41-7	Beryllium	INORG	1.4	mg/kg	0.04			9904065-01A	1.4	1	mg/kg	3,400.	mg/kg
BGS:SL:BG05-01	SL	0.	2.	7440-47-3	Chromium	INORG	37.1	mg/kg	0.11			9904065-01A	37.1	28.34	mg/kg	64.05	mg/kg
BGS:SL:BG05-01	SL	0.	2.	7440-48-4	Cobalt	INORG	12.	mg/kg	0.15			9904065-01A	12.0	10.22	mg/kg	28,620.2	mg/kg
BGS:SL:BG05-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.05	mg/kg	0.02			9904065-01A	0.05	0.032	mg/kg	510.	mg/kg
BGS:SL:BG05-01	SL	0.	2.	7440-02-0	Nickel	INORG	34.4	mg/kg	0.24			9904065-01A	34.4	29.55	mg/kg	37,461.94	mg/kg
BGS:SL:BG05-01	SL	0.	2.	7782-49-2	Selenium	INORG	1.3	mg/kg	0.61	N	J	9904065-01A	1.3	0.97	mg/kg	9,365.75	mg/kg
BGS:SL:BG05-01	SL	0.	2.	7440-28-0	Thallium	INORG	1.2	mg/kg	1.1	B		9904065-01A	1.2	1.1	mg/kg	120.	mg/kg
BGS:SL:BG05-01	SL	0.	2.	7440-31-5	Tin	INORG	1.8	mg/kg	0.87	B		9904065-01A	1.8	1.18	mg/kg	100,000.	mg/kg
BGS:SL:BG05-01	SL	0.	2.	7440-62-2	Vanadium	INORG	50.6	mg/kg	0.19			9904065-01A	50.6	42.48	mg/kg	13,112.	mg/kg
BGS:SL:BG05-01	SL	0.	2.	7440-66-6	Zinc	INORG	117.	mg/kg	1.			9904065-01A	117	78.05	mg/kg	100,000.	mg/kg
BGS:SL:BG05-02	SL	8.	10.	7440-38-2	Arsenic	INORG	**6.**	**mg/kg**	0.51			9904065-02A	6.0	9.74	mg/kg	2.99	mg/kg
BGS:SL:BG05-02	SL	8.	10.	7440-31-5	Tin	INORG	1.2	mg/kg	0.85	B		9904065-02A	1.2	1.18	mg/kg	100,000.	mg/kg
BGS:SL:BG06-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**6.6**	**mg/kg**	0.51			9904065-03A	6.6	9.74	mg/kg	2.99	mg/kg
BGS:SL:BG06-01	SL	0.	2.	7440-47-3	Chromium	INORG	31.	mg/kg	0.11			9904065-03A	31.0	28.34	mg/kg	64.05	mg/kg
BGS:SL:BG06-01	SL	0.	2.	7440-62-2	Vanadium	INORG	42.6	mg/kg	0.19			9904065-03A	42.6	42.48	mg/kg	13,112.	mg/kg
BGS:SL:BG06-02	SL	8.	10.	7440-38-2	Arsenic	INORG	**9.**	**mg/kg**	0.56			9904065-04A	9.0	9.74	mg/kg	2.99	mg/kg
BGS:SL:BG06-02	SL	8.	10.	7440-02-0	Nickel	INORG	29.7	mg/kg	0.26			9904065-04A	29.7	29.55	mg/kg	37,461.94	mg/kg
BGS:SL:BG07-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**6.9**	**mg/kg**	0.48			9904065-05A	6.9	9.74	mg/kg	2.99	mg/kg
BGS:SL:BG07-02	SL	8.	10.	7440-38-2	Arsenic	INORG	**7.8**	**mg/kg**	0.46			9904065-06A	7.8	9.74	mg/kg	2.99	mg/kg
BGS:SL:BG07-02	SL	8.	10.	7440-48-4	Cobalt	INORG	15.7	mg/kg	0.13			9904065-06A	15.7	10.22	mg/kg	28,620.2	mg/kg
BGS:SL:BG07-02	SL	8.	10.	7440-50-8	Copper	INORG	26.5	mg/kg	0.1			9904065-06A	26.5	25.19	mg/kg	69,569.94	mg/kg
BGS:SL:BG07-02	SL	8.	10.	7440-02-0	Nickel	INORG	32.1	mg/kg	0.21			9904065-06A	32.1	29.55	mg/kg	37,461.94	mg/kg
S01:SL:GNA5-01	SL	19.	21.	7440-38-2	Arsenic	INORG	**7.**	**mg/kg**	0.58			9904238-02D	7.0	9.74	mg/kg	2.99	mg/kg
S01:SL:GNA5-01	SL	19.	21.	7440-48-4	Cobalt	INORG	13.	mg/kg	0.17			9904238-02D	13.0	10.22	mg/kg	28,620.2	mg/kg
S01:SL:GNA5-01	SL	19.	21.	7440-50-8	Copper	INORG	26.7	mg/kg	0.12			9904238-02D	26.7	25.19	mg/kg	69,569.94	mg/kg
S01:SL:GNA5-01	SL	19.	21.	7440-02-0	Nickel	INORG	37.8	mg/kg	0.26			9904238-02D	37.8	29.55	mg/kg	37,461.94	mg/kg
S01:SL:GNA5-01	SL	19.	21.	7440-22-4	Silver	INORG	0.48	mg/kg	0.17	B		9904238-02D	0.48	0.2	mg/kg	9,365.75	mg/kg
S01:SL:GNA5-01	SL	19.	21.	7440-31-5	Tin	INORG	1.6	mg/kg	0.96	B		9904238-02D	1.6	1.18	mg/kg	100,000.	mg/kg
S01:SL:GNA5-01	SL	19.	21.	7440-66-6	Zinc	INORG	3,990.	mg/kg	1.1	*E	J	9904238-02D	3990	78.05	mg/kg	100,000.	mg/kg
S01:SL:GNA6-01	SL	17.	19.	7440-38-2	Arsenic	INORG	**9.**	**mg/kg**	0.48			9904238-01D	9.0	9.74	mg/kg	2.99	mg/kg
S01:SL:GNA6-01	SL	17.	19.	7440-48-4	Cobalt	INORG	13.4	mg/kg	0.14			9904238-01D	13.4	10.22	mg/kg	28,620.2	mg/kg
S01:SL:GNA6-01	SL	17.	19.	7440-50-8	Copper	INORG	30.5	mg/kg	0.1			9904238-01D	30.5	25.19	mg/kg	69,569.94	mg/kg
S01:SL:GNA6-01	SL	17.	19.	7440-02-0	Nickel	INORG	37.7	mg/kg	0.22			9904238-01D	37.7	29.55	mg/kg	37,461.94	mg/kg
S01:SL:GNA6-01	SL	17.	19.	7440-66-6	Zinc	INORG	135.	mg/kg	0.94	*E	J	9904238-01D	135	78.05	mg/kg	100,000.	mg/kg
S01:SL:SL01-03	SL	6.	8.	7440-36-0	Antimony	INORG	0.89	mg/kg	0.39	BN	J	9904256-08D	0.89	0.67	mg/kg	749.27	mg/kg
S01:SL:SL01-03	SL	6.	8.	7440-38-2	Arsenic	INORG	**6.**	**mg/kg**	0.5			9904256-08D	6.0	9.74	mg/kg	2.99	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Qual Flag	Lab Sample ID	Original Result	Average Background	BKG Unit	Regional PRG Standard	PRG Unit
S01:SL:SL01-03	SL	6.	8.	7440-39-3	Barium	INORG	122.	mg/kg	0.08			9904256-08D	122	103.05	mg/kg	100,000.	mg/kg
S01:SL:SL01-03	SL	6.	8.	7440-50-8	Copper	INORG	74.1	mg/kg	0.1			9904256-08D	74.1	25.19	mg/kg	69,569.94	mg/kg
S01:SL:SL01-03	SL	6.	8.	7439-92-1	Lead	INORG	36.9	mg/kg	0.23	EN	J	9904256-08D	36.9	14.14	mg/kg	1,000.	mg/kg
S01:SL:SL01-03	SL	6.	8.	7439-97-6	Mercury	INORG	0.46	mg/kg	0.02			9904256-08D	0.46	0.032	mg/kg	510.	mg/kg
S01:SL:SL01-03	SL	6.	8.	7440-22-4	Silver	INORG	0.27	mg/kg	0.15	B		9904256-08D	0.27	0.2	mg/kg	9,365.75	mg/kg
S01:SL:SL01-03	SL	6.	8.	7440-31-5	Tin	INORG	1.7	mg/kg	0.83	B	J	9904256-08D	1.7	1.18	mg/kg	100,000.	mg/kg
S01:SL:SL01-03	SL	6.	8.	7440-66-6	Zinc	INORG	179.	mg/kg	0.98			9904256-08D	179	78.05	mg/kg	100,000.	mg/kg
S01:SL:SL02-05	SL	10.	12.	7440-38-2	Arsenic	INORG	**10.7**	**mg/kg**	0.53			9904256-05D	10.7	9.74	mg/kg	2.99	mg/kg
S01:SL:SL02-05	SL	10.	12.	7440-39-3	Barium	INORG	141.	mg/kg	0.09			9904256-05D	141	103.05	mg/kg	100,000.	mg/kg
S01:SL:SL02-05	SL	10.	12.	7440-47-3	Chromium	INORG	29.1	mg/kg	0.11			9904256-05D	29.1	28.34	mg/kg	64.05	mg/kg
S01:SL:SL02-05	SL	10.	12.	7440-48-4	Cobalt	INORG	12.	mg/kg	0.16			9904256-05D	12.0	10.22	mg/kg	28,620.2	mg/kg
S01:SL:SL02-05	SL	10.	12.	7439-97-6	Mercury	INORG	0.06	mg/kg	0.02			9904256-05D	0.06	0.032	mg/kg	510.	mg/kg
S01:SL:SL02-05	SL	10.	12.	7440-02-0	Nickel	INORG	33.8	mg/kg	0.24			9904256-05D	33.8	29.55	mg/kg	37,461.94	mg/kg
S01:SL:SL02-05	SL	10.	12.	7440-22-4	Silver	INORG	0.21	mg/kg	0.16	B		9904256-05D	0.21	0.2	mg/kg	9,365.75	mg/kg
S01:SL:SL02-05	SL	10.	12.	7440-66-6	Zinc	INORG	79.9	mg/kg	1.			9904256-05D	79.9	78.05	mg/kg	100,000.	mg/kg
S01:SL:SL02-08	SL	16.	18.	7440-38-2	Arsenic	INORG	**10.**	**mg/kg**	0.53			9904256-06D	10.0	9.74	mg/kg	2.99	mg/kg
S01:SL:SL02-08	SL	16.	18.	7440-48-4	Cobalt	INORG	11.2	mg/kg	0.16			9904256-06D	11.2	10.22	mg/kg	28,620.2	mg/kg
S01:SL:SL02-08	SL	16.	18.	7440-50-8	Copper	INORG	25.4	mg/kg	0.11			9904256-06D	25.4	25.19	mg/kg	69,569.94	mg/kg
S01:SL:SL02-08	SL	16.	18.	7440-02-0	Nickel	INORG	35.1	mg/kg	0.24			9904256-06D	35.1	29.55	mg/kg	37,461.94	mg/kg
S01:SL:SL02-08	SL	16.	18.	7440-22-4	Silver	INORG	0.24	mg/kg	0.16	B		9904256-06D	0.24	0.2	mg/kg	9,365.75	mg/kg
S01:SL:SL02-08	SL	16.	18.	7440-66-6	Zinc	INORG	1,490.	mg/kg	1.			9904256-06D	1490	78.05	mg/kg	100,000.	mg/kg
S01:SL:SL02-09	SL	18.	20.	7440-38-2	Arsenic	INORG	**20.8**	**mg/kg**	0.51			9904256-07D	20.8	9.74	mg/kg	2.99	mg/kg
S01:SL:SL02-09	SL	18.	20.	7440-39-3	Barium	INORG	117.	mg/kg	0.08			9904256-07D	117	103.05	mg/kg	100,000.	mg/kg
S01:SL:SL02-09	SL	18.	20.	7440-48-4	Cobalt	INORG	11.3	mg/kg	0.15			9904256-07D	11.3	10.22	mg/kg	28,620.2	mg/kg
S01:SL:SL02-09	SL	18.	20.	7440-50-8	Copper	INORG	31.8	mg/kg	0.11			9904256-07D	31.8	25.19	mg/kg	69,569.94	mg/kg
S01:SL:SL02-09	SL	18.	20.	7440-02-0	Nickel	INORG	36.3	mg/kg	0.23			9904256-07D	36.3	29.55	mg/kg	37,461.94	mg/kg
S01:SL:SL02-09	SL	18.	20.	7440-22-4	Silver	INORG	0.29	mg/kg	0.15	B		9904256-07D	0.29	0.2	mg/kg	9,365.75	mg/kg
S01:SL:SL02-09	SL	18.	20.	7440-66-6	Zinc	INORG	1,290.	mg/kg	1.			9904256-07D	1290	78.05	mg/kg	100,000.	mg/kg
S02:SL:GNB4-01	SL	19.	21.	7440-38-2	Arsenic	INORG	**7.4**	**mg/kg**	0.47			9904235-02D	7.4	9.74	mg/kg	2.99	mg/kg
S02:SL:GNB4-01	SL	19.	21.	7440-39-3	Barium	INORG	117.	mg/kg	0.08			9904235-02D	117	103.05	mg/kg	100,000.	mg/kg
S02:SL:GNB5-01	SL	21.	23.	7440-38-2	Arsenic	INORG	**16.9**	**mg/kg**	0.49			9904235-01D	16.9	9.74	mg/kg	2.99	mg/kg
S02:SL:SL01-06	SL	12.	14.	7440-38-2	Arsenic	INORG	**9.**	**mg/kg**	0.48			9904256-03D	9.0	9.74	mg/kg	2.99	mg/kg
S02:SL:SL01-06	SL	12.	14.	7440-39-3	Barium	INORG	104.	mg/kg	0.08			9904256-03D	104	103.05	mg/kg	100,000.	mg/kg
S02:SL:SL01-06	SL	12.	14.	7440-50-8	Copper	INORG	28.8	mg/kg	0.1			9904256-03D	28.8	25.19	mg/kg	69,569.94	mg/kg
S02:SL:SL01-06	SL	12.	14.	7439-92-1	Lead	INORG	33.4	mg/kg	0.22	EN	J	9904256-03D	33.4	14.14	mg/kg	1,000.	mg/kg
S02:SL:SL01-06	SL	12.	14.	7439-97-6	Mercury	INORG	0.05	mg/kg	0.02			9904256-03D	0.05	0.032	mg/kg	510.	mg/kg
S02:SL:SL01-06	SL	12.	14.	7440-22-4	Silver	INORG	0.31	mg/kg	0.14	B		9904256-03D	0.31	0.2	mg/kg	9,365.75	mg/kg
S02:SL:SL01-06	SL	12.	14.	7440-66-6	Zinc	INORG	85.4	mg/kg	0.94			9904256-03D	85.4	78.05	mg/kg	100,000.	mg/kg
S02:SL:SL02-03	SL	6.	8.	7440-38-2	Arsenic	INORG	**29.7**	**mg/kg**	0.47			9904256-04D	29.7	9.74	mg/kg	2.99	mg/kg
S02:SL:SL02-03	SL	6.	8.	7440-39-3	Barium	INORG	153.	mg/kg	0.08			9904256-04D	153	103.05	mg/kg	100,000.	mg/kg
S02:SL:SL02-03	SL	6.	8.	7440-50-8	Copper	INORG	60.3	mg/kg	0.1			9904256-04D	60.3	25.19	mg/kg	69,569.94	mg/kg
S02:SL:SL02-03	SL	6.	8.	7439-92-1	Lead	INORG	130.	mg/kg	0.22	EN	J	9904256-04D	130	14.14	mg/kg	1,000.	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	PQL Flag	Lab Sample ID	Background Result	Average Background	Unit	Region 9 PRG Standard	Unit
S02:SL:SL02-03	SL	6.	8.	7439-97-6	Mercury	INORG	0.2	mg/kg	0.02			9904256-04D	0.20	0.032	mg/kg	510.	mg/kg
S02:SL:SL02-03	SL	6.	8.	7440-22-4	Silver	INORG	0.22	mg/kg	0.14	B		9904256-04D	0.22	0.2	mg/kg	9,365.75	mg/kg
S02:SL:SL02-03	SL	6.	8.	7440-31-5	Tin	INORG	5.9	mg/kg	0.78		J	9904256-04D	5.9	1.18	mg/kg	100,000.	mg/kg
S02:SL:SL02-03	SL	6.	8.	7440-66-6	Zinc	INORG	267.	mg/kg	0.92			9904256-04D	267	78.05	mg/kg	100,000.	mg/kg
S03:SL:GNA2-01	SL	11.	13.	7440-38-2	Arsenic	INORG	**7.9**	**mg/kg**	0.56			9904235-03D	7.9	9.74	mg/kg	2.99	mg/kg
S03:SL:GNA2-01	SL	11.	13.	7440-39-3	Barium	INORG	139.	mg/kg	0.09			9904235-03D	139	103.05	mg/kg	100,000.	mg/kg
S03:SL:GNA2-01	SL	11.	13.	7440-41-7	Beryllium	INORG	1.	mg/kg	0.05			9904235-03D	1.0	1	mg/kg	3,400.	mg/kg
S03:SL:GNA2-01	SL	11.	13.	7440-47-3	Chromium	INORG	32.6	mg/kg	0.12			9904235-03D	32.6	28.34	mg/kg	64.05	mg/kg
S03:SL:GNA2-01	SL	11.	13.	7440-48-4	Cobalt	INORG	16.2	mg/kg	0.16			9904235-03D	16.2	10.22	mg/kg	28,620.2	mg/kg
S03:SL:GNA2-01	SL	11.	13.	7440-62-2	Vanadium	INORG	43.3	mg/kg	0.21			9904235-03D	43.3	42.48	mg/kg	13,112.	mg/kg
S03:SL:GNA2-01	SL	11.	13.	7440-66-6	Zinc	INORG	85.	mg/kg	1.1			9904235-03D	85.0	78.05	mg/kg	100,000.	mg/kg
S03:SL:GNB2-01	SL	11.	13.	7440-38-2	Arsenic	INORG	**5.1**	**mg/kg**	0.48			9904206-07D	5.1	9.74	mg/kg	2.99	mg/kg
S03:SL:GNB2-01	SL	11.	13.	7440-48-4	Cobalt	INORG	12.8	mg/kg	0.14			9904206-07D	12.8	10.22	mg/kg	28,620.2	mg/kg
S03:SL:GNB2-01	SL	11.	13.	7440-50-8	Copper	INORG	25.7	mg/kg	0.1			9904206-07D	25.7	25.19	mg/kg	69,569.94	mg/kg
S03:SL:GNB2-01	SL	11.	13.	7440-02-0	Nickel	INORG	31.5	mg/kg	0.22			9904206-07D	31.5	29.55	mg/kg	37,461.94	mg/kg
S03:SL:GNB2-01	SL	11.	13.	7440-31-5	Tin	INORG	1.2	mg/kg	0.8	B		9904206-07D	1.2	1.18	mg/kg	100,000.	mg/kg
S03:SL:SL01-02	SL	4.	6.	7440-38-2	Arsenic	INORG	**6.1**	**mg/kg**	0.5			9904238-08D	6.1	9.74	mg/kg	2.99	mg/kg
S03:SL:SL01-02	SL	4.	6.	7440-50-8	Copper	INORG	31.3	mg/kg	0.1			9904238-08D	31.3	25.19	mg/kg	69,569.94	mg/kg
S03:SL:SL01-02	SL	4.	6.	7439-97-6	Mercury	INORG	0.04	mg/kg	0.02			9904238-08D	0.04	0.032	mg/kg	510.	mg/kg
S03:SL:SL01-02	SL	4.	6.	7440-31-5	Tin	INORG	2.	mg/kg	0.83	B		9904238-08D	2.0	1.18	mg/kg	100,000.	mg/kg
S03:SL:SL01-02	SL	4.	6.	7440-66-6	Zinc	INORG	112.	mg/kg	0.98	*E	J	9904238-08D	112	78.05	mg/kg	100,000.	mg/kg
S03:SL:SL01-03	SL	6.	8.	7440-38-2	Arsenic	INORG	**9.4**	**mg/kg**	0.49			9904238-09D	9.4	9.74	mg/kg	2.99	mg/kg
S03:SL:SL01-03	SL	6.	8.	7440-48-4	Cobalt	INORG	11.4	mg/kg	0.14			9904238-09D	11.4	10.22	mg/kg	28,620.2	mg/kg
S03:SL:SL01-03	SL	6.	8.	7440-02-0	Nickel	INORG	34.6	mg/kg	0.22			9904238-09D	34.6	29.55	mg/kg	37,461.94	mg/kg
S03:SL:SL01-03	SL	6.	8.	7440-31-5	Tin	INORG	1.5	mg/kg	0.82	B		9904238-09D	1.5	1.18	mg/kg	100,000.	mg/kg
S03:SL:SL01-03	SL	6.	8.	7440-66-6	Zinc	INORG	129.	mg/kg	0.96	*E	J	9904238-09D	129	78.05	mg/kg	100,000.	mg/kg
S03:SL:SL01-04	SL	8.	10.	7440-38-2	Arsenic	INORG	**6.5**	**mg/kg**	0.51			9904238-10D	6.5	9.74	mg/kg	2.99	mg/kg
S03:SL:SL01-04	SL	8.	10.	7440-02-0	Nickel	INORG	30.7	mg/kg	0.23			9904238-10D	30.7	29.55	mg/kg	37,461.94	mg/kg
S03:SL:SL01-04	SL	8.	10.	7440-31-5	Tin	INORG	1.2	mg/kg	0.85	B		9904238-10D	1.2	1.18	mg/kg	100,000.	mg/kg
S03:SL:SL02-03	SL	6.	8.	7440-38-2	Arsenic	INORG	**11.6**	**mg/kg**	0.58			9904238-11D	11.6	9.74	mg/kg	2.99	mg/kg
S03:SL:SL02-03	SL	6.	8.	7440-43-9	Cadmium	INORG	1.	mg/kg	0.07	B		9904238-11D	1.0	0.94	mg/kg	934.3	mg/kg
S03:SL:SL02-03	SL	6.	8.	7440-50-8	Copper	INORG	31.2	mg/kg	0.12			9904238-11D	31.2	25.19	mg/kg	69,569.94	mg/kg
S03:SL:SL02-03	SL	6.	8.	7440-02-0	Nickel	INORG	29.9	mg/kg	0.26			9904238-11D	29.9	29.55	mg/kg	37,461.94	mg/kg
S03:SL:SL02-03	SL	6.	8.	7440-31-5	Tin	INORG	1.5	mg/kg	0.96	B		9904238-11D	1.5	1.18	mg/kg	100,000.	mg/kg
S06:SL:GNA1-01	SL	14.	16.	7440-38-2	Arsenic	INORG	**3.6**	**mg/kg**	0.45	N	J	9904096-04D	3.6	9.74	mg/kg	2.99	mg/kg
S06:SL:GNA1-01	SL	14.	16.	7440-66-6	Zinc	INORG	128.	mg/kg	0.87	*E		9904096-04D	128	78.05	mg/kg	100,000.	mg/kg
S06:SL:GNB1-01	SL	13.	15.	7440-38-2	Arsenic	INORG	**7.8**	**mg/kg**	0.53	N	J	9904096-03D	7.8	9.74	mg/kg	2.99	mg/kg
S06:SL:GNB1-01	SL	13.	15.	7439-97-6	Mercury	INORG	0.04	mg/kg	0.02			9904096-03D	0.04	0.032	mg/kg	510.	mg/kg
S06:SL:GNC1-01	SL	13.	15.	7440-38-2	Arsenic	INORG	**9.6**	**mg/kg**	0.46			9904073-01D	9.6	9.74	mg/kg	2.99	mg/kg
S06:SL:GNC1-01	SL	13.	15.	7440-43-9	Cadmium	INORG	1.2	mg/kg	0.06			9904073-01D	1.2	0.94	mg/kg	934.3	mg/kg
S06:SL:GNC1-01	SL	13.	15.	7440-48-4	Cobalt	INORG	11.5	mg/kg	0.13			9904073-01D	11.5	10.22	mg/kg	28,620.2	mg/kg
S06:SL:GNC1-01	SL	13.	15.	7440-50-8	Copper	INORG	28.4	mg/kg	0.1			9904073-01D	28.4	25.19	mg/kg	69,569.94	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Qc Flag	Lab Sample ID	Original Result	Average Background	BKG Unit	Region 9 PRG Standard	PRG Unit
S06:SL:GNC1-01	SL	13.	15.	7440-02-0	Nickel	INORG	32.6	mg/kg	0.21			9904073-01D	32.6	29.55	mg/kg	37,461.94	mg/kg
S06:SL:GNC1-01	SL	13.	15.	7440-31-5	Tin	INORG	1.2	mg/kg	0.77	B		9904073-01D	1.2	1.18	mg/kg	100,000.	mg/kg
S06:SL:SL01-04	SL	6.	8.	7440-38-2	Arsenic	INORG	**6.2**	**mg/kg**	0.51	N	J	9904092-01D	6.2	9.74	mg/kg	2.99	mg/kg
S06:SL:GND1-05	SL	11.	13.	7440-38-2	Arsenic	INORG	**8.9**	**mg/kg**	0.49	N	J	9904120-01D	8.9	9.74	mg/kg	2.99	mg/kg
S06:SL:GND1-05	SL	11.	13.	7440-48-4	Cobalt	INORG	11.2	mg/kg	0.14	E		9904120-01D	11.2	10.22	mg/kg	28,620.2	mg/kg
S06:SL:GND1-05	SL	11.	13.	7440-50-8	Copper	INORG	25.9	mg/kg	0.1	E		9904120-01D	25.9	25.19	mg/kg	69,569.94	mg/kg
S06:SL:GND1-05	SL	11.	13.	7440-02-0	Nickel	INORG	31.4	mg/kg	0.23	E		9904120-01D	31.4	29.55	mg/kg	37,461.94	mg/kg
S06:SL:GND1-05	SL	11.	13.	7440-66-6	Zinc	INORG	228.	mg/kg	0.96	*E		9904120-01D	228	78.05	mg/kg	100,000.	mg/kg
S06:SL:SL01-04	SL	6.	8.	7440-39-3	Barium	INORG	841.	mg/kg	0.09	E		9904092-01D	841	103.05	mg/kg	100,000.	mg/kg
S06:SL:SL01-04	SL	6.	8.	7440-43-9	Cadmium	INORG	2.3	mg/kg	0.06			9904092-01D	2.3	0.94	mg/kg	934.3	mg/kg
S06:SL:SL01-04	SL	6.	8.	7440-47-3	Chromium	INORG	**237.**	**mg/kg**	0.11	E		9904092-01D	237	28.34	mg/kg	64.05	mg/kg
S06:SL:SL01-04	SL	6.	8.	7440-50-8	Copper	INORG	218.	mg/kg	0.11	E		9904092-01D	218	25.19	mg/kg	69,569.94	mg/kg
S06:SL:SL01-04	SL	6.	8.	7439-92-1	Lead	INORG	98.8	mg/kg	0.23	E		9904092-01D	98.8	14.14	mg/kg	1,000.	mg/kg
S06:SL:SL01-04	SL	6.	8.	7439-97-6	Mercury	INORG	0.16	mg/kg	0.02			9904092-01D	0.16	0.032	mg/kg	510.	mg/kg
S06:SL:SL01-04	SL	6.	8.	7440-02-0	Nickel	INORG	81.2	mg/kg	0.23	E		9904092-01D	81.2	29.55	mg/kg	37,461.94	mg/kg
S06:SL:SL01-04	SL	6.	8.	7440-22-4	Silver	INORG	0.31	mg/kg	0.15	B		9904092-01D	0.31	0.2	mg/kg	9,365.75	mg/kg
S06:SL:SL01-04	SL	6.	8.	7440-31-5	Tin	INORG	5.8	mg/kg	0.85			9904092-01D	5.8	1.18	mg/kg	100,000.	mg/kg
S06:SL:SL01-04	SL	6.	8.	7440-66-6	Zinc	INORG	452.	mg/kg	1.	EN	J	9904092-01D	452	78.05	mg/kg	100,000.	mg/kg
S06:SL:SL02-06	SL	11.	13.	7440-38-2	Arsenic	INORG	**8.1**	**mg/kg**	0.54	N	J	9904096-02D	8.1	9.74	mg/kg	2.99	mg/kg
S06:SL:SL02-06	SL	11.	13.	7440-48-4	Cobalt	INORG	10.8	mg/kg	0.16	E		9904096-02D	10.8	10.22	mg/kg	28,620.2	mg/kg
S06:SL:SL02-06	SL	11.	13.	7440-50-8	Copper	INORG	25.9	mg/kg	0.11	E		9904096-02D	25.9	25.19	mg/kg	69,569.94	mg/kg
S06:SL:SL02-06	SL	11.	13.	7440-02-0	Nickel	INORG	32.6	mg/kg	0.25	E		9904096-02D	32.6	29.55	mg/kg	37,461.94	mg/kg
S06:SL:SL02-06	SL	11.	13.	7440-66-6	Zinc	INORG	212.	mg/kg	1.1	*E		9904096-02D	212	78.05	mg/kg	100,000.	mg/kg
S08:SL:SL01-03	SL	6.	8.	7440-38-2	Arsenic	INORG	**6.**	**mg/kg**	0.53			9904256-01D	6.0	9.74	mg/kg	2.99	mg/kg
S08:SL:SL01-03	SL	6.	8.	7440-48-4	Cobalt	INORG	11.2	mg/kg	0.16			9904256-01D	11.2	10.22	mg/kg	28,620.2	mg/kg
S08:SL:SL01-03	SL	6.	8.	7439-97-6	Mercury	INORG	0.25	mg/kg	0.02			9904256-01D	0.25	0.032	mg/kg	510.	mg/kg
S08:SL:SL01-03	SL	6.	8.	7440-02-0	Nickel	INORG	30.2	mg/kg	0.24			9904256-01D	30.2	29.55	mg/kg	37,461.94	mg/kg
S08:SL:SL01-03	SL	6.	8.	7440-66-6	Zinc	INORG	81.7	mg/kg	1.			9904256-01D	81.7	78.05	mg/kg	100,000.	mg/kg
S08:SL:SL02-03	SL	6.	8.	7440-38-2	Arsenic	INORG	**5.6**	**mg/kg**	0.57			9904256-02D	5.6	9.74	mg/kg	2.99	mg/kg
S08:SL:SL02-03	SL	6.	8.	7440-39-3	Barium	INORG	112.	mg/kg	0.1			9904256-02D	112	103.05	mg/kg	100,000.	mg/kg
S08:SL:SL02-03	SL	6.	8.	7440-48-4	Cobalt	INORG	10.4	mg/kg	0.17			9904256-02D	10.4	10.22	mg/kg	28,620.2	mg/kg
S08:SL:SL02-03	SL	6.	8.	7439-97-6	Mercury	INORG	0.05	mg/kg	0.02			9904256-02D	0.05	0.032	mg/kg	510.	mg/kg
S09:SL:GNA2-01	SL	11.	13.	7440-38-2	Arsenic	INORG	**15.5**	**mg/kg**	0.48			9904181-01D	15.5	9.74	mg/kg	2.99	mg/kg
S09:SL:GNA2-01	SL	11.	13.	7440-39-3	Barium	INORG	105.	mg/kg	0.08			9904181-01D	105	103.05	mg/kg	100,000.	mg/kg
S09:SL:GNA2-01	SL	11.	13.	7440-41-7	Beryllium	INORG	1.	mg/kg	0.04			9904181-01D	1.0	1	mg/kg	3,400.	mg/kg
S09:SL:GNA2-01	SL	11.	13.	7440-47-3	Chromium	INORG	29.	mg/kg	0.1			9904181-01D	29.0	28.34	mg/kg	64.05	mg/kg
S09:SL:GNA2-01	SL	11.	13.	7440-48-4	Cobalt	INORG	12.	mg/kg	0.14			9904181-01D	12.0	10.22	mg/kg	28,620.2	mg/kg
S09:SL:GNA2-01	SL	11.	13.	7440-50-8	Copper	INORG	31.4	mg/kg	0.1			9904181-01D	31.4	25.19	mg/kg	69,569.94	mg/kg
S09:SL:GNA2-01	SL	11.	13.	7440-02-0	Nickel	INORG	38.4	mg/kg	0.22			9904181-01D	38.4	29.55	mg/kg	37,461.94	mg/kg
S09:SL:GNA2-01	SL	11.	13.	7440-62-2	Vanadium	INORG	47.1	mg/kg	0.18			9904181-01D	47.1	42.48	mg/kg	13,112.	mg/kg
S09:SL:GNA2-01	SL	11.	13.	7440-66-6	Zinc	INORG	84.	mg/kg	0.94	*N	J	9904181-01D	84.0	78.05	mg/kg	100,000.	mg/kg
S09:SL:GNA3-01	SL	11.	13.	7440-38-2	Arsenic	INORG	**11.2**	**mg/kg**	0.46			9904160-02D	11.2	9.74	mg/kg	2.99	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Qual Flag	Lab Sample ID	Original Result	Average Background	Bkg Unit	Region 9 PRG Standard	PRG Unit
S09:SL:GNA3-01	SL	11.	13.	7440-48-4	Cobalt	INORG	19.5	mg/kg	0.14			9904160-02D	19.5	10.22	mg/kg	28,620.2	mg/kg
S09:SL:GNA3-01	SL	11.	13.	7440-02-0	Nickel	INORG	34.3	mg/kg	0.21			9904160-02D	34.3	29.55	mg/kg	37,461.94	mg/kg
S09:SL:GNB2-01	SL	17.	19.	7440-38-2	Arsenic	INORG	**6.**	**mg/kg**	0.42			9904160-06D	6.0	9.74	mg/kg	2.99	mg/kg
S09:SL:GNB2-01	SL	17.	19.	7440-50-8	Copper	INORG	25.2	mg/kg	0.09			9904160-06D	25.2	25.19	mg/kg	69,569.94	mg/kg
S09:SL:GNB3-01	SL	15.	17.	7440-38-2	Arsenic	INORG	**6.7**	**mg/kg**	0.39			9904160-01D	6.7	9.74	mg/kg	2.99	mg/kg
S09:SL:GNB3-01	SL	15.	17.	7440-50-8	Copper	INORG	25.7	mg/kg	0.08			9904160-01D	25.7	25.19	mg/kg	69,569.94	mg/kg
S09:SL:GNC2-01	SL	11.	13.	7440-38-2	Arsenic	INORG	**12.5**	**mg/kg**	0.51			9904160-05D	12.5	9.74	mg/kg	2.99	mg/kg
S09:SL:GNC2-01	SL	11.	13.	7440-39-3	Barium	INORG	139.	mg/kg	0.09			9904160-05D	139	103.05	mg/kg	100,000.	mg/kg
S09:SL:GNC2-01	SL	11.	13.	7440-48-4	Cobalt	INORG	12.8	mg/kg	0.15			9904160-05D	12.8	10.22	mg/kg	28,620.2	mg/kg
S09:SL:GNC2-01	SL	11.	13.	7440-50-8	Copper	INORG	29.6	mg/kg	0.11			9904160-05D	29.6	25.19	mg/kg	69,569.94	mg/kg
S09:SL:GNC2-01	SL	11.	13.	7440-02-0	Nickel	INORG	36.3	mg/kg	0.24			9904160-05D	36.3	29.55	mg/kg	37,461.94	mg/kg
S09:SL:GNC3-01	SL	13.	15.	7440-38-2	Arsenic	INORG	**10.4**	**mg/kg**	0.47			9904160-03D	10.4	9.74	mg/kg	2.99	mg/kg
S09:SL:GNC3-01	SL	13.	15.	7440-48-4	Cobalt	INORG	13.6	mg/kg	0.14			9904160-03D	13.6	10.22	mg/kg	28,620.2	mg/kg
S09:SL:GNC3-01	SL	13.	15.	7440-02-0	Nickel	INORG	30.2	mg/kg	0.22			9904160-03D	30.2	29.55	mg/kg	37,461.94	mg/kg
S09:SL:GNC3-01	SL	13.	15.	7440-31-5	Tin	INORG	1.2	mg/kg	0.78	B		9904160-03D	1.2	1.18	mg/kg	100,000.	mg/kg
S09:SL:GND2-01	SL	11.	13.	7440-38-2	Arsenic	INORG	**6.7**	**mg/kg**	0.55			9904160-04D	6.7	9.74	mg/kg	2.99	mg/kg
S09:SL:GND2-01	SL	11.	13.	7440-39-3	Barium	INORG	132.	mg/kg	0.09			9904160-04D	132	103.05	mg/kg	100,000.	mg/kg
S09:SL:GND2-01	SL	11.	13.	7440-48-4	Cobalt	INORG	10.5	mg/kg	0.16			9904160-04D	10.5	10.22	mg/kg	28,620.2	mg/kg
S09:SL:GND2-01	SL	11.	13.	7440-50-8	Copper	INORG	73.4	mg/kg	0.11			9904160-04D	73.4	25.19	mg/kg	69,569.94	mg/kg
S09:SL:GND2-01	SL	11.	13.	7440-02-0	Nickel	INORG	31.	mg/kg	0.25			9904160-04D	31.0	29.55	mg/kg	37,461.94	mg/kg
S09:SL:GND2-01	SL	11.	13.	7440-66-6	Zinc	INORG	97.4	mg/kg	1.1	*N	J	9904160-04D	97.4	78.05	mg/kg	100,000.	mg/kg
S09:SL:GND3-01	SL	15.	17.	7440-38-2	Arsenic	INORG	**4.4**	**mg/kg**	0.48	N	J	9904135-05D	4.4	9.74	mg/kg	2.99	mg/kg
S09:SL:GNE2-01	SL	21.	23.	7440-38-2	Arsenic	INORG	**7.2**	**mg/kg**	0.56	N	J	9904120-04D	7.2	9.74	mg/kg	2.99	mg/kg
S09:SL:GNE2-01	SL	21.	23.	7440-48-4	Cobalt	INORG	10.9	mg/kg	0.16	E		9904120-04D	10.9	10.22	mg/kg	28,620.2	mg/kg
S09:SL:GNE2-01	SL	21.	23.	7440-50-8	Copper	INORG	26.	mg/kg	0.12	E		9904120-04D	26.0	25.19	mg/kg	69,569.94	mg/kg
S09:SL:GNE2-01	SL	21.	23.	7440-02-0	Nickel	INORG	30.6	mg/kg	0.26	E		9904120-04D	30.6	29.55	mg/kg	37,461.94	mg/kg
S09:SL:GNE3-01	SL	11.	13.	7440-38-2	Arsenic	INORG	**8.7**	**mg/kg**	0.44	N	J	9904135-04D	8.7	9.74	mg/kg	2.99	mg/kg
S09:SL:GNE3-01	SL	11.	13.	7440-48-4	Cobalt	INORG	10.4	mg/kg	0.13	E		9904135-04D	10.4	10.22	mg/kg	28,620.2	mg/kg
S09:SL:GNE3-01	SL	11.	13.	7440-50-8	Copper	INORG	25.3	mg/kg	0.09	E		9904135-04D	25.3	25.19	mg/kg	69,569.94	mg/kg
S09:SL:GNE3-01	SL	11.	13.	7440-02-0	Nickel	INORG	30.3	mg/kg	0.2	E		9904135-04D	30.3	29.55	mg/kg	37,461.94	mg/kg
S09:SL:GNF2-01	SL	11.	13.	7440-38-2	Arsenic	INORG	**26.3**	**mg/kg**	0.51	N	J	9904120-07D	26.3	9.74	mg/kg	2.99	mg/kg
S09:SL:GNF2-01	SL	11.	13.	7440-48-4	Cobalt	INORG	14.7	mg/kg	0.15	E		9904120-07D	14.7	10.22	mg/kg	28,620.2	mg/kg
S09:SL:GNF2-01	SL	11.	13.	7440-50-8	Copper	INORG	26.9	mg/kg	0.11	E		9904120-07D	26.9	25.19	mg/kg	69,569.94	mg/kg
S09:SL:GNF2-01	SL	11.	13.	7440-02-0	Nickel	INORG	39.8	mg/kg	0.24	E		9904120-07D	39.8	29.55	mg/kg	37,461.94	mg/kg
S09:SL:GNF2-01	SL	11.	13.	7440-66-6	Zinc	INORG	85.1	mg/kg	1.	*E		9904120-07D	85.1	78.05	mg/kg	100,000.	mg/kg
S09:SL:GNF3-01	SL	11.	13.	7440-38-2	Arsenic	INORG	**6.6**	**mg/kg**	0.6	N	J	9904135-02D	6.6	9.74	mg/kg	2.99	mg/kg
S09:SL:SL01-05	SL	8.	10.	7440-36-0	Antimony	INORG	12.	mg/kg	0.48	N	J	9904092-02D	12.0	0.67	mg/kg	749.27	mg/kg
S09:SL:SL01-05	SL	8.	10.	7440-38-2	Arsenic	INORG	**228.**	**mg/kg**	0.61	N	J	9904092-02D	228	9.74	mg/kg	2.99	mg/kg
S09:SL:SL01-05	SL	8.	10.	7440-39-3	Barium	INORG	165.	mg/kg	0.1	E		9904092-02D	165	103.05	mg/kg	100,000.	mg/kg
S09:SL:SL01-05	SL	8.	10.	7440-43-9	Cadmium	INORG	39.4	mg/kg	0.08			9904092-02D	39.4	0.94	mg/kg	934.3	mg/kg
S09:SL:SL01-05	SL	8.	10.	7440-47-3	Chromium	INORG	**2,950.**	**mg/kg**	0.63	E		9904092-02D	2950	28.34	mg/kg	64.05	mg/kg
S09:SL:SL01-05	SL	8.	10.	7440-48-4	Cobalt	INORG	10.7	mg/kg	0.18	E		9904092-02D	10.7	10.22	mg/kg	28,620.2	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Qualifier	Lab Sample ID	Original Result	Average Background	Bkg Unit	Region 9 PRG Screening	PRG Unit
S09:SL:SL01-05	SL	8.	10.	7440-50-8	Copper	INORG	899.	mg/kg	0.13	E		9904092-02D	899	25.19	mg/kg	69,569.94	mg/kg
S09:SL:SL01-05	SL	8.	10.	7439-92-1	Lead	INORG	**1,730.**	**mg/kg**	0.28	E		9904092-02D	1730	14.14	mg/kg	1,000.	mg/kg
S09:SL:SL01-05	SL	8.	10.	7439-97-6	Mercury	INORG	0.11	mg/kg	0.02			9904092-02D	0.11	0.032	mg/kg	510.	mg/kg
S09:SL:SL01-05	SL	8.	10.	7440-02-0	Nickel	INORG	261.	mg/kg	0.28	E		9904092-02D	261	29.55	mg/kg	37,461.94	mg/kg
S09:SL:SL01-05	SL	8.	10.	7782-49-2	Selenium	INORG	1.2	mg/kg	0.71	B		9904092-02D	1.2	0.97	mg/kg	9,365.75	mg/kg
S09:SL:SL01-05	SL	8.	10.	7440-22-4	Silver	INORG	5.3	mg/kg	0.18			9904092-02D	5.3	0.2	mg/kg	9,365.75	mg/kg
S09:SL:SL01-05	SL	8.	10.	7440-31-5	Tin	INORG	257.	mg/kg	1.			9904092-02D	257	1.18	mg/kg	100,000.	mg/kg
S09:SL:SL01-05	SL	8.	10.	7440-66-6	Zinc	INORG	6,570.	mg/kg	6.	EN	J	9904092-02D	6570	78.05	mg/kg	100,000.	mg/kg
S09:SL:SL02-10	SL	18.	20.	7440-36-0	Antimony	INORG	1.4	mg/kg	0.48	N	J	9904092-03D	1.4	0.67	mg/kg	749.27	mg/kg
S09:SL:SL02-10	SL	18.	20.	7440-38-2	Arsenic	INORG	**9.9**	**mg/kg**	0.61	N	J	9904092-03D	9.9	9.74	mg/kg	2.99	mg/kg
S09:SL:SL02-10	SL	18.	20.	7440-39-3	Barium	INORG	891.	mg/kg	0.1	E		9904092-03D	891	103.05	mg/kg	100,000.	mg/kg
S09:SL:SL02-10	SL	18.	20.	7440-43-9	Cadmium	INORG	3.3	mg/kg	0.08			9904092-03D	3.3	0.94	mg/kg	934.3	mg/kg
S09:SL:SL02-10	SL	18.	20.	7440-47-3	Chromium	INORG	**300.**	**mg/kg**	0.13	E		9904092-03D	300	28.34	mg/kg	64.05	mg/kg
S09:SL:SL02-10	SL	18.	20.	7440-48-4	Cobalt	INORG	10.8	mg/kg	0.18	E		9904092-03D	10.8	10.22	mg/kg	28,620.2	mg/kg
S09:SL:SL02-10	SL	18.	20.	7440-50-8	Copper	INORG	228.	mg/kg	0.13	E		9904092-03D	228	25.19	mg/kg	69,569.94	mg/kg
S09:SL:SL02-10	SL	18.	20.	7439-92-1	Lead	INORG	270.	mg/kg	0.28	E		9904092-03D	270	14.14	mg/kg	1,000.	mg/kg
S09:SL:SL02-10	SL	18.	20.	7439-97-6	Mercury	INORG	0.42	mg/kg	0.02			9904092-03D	0.42	0.032	mg/kg	510.	mg/kg
S09:SL:SL02-10	SL	18.	20.	7440-02-0	Nickel	INORG	92.5	mg/kg	0.28	E		9904092-03D	92.5	29.55	mg/kg	37,461.94	mg/kg
S09:SL:SL02-10	SL	18.	20.	7782-49-2	Selenium	INORG	1.3	mg/kg	0.71			9904092-03D	1.3	0.97	mg/kg	9,365.75	mg/kg
S09:SL:SL02-10	SL	18.	20.	7440-22-4	Silver	INORG	0.62	mg/kg	0.18	B		9904092-03D	0.62	0.2	mg/kg	9,365.75	mg/kg
S09:SL:SL02-10	SL	18.	20.	7440-31-5	Tin	INORG	7.4	mg/kg	1.			9904092-03D	7.4	1.18	mg/kg	100,000.	mg/kg
S09:SL:SL02-10	SL	18.	20.	7440-66-6	Zinc	INORG	1,020.	mg/kg	1.2	EN	J	9904092-03D	1020	78.05	mg/kg	100,000.	mg/kg
S09:SL:SL02-11	SL	20.	22.	7440-38-2	Arsenic	INORG	**18.**	**mg/kg**	0.4	N		9904092-04D	18.0	9.74	mg/kg	2.99	mg/kg
S09:SL:SL02-11	SL	20.	22.	7440-43-9	Cadmium	INORG	1.2	mg/kg	0.05			9904092-04D	1.2	0.94	mg/kg	934.3	mg/kg
S09:SL:SL02-11	SL	20.	22.	7440-48-4	Cobalt	INORG	11.7	mg/kg	0.12	E		9904092-04D	11.7	10.22	mg/kg	28,620.2	mg/kg
S09:SL:SL02-11	SL	20.	22.	7440-50-8	Copper	INORG	27.	mg/kg	0.08	E		9904092-04D	27.0	25.19	mg/kg	69,569.94	mg/kg
S09:SL:SL02-11	SL	20.	22.	7440-02-0	Nickel	INORG	29.8	mg/kg	0.19	E		9904092-04D	29.8	29.55	mg/kg	37,461.94	mg/kg
S09:SL:SL02-11	SL	20.	22.	7440-66-6	Zinc	INORG	91.6	mg/kg	0.79	EN	J	9904092-04D	91.6	78.05	mg/kg	100,000.	mg/kg
S09:SL:SL02-12	SL	22.	24.	7440-38-2	Arsenic	INORG	**10.**	**mg/kg**	0.47	N	J	9904092-05D	10.0	9.74	mg/kg	2.99	mg/kg
S09:SL:SL02-12	SL	22.	24.	7440-43-9	Cadmium	INORG	1.2	mg/kg	0.06			9904092-05D	1.2	0.94	mg/kg	934.3	mg/kg
S09:SL:SL02-12	SL	22.	24.	7440-48-4	Cobalt	INORG	10.6	mg/kg	0.14	E		9904092-05D	10.6	10.22	mg/kg	28,620.2	mg/kg
S09:SL:SL02-12	SL	22.	24.	7440-50-8	Copper	INORG	27.4	mg/kg	0.1	E		9904092-05D	27.4	25.19	mg/kg	69,569.94	mg/kg
S09:SL:SL02-12	SL	22.	24.	7440-66-6	Zinc	INORG	232.	mg/kg	0.91	EN	J	9904092-05D	232	78.05	mg/kg	100,000.	mg/kg
S12:SL:GNA2-01	SL	4.5	6.5	7440-38-2	Arsenic	INORG	**10.**	**mg/kg**	0.36			9903217-18D	10.0	9.74	mg/kg	2.99	mg/kg
S12:SL:GNA2-01	SL	4.5	6.5	7440-39-3	Barium	INORG	107.	mg/kg	0.06			9903217-18D	107	103.05	mg/kg	100,000.	mg/kg
S12:SL:GNA2-01	SL	4.5	6.5	7440-50-8	Copper	INORG	31.3	mg/kg	0.08			9903217-18D	31.3	25.19	mg/kg	69,569.94	mg/kg
S12:SL:GNA2-01	SL	4.5	6.5	7439-92-1	Lead	INORG	28.5	mg/kg	0.17	EN	J	9903217-18D	28.5	14.14	mg/kg	1,000.	mg/kg
S12:SL:GNA2-01	SL	4.5	6.5	7440-66-6	Zinc	INORG	211.	mg/kg	0.71			9903217-18D	211	78.05	mg/kg	100,000.	mg/kg
S12:SL:GNB2-01	SL	4.5	6.5	7440-38-2	Arsenic	INORG	**11.3**	**mg/kg**	0.45			9903217-16D	11.3	9.74	mg/kg	2.99	mg/kg
S12:SL:GNB2-01	SL	4.5	6.5	7440-39-3	Barium	INORG	119.	mg/kg	0.08			9903217-16D	119	103.05	mg/kg	100,000.	mg/kg
S12:SL:GNB2-01	SL	4.5	6.5	7440-41-7	Beryllium	INORG	1.	mg/kg	0.04			9903217-16D	1.0	1	mg/kg	3,400.	mg/kg
S12:SL:GNB2-01	SL	4.5	6.5	7440-43-9	Cadmium	INORG	1.	mg/kg	0.06			9903217-16D	1.0	0.94	mg/kg	934.3	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	VQ Flag	Lab Sample ID	Original Result	Average Background	Exceedance	Region 9 PRG Standard	PRG Unit
S12:SL:GNB2-01	SL	4.5	6.5	7440-48-4	Cobalt	INORG	11.4	mg/kg	0.13	*	J	9903217-16D	11.4	10.22	mg/kg	28,620.2	mg/kg
S12:SL:GNB2-01	SL	4.5	6.5	7440-50-8	Copper	INORG	29.9	mg/kg	0.09			9903217-16D	29.9	25.19	mg/kg	69,569.94	mg/kg
S12:SL:GNB2-01	SL	4.5	6.5	7440-02-0	Nickel	INORG	34.8	mg/kg	0.21			9903217-16D	34.8	29.55	mg/kg	37,461.94	mg/kg
S12:SL:GNB2-01	SL	4.5	6.5	7440-62-2	Vanadium	INORG	44.7	mg/kg	0.17			9903217-16D	44.7	42.48	mg/kg	13,112.	mg/kg
S12:SL:GNB3-01	SL	4.5	6.5	7440-38-2	Arsenic	INORG	**7.3**	**mg/kg**	0.44			9903217-15D	7.3	9.74	mg/kg	2.99	mg/kg
S12:SL:GNB3-01	SL	4.5	6.5	7440-48-4	Cobalt	INORG	10.9	mg/kg	0.13	*	J	9903217-15D	10.9	10.22	mg/kg	28,620.2	mg/kg
S12:SL:GNB3-01	SL	4.5	6.5	7440-22-4	Silver	INORG	0.24	mg/kg	0.13	B		9903217-15D	0.24	0.2	mg/kg	9,365.75	mg/kg
S12:SL:GNC2-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**6.4**	**mg/kg**	0.5			9903217-13D	6.4	9.74	mg/kg	2.99	mg/kg
S12:SL:GNC2-01	SL	2.5	4.5	7440-31-5	Tin	INORG	1.7	mg/kg	0.84	B		9903217-13D	1.7	1.18	mg/kg	100,000.	mg/kg
S12:SL:GNC3-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**5.3**	**mg/kg**	0.55			9903217-14D	5.3	9.74	mg/kg	2.99	mg/kg
S12:SL:GNC3-01	SL	2.5	4.5	7440-39-3	Barium	INORG	108.	mg/kg	0.09			9903217-14D	108	103.05	mg/kg	100,000.	mg/kg
S12:SL:GNC3-01	SL	2.5	4.5	7440-41-7	Beryllium	INORG	1.1	mg/kg	0.05			9903217-14D	1.1	1	mg/kg	3,400.	mg/kg
S12:SL:GNC3-01	SL	2.5	4.5	7440-47-3	Chromium	INORG	29.6	mg/kg	0.11			9903217-14D	29.6	28.34	mg/kg	64.05	mg/kg
S12:SL:GNC3-01	SL	2.5	4.5	7440-31-5	Tin	INORG	2.	mg/kg	0.91	B		9903217-14D	2.0	1.18	mg/kg	100,000.	mg/kg
S12:SL:GND1-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**7.3**	**mg/kg**	0.5			9903217-12D	7.3	9.74	mg/kg	2.99	mg/kg
S12:SL:GND1-01	SL	2.5	4.5	7440-39-3	Barium	INORG	144.	mg/kg	0.08			9903217-12D	144	103.05	mg/kg	100,000.	mg/kg
S12:SL:GND1-01	SL	2.5	4.5	7440-43-9	Cadmium	INORG	1.	mg/kg	0.06	B		9903217-12D	1.0	0.94	mg/kg	934.3	mg/kg
S12:SL:GND1-01	SL	2.5	4.5	7440-47-3	Chromium	INORG	49.9	mg/kg	0.1			9903217-12D	49.9	28.34	mg/kg	64.05	mg/kg
S12:SL:GND1-01	SL	2.5	4.5	7440-48-4	Cobalt	INORG	11.5	mg/kg	0.15	*	J	9903217-12D	11.5	10.22	mg/kg	28,620.2	mg/kg
S12:SL:GND1-01	SL	2.5	4.5	7440-22-4	Silver	INORG	0.25	mg/kg	0.15	B		9903217-12D	0.25	0.2	mg/kg	9,365.75	mg/kg
S12:SL:GND1-01	SL	2.5	4.5	7440-66-6	Zinc	INORG	157.	mg/kg	0.98			9903217-12D	157	78.05	mg/kg	100,000.	mg/kg
S12:SL:GND2-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**4.4**	**mg/kg**	0.5			9903217-11D	4.4	9.74	mg/kg	2.99	mg/kg
S12:SL:GND2-01	SL	2.5	4.5	7782-49-2	Selenium	INORG	1.3	mg/kg	0.59			9903217-11D	1.3	0.97	mg/kg	9,365.75	mg/kg
S12:SL:GND3-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**8.**	**mg/kg**	0.52			9903217-10D	8.0	9.74	mg/kg	2.99	mg/kg
S12:SL:GND3-01	SL	2.5	4.5	7440-39-3	Barium	INORG	150.	mg/kg	0.09			9903217-10D	150	103.05	mg/kg	100,000.	mg/kg
S12:SL:GND3-01	SL	2.5	4.5	7440-41-7	Beryllium	INORG	1.3	mg/kg	0.04			9903217-10D	1.3	1	mg/kg	3,400.	mg/kg
S12:SL:GND3-01	SL	2.5	4.5	7440-43-9	Cadmium	INORG	1.1	mg/kg	0.07			9903217-10D	1.1	0.94	mg/kg	934.3	mg/kg
S12:SL:GND3-01	SL	2.5	4.5	7440-47-3	Chromium	INORG	33.3	mg/kg	0.11			9903217-10D	33.3	28.34	mg/kg	64.05	mg/kg
S12:SL:GND3-01	SL	2.5	4.5	7440-48-4	Cobalt	INORG	12.7	mg/kg	0.15	*	J	9903217-10D	12.7	10.22	mg/kg	28,620.2	mg/kg
S12:SL:GND3-01	SL	2.5	4.5	7440-50-8	Copper	INORG	28.4	mg/kg	0.11			9903217-10D	28.4	25.19	mg/kg	69,569.94	mg/kg
S12:SL:GND3-01	SL	2.5	4.5	7440-02-0	Nickel	INORG	37.3	mg/kg	0.24			9903217-10D	37.3	29.55	mg/kg	37,461.94	mg/kg
S12:SL:GND3-01	SL	2.5	4.5	7440-22-4	Silver	INORG	0.21	mg/kg	0.15	B		9903217-10D	0.21	0.2	mg/kg	9,365.75	mg/kg
S12:SL:GND3-01	SL	2.5	4.5	7440-62-2	Vanadium	INORG	45.5	mg/kg	0.2			9903217-10D	45.5	42.48	mg/kg	13,112.	mg/kg
S12:SL:GND3-01	SL	2.5	4.5	7440-66-6	Zinc	INORG	89.3	mg/kg	1.			9903217-10D	89.3	78.05	mg/kg	100,000.	mg/kg
S12:SL:GNE1-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**7.1**	**mg/kg**	0.54			9903217-06D	7.1	9.74	mg/kg	2.99	mg/kg
S12:SL:GNE1-01	SL	2.5	4.5	7440-48-4	Cobalt	INORG	11.2	mg/kg	0.16	*	J	9903217-06D	11.2	10.22	mg/kg	28,620.2	mg/kg
S12:SL:GNE1-01	SL	2.5	4.5	7440-50-8	Copper	INORG	25.5	mg/kg	0.11			9903217-06D	25.5	25.19	mg/kg	69,569.94	mg/kg
S12:SL:GNE2-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**8.8**	**mg/kg**	0.39			9903217-07D	8.8	9.74	mg/kg	2.99	mg/kg
S12:SL:GNE3-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**9.4**	**mg/kg**	0.53			9903217-08D	9.4	9.74	mg/kg	2.99	mg/kg
S12:SL:GNE3-01	SL	2.5	4.5	7440-39-3	Barium	INORG	109.	mg/kg	0.09			9903217-08D	109	103.05	mg/kg	100,000.	mg/kg
S12:SL:GNE3-01	SL	2.5	4.5	7440-41-7	Beryllium	INORG	1.	mg/kg	0.04			9903217-08D	1.0	1	mg/kg	3,400.	mg/kg
S12:SL:GNE3-01	SL	2.5	4.5	7440-47-3	Chromium	INORG	29.8	mg/kg	0.11			9903217-08D	29.8	28.34	mg/kg	64.05	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Depth Depth (ft)	Error Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Result Unit	Reporting Limit	Lab Flag	QC Flag	Lab Sample ID	Original Result	Average Background	BKG Unit	Region 9 PRG Standard	PRG Unit
S12:SL:GNE3-01	SL	2.5	4.5	7440-50-8	Copper	INORG	30.3	mg/kg	0.11			9903217-08D	30.3	25.19	mg/kg	69,569.94	mg/kg
S12:SL:GNE3-01	SL	2.5	4.5	7440-22-4	Silver	INORG	0.33	mg/kg	0.15	B		9903217-08D	0.33	0.2	mg/kg	9,365.75	mg/kg
S12:SL:GNF1-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**9.3**	**mg/kg**	0.44			9903217-05D	9.3	9.74	mg/kg	2.99	mg/kg
S12:SL:GNF1-01	SL	2.5	4.5	7440-39-3	Barium	INORG	126.	mg/kg	0.07			9903217-05D	126	103.05	mg/kg	100,000.	mg/kg
S12:SL:GNF1-01	SL	2.5	4.5	7440-41-7	Beryllium	INORG	1.2	mg/kg	0.04			9903217-05D	1.2	1	mg/kg	3,400.	mg/kg
S12:SL:GNF1-01	SL	2.5	4.5	7440-47-3	Chromium	INORG	35.4	mg/kg	0.09			9903217-05D	35.4	28.34	mg/kg	64.05	mg/kg
S12:SL:GNF1-01	SL	2.5	4.5	7440-48-4	Cobalt	INORG	13.1	mg/kg	0.13	*	J	9903217-05D	13.1	10.22	mg/kg	28,620.2	mg/kg
S12:SL:GNF1-01	SL	2.5	4.5	7440-50-8	Copper	INORG	25.4	mg/kg	0.09			9903217-05D	25.4	25.19	mg/kg	69,569.94	mg/kg
S12:SL:GNF1-01	SL	2.5	4.5	7440-02-0	Nickel	INORG	32.4	mg/kg	0.2			9903217-05D	32.4	29.55	mg/kg	37,461.94	mg/kg
S12:SL:GNF1-01	SL	2.5	4.5	7440-22-4	Silver	INORG	0.25	mg/kg	0.13	B		9903217-05D	0.25	0.2	mg/kg	9,365.75	mg/kg
S12:SL:GNF1-01	SL	2.5	4.5	7440-62-2	Vanadium	INORG	48.6	mg/kg	0.16			9903217-05D	48.6	42.48	mg/kg	13,112.	mg/kg
S12:SL:GNF1-01	SL	2.5	4.5	7440-66-6	Zinc	INORG	88.2	mg/kg	0.85			9903217-05D	88.2	78.05	mg/kg	100,000.	mg/kg
S12:SL:GNF2-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**5.3**	**mg/kg**	0.44			9903217-02D	5.3	9.74	mg/kg	2.99	mg/kg
S12:SL:GNF2-01	SL	2.5	4.5	7439-97-6	Mercury	INORG	0.43	mg/kg	0.02	N	J	9903217-02D	0.43	0.032	mg/kg	510.	mg/kg
S12:SL:GNF2-02	SL	6.5	8.5	7440-38-2	Arsenic	INORG	**9.2**	**mg/kg**	0.55			9903217-03A	9.2	9.74	mg/kg	2.99	mg/kg
S12:SL:GNF2-02	SL	6.5	8.5	7440-39-3	Barium	INORG	147.	mg/kg	0.09			9903217-03A	147	103.05	mg/kg	100,000.	mg/kg
S12:SL:GNF2-02	SL	6.5	8.5	7440-41-7	Beryllium	INORG	1.2	mg/kg	0.05			9903217-03A	1.2	1	mg/kg	3,400.	mg/kg
S12:SL:GNF2-02	SL	6.5	8.5	7440-47-3	Chromium	INORG	33.4	mg/kg	0.11			9903217-03A	33.4	28.34	mg/kg	64.05	mg/kg
S12:SL:GNF2-02	SL	6.5	8.5	7440-48-4	Cobalt	INORG	12.9	mg/kg	0.16	*	J	9903217-03A	12.9	10.22	mg/kg	28,620.2	mg/kg
S12:SL:GNF2-02	SL	6.5	8.5	7440-50-8	Copper	INORG	27.	mg/kg	0.11			9903217-03A	27.0	25.19	mg/kg	69,569.94	mg/kg
S12:SL:GNF2-02	SL	6.5	8.5	7440-02-0	Nickel	INORG	33.1	mg/kg	0.25			9903217-03A	33.1	29.55	mg/kg	37,461.94	mg/kg
S12:SL:GNF2-02	SL	6.5	8.5	7440-22-4	Silver	INORG	0.26	mg/kg	0.16	B		9903217-03A	0.26	0.2	mg/kg	9,365.75	mg/kg
S12:SL:GNF2-02	SL	6.5	8.5	7440-62-2	Vanadium	INORG	50.6	mg/kg	0.2			9903217-03A	50.6	42.48	mg/kg	13,112	mg/kg
S12:SL:GNF2-02	SL	6.5	8.5	7440-66-6	Zinc	INORG	78.9	mg/kg	1.1			9903217-03A	78.9	78.05	mg/kg	100,000.	mg/kg
S12:SL:GNF2-03	SL	8.5	10.5	7440-38-2	Arsenic	INORG	**16.3**	**mg/kg**	0.58			9903217-04D	16.3	9.74	mg/kg	2.99	mg/kg
S12:SL:GNF2-03	SL	8.5	10.5	7440-39-3	Barium	INORG	145.	mg/kg	0.1			9903217-04D	145	103.05	mg/kg	100,000.	mg/kg
S12:SL:GNF2-03	SL	8.5	10.5	7440-41-7	Beryllium	INORG	1.3	mg/kg	0.05			9903217-04D	1.3	1	mg/kg	3,400.	mg/kg
S12:SL:GNF2-03	SL	8.5	10.5	7440-43-9	Cadmium	INORG	1.3	mg/kg	0.07			9903217-04D	1.3	0.94	mg/kg	934.3	mg/kg
S12:SL:GNF2-03	SL	8.5	10.5	7440-47-3	Chromium	INORG	34.6	mg/kg	0.12			9903217-04D	34.6	28.34	mg/kg	64.05	mg/kg
S12:SL:GNF2-03	SL	8.5	10.5	7440-48-4	Cobalt	INORG	17.6	mg/kg	0.17	*	J	9903217-04D	17.6	10.22	mg/kg	28,620.2	mg/kg
S12:SL:GNF2-03	SL	8.5	10.5	7440-50-8	Copper	INORG	40.3	mg/kg	0.12			9903217-04D	40.3	25.19	mg/kg	69,569.94	mg/kg
S12:SL:GNF2-03	SL	8.5	10.5	7440-02-0	Nickel	INORG	50.6	mg/kg	0.27			9903217-04D	50.6	29.55	mg/kg	37,461.94	mg/kg
S12:SL:GNF2-03	SL	8.5	10.5	7782-49-2	Selenium	INORG	1.3	mg/kg	0.68			9903217-04D	1.3	0.97	mg/kg	9,365.75	mg/kg
S12:SL:GNF2-03	SL	8.5	10.5	7440-22-4	Silver	INORG	0.33	mg/kg	0.17	B		9903217-04D	0.33	0.2	mg/kg	9,365.75	mg/kg
S12:SL:GNF2-03	SL	8.5	10.5	7440-62-2	Vanadium	INORG	56.1	mg/kg	0.22			9903217-04D	56.1	42.48	mg/kg	13,112.	mg/kg
S12:SL:GNF2-03	SL	8.5	10.5	7440-66-6	Zinc	INORG	81.8	mg/kg	1.1			9903217-04D	81.8	78.05	mg/kg	100,000.	mg/kg
S12:SL:GNF3-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**16.7**	**mg/kg**	0.46			9903217-01D	16.7	9.74	mg/kg	2.99	mg/kg
S12:SL:GNF3-01	SL	2.5	4.5	7440-39-3	Barium	INORG	150.	mg/kg	0.08			9903217-01D	150	103.05	mg/kg	100,000	mg/kg
S12:SL:GNF3-01	SL	2.5	4.5	7440-41-7	Beryllium	INORG	1.2	mg/kg	0.04			9903217-01D	1.2	1	mg/kg	3,400.	mg/kg
S12:SL:GNF3-01	SL	2.5	4.5	7440-43-9	Cadmium	INORG	1.3	mg/kg	0.06			9903217-01D	1.3	0.94	mg/kg	934.3	mg/kg
S12:SL:GNF3-01	SL	2.5	4.5	7440-47-3	Chromium	INORG	32.9	mg/kg	0.1			9903217-01D	32.9	28.34	mg/kg	64.05	mg/kg
S12:SL:GNF3-01	SL	2.5	4.5	7440-48-4	Cobalt	INORG	16.4	mg/kg	0.13	*	J	9903217-01D	16.4	10.22	mg/kg	28,620.2	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Type	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Q Flag	Lab Sample ID	Original Result	Average Background	Bkg Unit	Region 9 PRG Standard	PRG Unit
S12:SL:GNF3-01	SL	2.5	4.5	7440-50-8	Copper	INORG	29.4	mg/kg	0.1			9903217-01D	29.4	25.19	mg/kg	69,569.94	mg/kg
S12:SL:GNF3-01	SL	2.5	4.5	7439-97-6	Mercury	INORG	0.42	mg/kg	0.02	N	J	9903217-01D	0.42	0.032	mg/kg	510.	mg/kg
S12:SL:GNF3-01	SL	2.5	4.5	7440-02-0	Nickel	INORG	47.9	mg/kg	0.21			9903217-01D	47.9	29.55	mg/kg	37,461.94	mg/kg
S12:SL:GNF3-01	SL	2.5	4.5	7440-22-4	Silver	INORG	0.2	mg/kg	0.13	B		9903217-01D	0.20	0.2	mg/kg	9,365.75	mg/kg
S12:SL:GNF3-01	SL	2.5	4.5	7440-28-0	Thallium	INORG	1.2	mg/kg	0.94	B		9903217-01D	1.2	1.1	mg/kg	120.	mg/kg
S12:SL:GNF3-01	SL	2.5	4.5	7440-62-2	Vanadium	INORG	50.4	mg/kg	0.17			9903217-01D	50.4	42.48	mg/kg	13,112.	mg/kg
S13:SL:GNA1-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**6.9**	**mg/kg**	0.47			9903237-07D	6.9	9.74	mg/kg	2.99	mg/kg
S13:SL:GNA2-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**5.6**	**mg/kg**	0.42			9903237-15D	5.6	9.74	mg/kg	2.99	mg/kg
S13:SL:GNA3-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**21.8**	**mg/kg**	0.59			9903237-01D	21.8	9.74	mg/kg	2.99	mg/kg
S13:SL:GNA3-01	SL	2.5	4.5	7440-39-3	Barium	INORG	162.	mg/kg	0.1			9903237-01D	162	103.05	mg/kg	100,000.	mg/kg
S13:SL:GNA3-01	SL	2.5	4.5	7440-43-9	Cadmium	INORG	2.	mg/kg	0.07			9903237-01D	2.0	0.94	mg/kg	934.3	mg/kg
S13:SL:GNA3-01	SL	2.5	4.5	7440-48-4	Cobalt	INORG	23.	mg/kg	0.17			9903237-01D	23.0	10.22	mg/kg	28,620.2	mg/kg
S13:SL:GNA3-01	SL	2.5	4.5	7440-50-8	Copper	INORG	42.7	mg/kg	0.12			9903237-01D	42.7	25.19	mg/kg	69,569.94	mg/kg
S13:SL:GNA3-01	SL	2.5	4.5	7440-02-0	Nickel	INORG	92.8	mg/kg	0.27			9903237-01D	92.8	29.55	mg/kg	37,461.94	mg/kg
S13:SL:GNA3-01	SL	2.5	4.5	7440-22-4	Silver	INORG	0.46	mg/kg	0.17	B		9903237-01D	0.46	0.2	mg/kg	9,365.75	mg/kg
S13:SL:GNA3-01	SL	2.5	4.5	7440-31-5	Tin	INORG	1.3	mg/kg	0.98	B		9903237-01D	1.3	1.18	mg/kg	100,000.	mg/kg
S13:SL:GNA3-01	SL	2.5	4.5	7440-66-6	Zinc	INORG	79.7	mg/kg	1.2			9903237-01D	79.7	78.05	mg/kg	100,000.	mg/kg
S13:SL:GNA4-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**16.**	**mg/kg**	0.5			9903237-06D	16.0	9.74	mg/kg	2.99	mg/kg
S13:SL:GNA4-01	SL	2.5	4.5	7440-48-4	Cobalt	INORG	16.2	mg/kg	0.15			9903237-06D	16.2	10.22	mg/kg	28,620.2	mg/kg
S13:SL:GNA4-01	SL	2.5	4.5	7440-50-8	Copper	INORG	35.	mg/kg	0.1			9903237-06D	35.0	25.19	mg/kg	69,569.94	mg/kg
S13:SL:GNA4-01	SL	2.5	4.5	7439-97-6	Mercury	INORG	0.04	mg/kg	0.02			9903237-06D	0.04	0.032	mg/kg	510.	mg/kg
S13:SL:GNA4-01	SL	2.5	4.5	7440-02-0	Nickel	INORG	44.8	mg/kg	0.23			9903237-06D	44.8	29.55	mg/kg	37,461.94	mg/kg
S13:SL:GNA4-01	SL	2.5	4.5	7440-22-4	Silver	INORG	0.26	mg/kg	0.15	B		9903237-06D	0.26	0.2	mg/kg	9,365.75	mg/kg
S13:SL:GNA4-01	SL	2.5	4.5	7440-66-6	Zinc	INORG	79.2	mg/kg	0.98			9903237-06D	79.2	78.05	mg/kg	100,000.	mg/kg
S13:SL:GNB1-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**9.8**	**mg/kg**	0.45			9903237-09D	9.8	9.74	mg/kg	2.99	mg/kg
S13:SL:GNB1-01	SL	2.5	4.5	7440-66-6	Zinc	INORG	155.	mg/kg	0.89			9903237-09D	155	78.05	mg/kg	100,000.	mg/kg
S13:SL:GNB2-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**10.3**	**mg/kg**	0.55			9903237-14D	10.3	9.74	mg/kg	2.99	mg/kg
S13:SL:GNB2-01	SL	2.5	4.5	7440-39-3	Barium	INORG	126.	mg/kg	0.09			9903237-14D	126	103.05	mg/kg	100,000.	mg/kg
S13:SL:GNB2-01	SL	2.5	4.5	7440-41-7	Beryllium	INORG	1.	mg/kg	0.05			9903237-14D	1.0	1	mg/kg	3,400.	mg/kg
S13:SL:GNB2-01	SL	2.5	4.5	7440-48-4	Cobalt	INORG	24.3	mg/kg	0.16			9903237-14D	24.3	10.22	mg/kg	28,620.2	mg/kg
S13:SL:GNB2-01	SL	2.5	4.5	7440-50-8	Copper	INORG	29.	mg/kg	0.11			9903237-14D	29.0	25.19	mg/kg	69,569.94	mg/kg
S13:SL:GNB2-01	SL	2.5	4.5	7440-02-0	Nickel	INORG	46.5	mg/kg	0.25			9903237-14D	46.5	29.55	mg/kg	37,461.94	mg/kg
S13:SL:GNB3-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**15.7**	**mg/kg**	0.49			9903237-02D	15.7	9.74	mg/kg	2.99	mg/kg
S13:SL:GNB3-01	SL	2.5	4.5	7440-48-4	Cobalt	INORG	14.9	mg/kg	0.14			9903237-02D	14.9	10.22	mg/kg	28,620.2	mg/kg
S13:SL:GNB3-01	SL	2.5	4.5	7440-50-8	Copper	INORG	30.7	mg/kg	0.1			9903237-02D	30.7	25.19	mg/kg	69,569.94	mg/kg
S13:SL:GNB3-01	SL	2.5	4.5	7440-02-0	Nickel	INORG	38.	mg/kg	0.22			9903237-02D	38.0	29.55	mg/kg	37,461.94	mg/kg
S13:SL:GNB4-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**14.8**	**mg/kg**	0.5			9903237-05D	14.8	9.74	mg/kg	2.99	mg/kg
S13:SL:GNB4-01	SL	2.5	4.5	7440-39-3	Barium	INORG	117.	mg/kg	0.08			9903237-05D	117	103.05	mg/kg	100,000.	mg/kg
S13:SL:GNB4-01	SL	2.5	4.5	7440-48-4	Cobalt	INORG	16.8	mg/kg	0.15			9903237-05D	16.8	10.22	mg/kg	28,620.2	mg/kg
S13:SL:GNB4-01	SL	2.5	4.5	7440-50-8	Copper	INORG	32.4	mg/kg	0.11			9903237-05D	32.4	25.19	mg/kg	69,569.94	mg/kg
S13:SL:GNB4-01	SL	2.5	4.5	7439-97-6	Mercury	INORG	0.04	mg/kg	0.02	B		9903237-05D	0.04	0.032	mg/kg	510.	mg/kg
S13:SL:GNB4-01	SL	2.5	4.5	7440-02-0	Nickel	INORG	47.3	mg/kg	0.23			9903237-05D	47.3	29.55	mg/kg	37,461.94	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Lab Flag	Lab Sample ID	Original Result	Average Background	Bkg Unit	Region 9 PRG Standard	PRG Unit
S13:SL:GNB4-01	SL	2.5	4.5	7440-22-4	Silver	INORG	0.2	mg/kg	0.15	B		9903237-05D	0.20	0.2	mg/kg	9,365.75	mg/kg
S13:SL:GNB4-01	SL	2.5	4.5	7440-31-5	Tin	INORG	1.2	mg/kg	0.84	B		9903237-05D	1.2	1.18	mg/kg	100,000.	mg/kg
S13:SL:GNC1-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**6.7**	**mg/kg**	0.51			9903237-10D	6.7	9.74	mg/kg	2.99	mg/kg
S13:SL:GNC1-01	SL	2.5	4.5	7439-97-6	Mercury	INORG	0.04	mg/kg	0.02	B		9903237-10D	0.04	0.032	mg/kg	510.	mg/kg
S13:SL:GNC2-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**7.7**	**mg/kg**	0.54			9903237-11D	7.7	9.74	mg/kg	2.99	mg/kg
S13:SL:GNC3-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**10.7**	**mg/kg**	0.49			9903237-03D	10.7	9.74	mg/kg	2.99	mg/kg
S13:SL:GNC3-01	SL	2.5	4.5	7440-48-4	Cobalt	INORG	16.5	mg/kg	0.14			9903237-03D	16.5	10.22	mg/kg	28,620.2	mg/kg
S13:SL:GNC3-01	SL	2.5	4.5	7440-50-8	Copper	INORG	25.7	mg/kg	0.1			9903237-03D	25.7	25.19	mg/kg	69,569.94	mg/kg
S13:SL:GNC4-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**12.3**	**mg/kg**	0.49			9903237-04D	12.3	9.74	mg/kg	2.99	mg/kg
S13:SL:GNC4-01	SL	2.5	4.5	7440-22-4	Silver	INORG	0.2	mg/kg	0.14	B		9903237-04D	0.20	0.2	mg/kg	9,365.75	mg/kg
S14:SL:GNA1-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**6.**	**mg/kg**	0.55			9903149-01D	6.0	9.74	mg/kg	2.99	mg/kg
S14:SL:GNA1-01	SL	2.5	4.5	7440-39-3	Barium	INORG	168.	mg/kg	0.09			9903149-01D	168	103.05	mg/kg	100,000	mg/kg
S14:SL:GNA1-01	SL	2.5	4.5	7440-48-4	Cobalt	INORG	13.5	mg/kg	0.16			9903149-01D	13.5	10.22	mg/kg	28,620.2	mg/kg
S14:SL:GNA1-01	SL	2.5	4.5	7440-02-0	Nickel	INORG	34.8	mg/kg	0.25			9903149-01D	34.8	29.55	mg/kg	37,461.94	mg/kg
S14:SL:GNA1-02	SL	17.	19.	7440-38-2	Arsenic	INORG	**8.1**	**mg/kg**	0.59			9903149-02D	8.1	9.74	mg/kg	2.99	mg/kg
S14:SL:GNA1-02	SL	17.	19.	7440-48-4	Cobalt	INORG	13.1	mg/kg	0.17			9903149-02D	13.1	10.22	mg/kg	28,620.2	mg/kg
S14:SL:GNA1-02	SL	17.	19.	7440-50-8	Copper	INORG	25.2	mg/kg	0.12			9903149-02D	25.2	25.19	mg/kg	69,569.94	mg/kg
S14:SL:GNA1-02	SL	17.	19.	7440-02-0	Nickel	INORG	33.8	mg/kg	0.27			9903149-02D	33.8	29.55	mg/kg	37,461.94	mg/kg
S14:SL:GNA1-02	SL	17.	19.	7782-49-2	Selenium	INORG	1.2	mg/kg	0.69	B		9903149-02D	1.2	0.97	mg/kg	9,365.75	mg/kg
S14:SL:GNA2-01	SL	2.5	4.5	7440-38-2	Arsenic	INORG	**12.7**	**mg/kg**	0.57			9903182-01A	12.7	9.74	mg/kg	2.99	mg/kg
S14:SL:GNA2-01	SL	2.5	4.5	7440-50-8	Copper	INORG	27.1	mg/kg	0.12			9903182-01A	27.1	25.19	mg/kg	69,569.94	mg/kg
S14:SL:GNA2-01	SL	2.5	4.5	7782-49-2	Selenium	INORG	1.3	mg/kg	0.67			9903182-01A	1.3	0.97	mg/kg	9,365.75	mg/kg
S14:SL:GNA2-01	SL	2.5	4.5	7440-66-6	Zinc	INORG	78.4	mg/kg	1.1			9903182-01A	78.4	78.05	mg/kg	100,000.	mg/kg
S14:SL:GNA2-02	SL	18.5	20.5	7440-38-2	Arsenic	INORG	**12.5**	**mg/kg**	0.61			9903182-02A	12.5	9.74	mg/kg	2.99	mg/kg
S14:SL:GNA2-02	SL	18.5	20.5	7440-48-4	Cobalt	INORG	11.6	mg/kg	0.18			9903182-02A	11.6	10.22	mg/kg	28,620.2	mg/kg
S14:SL:GNA2-02	SL	18.5	20.5	7440-50-8	Copper	INORG	27.9	mg/kg	0.13			9903182-02A	27.9	25.19	mg/kg	69,569.94	mg/kg
S14:SL:GNA2-02	SL	18.5	20.5	7782-49-2	Selenium	INORG	1.2	mg/kg	0.71	B		9903182-02A	1.2	0.97	mg/kg	9,365.75	mg/kg
S14:SL:GNB1-01	SL	2.5	4.5	7440-39-3	Barium	INORG	172.	mg/kg	0.09	*	J	9903206-04D	172	103.05	mg/kg	100,000.	mg/kg
S14:SL:GNB1-01	SL	2.5	4.5	7440-41-7	Beryllium	INORG	1.2	mg/kg	0.05			9903206-04D	1.2	1	mg/kg	3,400.	mg/kg
S14:SL:GNB1-01	SL	2.5	4.5	7440-47-3	Chromium	INORG	33.2	mg/kg	0.12			9903206-04D	33.2	28.34	mg/kg	64.05	mg/kg
S14:SL:GNB1-01	SL	2.5	4.5	7440-48-4	Cobalt	INORG	37.8	mg/kg	0.17	*	J	9903206-04D	37.8	10.22	mg/kg	28,620.2	mg/kg
S14:SL:GNB1-01	SL	2.5	4.5	7440-50-8	Copper	INORG	38.5	mg/kg	0.12	*		9903206-04D	38.5	25.19	mg/kg	69,569.94	mg/kg
S14:SL:GNB1-01	SL	2.5	4.5	7440-02-0	Nickel	INORG	78.8	mg/kg	0.26	*		9903206-04D	78.8	29.55	mg/kg	37,461.94	mg/kg
S14:SL:GNB1-01	SL	2.5	4.5	7782-49-2	Selenium	INORG	1.3	mg/kg	0.66			9903206-04D	1.3	0.97	mg/kg	9,365.75	mg/kg
S14:SL:GNB1-01	SL	2.5	4.5	7440-22-4	Silver	INORG	0.26	mg/kg	0.17	B		9903206-04D	0.26	0.2	mg/kg	9,365.75	mg/kg
S14:SL:GNB1-01	SL	2.5	4.5	7440-62-2	Vanadium	INORG	52.6	mg/kg	0.21	*		9903206-04D	52.6	42.48	mg/kg	13,112.	mg/kg
S14:SL:GNB1-01	SL	2.5	4.5	7440-66-6	Zinc	INORG	92.	mg/kg	1.1			9903206-04D	92.0	78.05	mg/kg	100,000.	mg/kg
S14:SL:GNB2-01	SL	2.5	4.5	7440-48-4	Cobalt	INORG	11.5	mg/kg	0.16	*	J	9903206-02D	11.5	10.22	mg/kg	28,620.2	mg/kg
S14:SL:GNB2-01	SL	2.5	4.5	7439-97-6	Mercury	INORG	0.04	mg/kg	0.02			9903206-02D	0.04	0.032	mg/kg	510.	mg/kg
S14:SL:GNC1-01	SL	2.5	4.5	7440-39-3	Barium	INORG	139.	mg/kg	0.1	*	J	9903206-05D	139	103.05	mg/kg	100,000.	mg/kg
S14:SL:GNC1-01	SL	2.5	4.5	7440-41-7	Beryllium	INORG	1.1	mg/kg	0.05			9903206-05D	1.1	1	mg/kg	3,400.	mg/kg
S14:SL:GNC1-01	SL	2.5	4.5	7440-47-3	Chromium	INORG	33.8	mg/kg	0.13			9903206-05D	33.8	28.34	mg/kg	64.05	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Lab Qual	Lab Sample ID	Original Result	Average Background	Bkg Unit	Region 9 PRG Standard	PRG Unit
S14:SL:GNC1-01	SL	2.5	4.5	7440-48-4	Cobalt	INORG	13.5	mg/kg	0.18	*	J	9903206-05D	13.5	10.22	mg/kg	28,620.2	mg/kg
S14:SL:GNC1-01	SL	2.5	4.5	7439-97-6	Mercury	INORG	0.06	mg/kg	0.02			9903206-05D	0.06	0.032	mg/kg	510.	mg/kg
S14:SL:GNC1-01	SL	2.5	4.5	7440-02-0	Nickel	INORG	33.8	mg/kg	0.28	*		9903206-05D	33.8	29.55	mg/kg	37,461.94	mg/kg
S14:SL:GNC1-01	SL	2.5	4.5	7782-49-2	Selenium	INORG	1.4	mg/kg	0.71			9903206-05D	1.4	0.97	mg/kg	9,365.75	mg/kg
S14:SL:GNC1-01	SL	2.5	4.5	7440-62-2	Vanadium	INORG	48.2	mg/kg	0.23	*		9903206-05D	48.2	42.48	mg/kg	13,112.	mg/kg
S14:SL:GNC1-01	SL	2.5	4.5	7440-66-6	Zinc	INORG	91.1	mg/kg	1.2			9903206-05D	91.1	78.05	mg/kg	100,000.	mg/kg
S14:SL:GNC2-01	SL	2.5	4.5	7440-39-3	Barium	INORG	159.	mg/kg	0.08	*	J	9903206-01D	159	103.05	mg/kg	100,000.	mg/kg
S14:SL:GNC2-01	SL	2.5	4.5	7440-47-3	Chromium	INORG	28.5	mg/kg	0.1			9903206-01D	28.5	28.34	mg/kg	64.05	mg/kg
S14:SL:GNC2-01	SL	2.5	4.5	7440-48-4	Cobalt	INORG	12.8	mg/kg	0.14	*	J	9903206-01D	12.8	10.22	mg/kg	28,620.2	mg/kg
S14:SL:GNC2-01	SL	2.5	4.5	7440-50-8	Copper	INORG	31.4	mg/kg	0.1	*		9903206-01D	31.4	25.19	mg/kg	69,569.94	mg/kg
S14:SL:GNC2-01	SL	2.5	4.5	7439-97-6	Mercury	INORG	0.05	mg/kg	0.02			9903206-01D	0.05	0.032	mg/kg	510.	mg/kg
S14:SL:GNC2-01	SL	2.5	4.5	7440-02-0	Nickel	INORG	35.5	mg/kg	0.22	*		9903206-01D	35.5	29.55	mg/kg	37,461.94	mg/kg
S14:SL:GNC2-01	SL	2.5	4.5	7440-62-2	Vanadium	INORG	43.1	mg/kg	0.18	*		9903206-01D	43.1	42.48	mg/kg	13,112.	mg/kg
S14:SL:GND1-01	SL	2.5	4.5	7440-39-3	Barium	INORG	127.	mg/kg	0.08			9903189-01A	127	103.05	mg/kg	100,000.	mg/kg
S14:SL:GND1-01	SL	2.5	4.5	7440-48-4	Cobalt	INORG	12.1	mg/kg	0.14			9903189-01A	12.1	10.22	mg/kg	28,620.2	mg/kg
S14:SL:GND1-01	SL	2.5	4.5	7440-50-8	Copper	INORG	26.1	mg/kg	0.1			9903189-01A	26.1	25.19	mg/kg	69,569.94	mg/kg
S14:SL:GND1-01	SL	2.5	4.5	7440-02-0	Nickel	INORG	32.3	mg/kg	0.22			9903189-01A	32.3	29.55	mg/kg	37,461.94	mg/kg
S14:SL:GND1-01	SL	2.5	4.5	7782-49-2	Selenium	INORG	0.97	mg/kg	0.55	B		9903189-01A	0.97	0.97	mg/kg	9,365.75	mg/kg
S14:SL:GND1-02	SL	32.	34.	7440-48-4	Cobalt	INORG	11.1	mg/kg	0.15			9903189-02A	11.1	10.22	mg/kg	28,620.2	mg/kg
S14:SL:GND1-02	SL	32.	34.	7440-50-8	Copper	INORG	26.8	mg/kg	0.11			9903189-02A	26.8	25.19	mg/kg	69,569.94	mg/kg
S14:SL:GND1-02	SL	32.	34.	7440-22-4	Silver	INORG	0.26	mg/kg	0.15	B		9903189-02A	0.26	0.2	mg/kg	9,365.75	mg/kg
S15:SL:GNA1-01	SL	2.	4.	7440-38-2	Arsenic	INORG	**10.8**	**mg/kg**	0.47			9903211-12D	10.8	9.74	mg/kg	2.99	mg/kg
S15:SL:GNA1-01	SL	2.	4.	7440-39-3	Barium	INORG	168.	mg/kg	0.08			9903211-12D	168	103.05	mg/kg	100,000.	mg/kg
S15:SL:GNA1-01	SL	2.	4.	7440-48-4	Cobalt	INORG	18.3	mg/kg	0.14	*	J	9903211-12D	18.3	10.22	mg/kg	28,620.2	mg/kg
S15:SL:GNA1-01	SL	2.	4.	7440-50-8	Copper	INORG	28.6	mg/kg	0.1			9903211-12D	28.6	25.19	mg/kg	69,569.94	mg/kg
S15:SL:GNA1-01	SL	2.	4.	7440-02-0	Nickel	INORG	39.6	mg/kg	0.22			9903211-12D	39.6	29.55	mg/kg	37,461.94	mg/kg
S15:SL:GNA1-01	SL	2.	4.	7440-22-4	Silver	INORG	0.25	mg/kg	0.14	B		9903211-12D	0.25	0.2	mg/kg	9,365.75	mg/kg
S15:SL:GNA1-01	SL	2.	4.	7440-31-5	Tin	INORG	1.6	mg/kg	0.79	B		9903211-12D	1.6	1.18	mg/kg	100,000.	mg/kg
S15:SL:GNA2-01	SL	2.	4.	7440-38-2	Arsenic	INORG	**15.3**	**mg/kg**	0.53			9903211-11D	15.3	9.74	mg/kg	2.99	mg/kg
S15:SL:GNA2-01	SL	2.	4.	7440-39-3	Barium	INORG	123.	mg/kg	0.09			9903211-11D	123	103.05	mg/kg	100,000.	mg/kg
S15:SL:GNA2-01	SL	2.	4.	7440-48-4	Cobalt	INORG	15.1	mg/kg	0.15	*	J	9903211-11D	15.1	10.22	mg/kg	28,620.2	mg/kg
S15:SL:GNA2-01	SL	2.	4.	7440-50-8	Copper	INORG	26.7	mg/kg	0.11			9903211-11D	26.7	25.19	mg/kg	69,569.94	mg/kg
S15:SL:GNA2-01	SL	2.	4.	7439-97-6	Mercury	INORG	0.07	mg/kg	0.02			9903211-11D	0.07	0.032	mg/kg	510.	mg/kg
S15:SL:GNA2-01	SL	2.	4.	7440-02-0	Nickel	INORG	38.	mg/kg	0.24			9903211-11D	38.0	29.55	mg/kg	37,461.94	mg/kg
S15:SL:GNA2-01	SL	2.	4.	7440-31-5	Tin	INORG	2.1	mg/kg	0.88	B		9903211-11D	2.1	1.18	mg/kg	100,000.	mg/kg
S15:SL:GNA3-01	SL	2.	4.	7440-38-2	Arsenic	INORG	**13.**	**mg/kg**	0.48			9903211-09D	13.0	9.74	mg/kg	2.99	mg/kg
S15:SL:GNA3-01	SL	2.	4.	7440-39-3	Barium	INORG	128.	mg/kg	0.08			9903211-09D	128	103.05	mg/kg	100,000.	mg/kg
S15:SL:GNA3-01	SL	2.	4.	7440-41-7	Beryllium	INORG	1.	mg/kg	0.04			9903211-09D	1.0	1	mg/kg	3,400.	mg/kg
S15:SL:GNA3-01	SL	2.	4.	7440-48-4	Cobalt	INORG	14.5	mg/kg	0.14	*	J	9903211-09D	14.5	10.22	mg/kg	28,620.2	mg/kg
S15:SL:GNA3-01	SL	2.	4.	7440-50-8	Copper	INORG	29.2	mg/kg	0.1			9903211-09D	29.2	25.19	mg/kg	69,569.94	mg/kg
S15:SL:GNA3-01	SL	2.	4.	7440-02-0	Nickel	INORG	38.	mg/kg	0.22			9903211-09D	38.0	29.55	mg/kg	37,461.94	mg/kg
S15:SL:GNA3-01	SL	2.	4.	7440-31-5	Tin	INORG	2.3	mg/kg	0.81			9903211-09D	2.3	1.18	mg/kg	100,000.	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Units	Reporting Limit	Lab Flag	Qc Flag	Lab Sample ID	Original Result	Average Background	Units	Region 9 PRG Standard	PRG Unit
S15:SL:GNA3-01	SL	2.	4.	7440-62-2	Vanadium	INORG	47.4	mg/kg	0.18			9903211-09D	47.4	42.48	mg/kg	13,112.	mg/kg
S15:SL:GNA4-01	SL	2.	4.	7440-38-2	Arsenic	INORG	**5.2**	**mg/kg**	0.59			9903211-07D	5.2	9.74	mg/kg	2.99	mg/kg
S15:SL:GNA4-01	SL	2.	4.	7440-48-4	Cobalt	INORG	13.4	mg/kg	0.17	*	J	9903211-07D	13.4	10.22	mg/kg	28,620.2	mg/kg
S15:SL:GNA4-01	SL	2.	4.	7440-31-5	Tin	INORG	2.2	mg/kg	0.99	B		9903211-07D	2.2	1.18	mg/kg	100,000.	mg/kg
S15:SL:GNB1-01	SL	2.	4.	7440-38-2	Arsenic	INORG	**4.3**	**mg/kg**	0.55			9903211-15D	4.3	9.74	mg/kg	2.99	mg/kg
S15:SL:GNB1-01	SL	2.	4.	7440-39-3	Barium	INORG	145.	mg/kg	0.09			9903211-15D	145	103.05	mg/kg	100,000.	mg/kg
S15:SL:GNB1-01	SL	2.	4.	7440-41-7	Beryllium	INORG	1.	mg/kg	0.05			9903211-15D	1.0	1	mg/kg	3,400.	mg/kg
S15:SL:GNB1-01	SL	2.	4.	7440-47-3	Chromium	INORG	29.1	mg/kg	0.12			9903211-15D	29.1	28.34	mg/kg	64.05	mg/kg
S15:SL:GNB1-01	SL	2.	4.	7782-49-2	Selenium	INORG	1.	mg/kg	0.65	B		9903211-15D	1.0	0.97	mg/kg	9,365.75	mg/kg
S15:SL:GNB1-01	SL	2.	4.	7440-31-5	Tin	INORG	2.1	mg/kg	0.92	B		9903211-15D	2.1	1.18	mg/kg	100,000.	mg/kg
S15:SL:GNB1-01	SL	2.	4.	7440-66-6	Zinc	INORG	84.8	mg/kg	1.1			9903211-15D	84.8	78.05	mg/kg	100,000.	mg/kg
S15:SL:GNB2-01	SL	2.	4.	7440-36-0	Antimony	INORG	1.1	mg/kg	0.4	N	J	9903211-02D	1.1	0.67	mg/kg	749.27	mg/kg
S15:SL:GNB2-01	SL	2.	4.	7440-38-2	Arsenic	INORG	**12.**	**mg/kg**	0.5			9903211-02D	12.0	9.74	mg/kg	2.99	mg/kg
S15:SL:GNB2-01	SL	2.	4.	7440-39-3	Barium	INORG	918.	mg/kg	0.08		J	9903211-02D	918	103.05	mg/kg	100,000.	mg/kg
S15:SL:GNB2-01	SL	2.	4.	7440-43-9	Cadmium	INORG	2.4	mg/kg	0.06		J	9903211-02D	2.4	0.94	mg/kg	934.3	mg/kg
S15:SL:GNB2-01	SL	2.	4.	7440-47-3	Chromium	INORG	**98.8**	**mg/kg**	0.1		J	9903211-02D	98.8	28.34	mg/kg	64.05	mg/kg
S15:SL:GNB2-01	SL	2.	4.	7440-48-4	Cobalt	INORG	13.4	mg/kg	0.15	*	J	9903211-02D	13.4	10.22	mg/kg	28,620.2	mg/kg
S15:SL:GNB2-01	SL	2.	4.	7440-50-8	Copper	INORG	177.	mg/kg	0.1		J	9903211-02D	177	25.19	mg/kg	69,569.94	mg/kg
S15:SL:GNB2-01	SL	2.	4.	7439-92-1	Lead	INORG	288.	mg/kg	0.23	N	J	9903211-02D	288	14.14	mg/kg	1,000.	mg/kg
S15:SL:GNB2-01	SL	2.	4.	7440-02-0	Nickel	INORG	38.6	mg/kg	0.23			9903211-02D	38.6	29.55	mg/kg	37,461.94	mg/kg
S15:SL:GNB2-01	SL	2.	4.	7782-49-2	Selenium	INORG	1.5	mg/kg	0.59		J	9903211-02D	1.5	0.97	mg/kg	9,365.75	mg/kg
S15:SL:GNB2-01	SL	2.	4.	7440-22-4	Silver	INORG	0.61	mg/kg	0.15	B		9903211-02D	0.61	0.2	mg/kg	9,365.75	mg/kg
S15:SL:GNB2-01	SL	2.	4.	7440-31-5	Tin	INORG	7.4	mg/kg	0.84		J	9903211-02D	7.4	1.18	mg/kg	100,000.	mg/kg
S15:SL:GNB2-01	SL	2.	4.	7440-62-2	Vanadium	INORG	42.6	mg/kg	0.19			9903211-02D	42.6	42.48	mg/kg	13,112.	mg/kg
S15:SL:GNB2-01	SL	2.	4.	7440-66-6	Zinc	INORG	2,410.	mg/kg	0.99		J	9903211-02D	2410	78.05	mg/kg	100,000.	mg/kg
S15:SL:GNB3-01	SL	2.	4.	7440-38-2	Arsenic	INORG	**17.**	**mg/kg**	0.45			9903211-10D	17.0	9.74	mg/kg	2.99	mg/kg
S15:SL:GNB3-01	SL	2.	4.	7440-39-3	Barium	INORG	163.	mg/kg	0.07			9903211-10D	163	103.05	mg/kg	100,000.	mg/kg
S15:SL:GNB3-01	SL	2.	4.	7440-41-7	Beryllium	INORG	1.3	mg/kg	0.04			9903211-10D	1.3	1	mg/kg	3,400.	mg/kg
S15:SL:GNB3-01	SL	2.	4.	7440-47-3	Chromium	INORG	36.1	mg/kg	0.09			9903211-10D	36.1	28.34	mg/kg	64.05	mg/kg
S15:SL:GNB3-01	SL	2.	4.	7440-48-4	Cobalt	INORG	20.8	mg/kg	0.13	*	J	9903211-10D	20.8	10.22	mg/kg	28,620.2	mg/kg
S15:SL:GNB3-01	SL	2.	4.	7440-50-8	Copper	INORG	42.9	mg/kg	0.09			9903211-10D	42.9	25.19	mg/kg	69,569.94	mg/kg
S15:SL:GNB3-01	SL	2.	4.	7440-02-0	Nickel	INORG	47.7	mg/kg	0.21			9903211-10D	47.7	29.55	mg/kg	37,461.94	mg/kg
S15:SL:GNB3-01	SL	2.	4.	7440-31-5	Tin	INORG	1.6	mg/kg	0.75	B		9903211-10D	1.6	1.18	mg/kg	100,000.	mg/kg
S15:SL:GNB3-01	SL	2.	4.	7440-62-2	Vanadium	INORG	58.4	mg/kg	0.17			9903211-10D	58.4	42.48	mg/kg	13,112.	mg/kg
S15:SL:GNB3-01	SL	2.	4.	7440-66-6	Zinc	INORG	84.3	mg/kg	0.88			9903211-10D	84.3	78.05	mg/kg	100,000.	mg/kg
S15:SL:GNB4-01	SL	2.	4.	7440-38-2	Arsenic	INORG	**16.**	**mg/kg**	0.58			9903211-08D	16.0	9.74	mg/kg	2.99	mg/kg
S15:SL:GNB4-01	SL	2.	4.	7440-39-3	Barium	INORG	148.	mg/kg	0.1			9903211-08D	148	103.05	mg/kg	100,000.	mg/kg
S15:SL:GNB4-01	SL	2.	4.	7440-41-7	Beryllium	INORG	1.1	mg/kg	0.05			9903211-08D	1.1	1	mg/kg	3,400.	mg/kg
S15:SL:GNB4-01	SL	2.	4.	7440-47-3	Chromium	INORG	29.8	mg/kg	0.12			9903211-08D	29.8	28.34	mg/kg	64.05	mg/kg
S15:SL:GNB4-01	SL	2.	4.	7440-48-4	Cobalt	INORG	18.6	mg/kg	0.17	*	J	9903211-08D	18.6	10.22	mg/kg	28,620.2	mg/kg
S15:SL:GNB4-01	SL	2.	4.	7440-50-8	Copper	INORG	31.2	mg/kg	0.12			9903211-08D	31.2	25.19	mg/kg	69,569.94	mg/kg
S15:SL:GNB4-01	SL	2.	4.	7440-02-0	Nickel	INORG	40.2	mg/kg	0.27			9903211-08D	40.2	29.55	mg/kg	37,461.94	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Lab Flag	Lab Sample ID	Original Result	Average Background	Unit	Region 9 PRG Standard	PRG Unit
S15:SL:GNB4-01	SL	2.	4.	7440-22-4	Silver	INORG	0.2	mg/kg	0.17	B		9903211-08D	0.20	0.2	mg/kg	9,365.75	mg/kg
S15:SL:GNB4-01	SL	2.	4.	7440-31-5	Tin	INORG	2.	mg/kg	0.97	B		9903211-08D	2.0	1.18	mg/kg	100,000	mg/kg
S15:SL:GNB4-01	SL	2.	4.	7440-62-2	Vanadium	INORG	55.7	mg/kg	0.22			9903211-08D	55.7	42.48	mg/kg	13,112.	mg/kg
S15:SL:GNC1-01	SL	2.	4.	7440-38-2	Arsenic	INORG	**13.8**	**mg/kg**	0.43			9903211-01D	13.8	9.74	mg/kg	2.99	mg/kg
S15:SL:GNC1-01	SL	2.	4.	7440-39-3	Barium	INORG	128.	mg/kg	0.07			9903211-01D	128	103.05	mg/kg	100,000.	mg/kg
S15:SL:GNC1-01	SL	2.	4.	7440-48-4	Cobalt	INORG	10.6	mg/kg	0.13	*	J	9903211-01D	10.6	10.22	mg/kg	28,620.2	mg/kg
S15:SL:GNC1-01	SL	2.	4.	7440-02-0	Nickel	INORG	30.5	mg/kg	0.2			9903211-01D	30.5	29.55	mg/kg	37,461.94	mg/kg
S15:SL:GNC1-01	SL	2.	4.	7440-31-5	Tin	INORG	1.7	mg/kg	0.72	B		9903211-01D	1.7	1.18	mg/kg	100,000.	mg/kg
S15:SL:GNC1-01	SL	2.	4.	7440-66-6	Zinc	INORG	117.	mg/kg	0.85			9903211-01D	117	78.05	mg/kg	100,000.	mg/kg
S15:SL:GNC2-01	SL	2.	4.	7440-38-2	Arsenic	INORG	**8.6**	**mg/kg**	0.49			9903211-04D	8.6	9.74	mg/kg	2.99	mg/kg
S15:SL:GNC2-01	SL	2.	4.	7440-48-4	Cobalt	INORG	10.6	mg/kg	0.14	*	J	9903211-04D	10.6	10.22	mg/kg	28,620.2	mg/kg
S15:SL:GNC2-01	SL	2.	4.	7440-31-5	Tin	INORG	2.3	mg/kg	0.81		J	9903211-04D	2.3	1.18	mg/kg	100,000.	mg/kg
S15:SL:GNC3-01	SL	2.	4.	7440-38-2	Arsenic	INORG	**13.5**	**mg/kg**	0.48			9903211-05D	13.5	9.74	mg/kg	2.99	mg/kg
S15:SL:GNC3-01	SL	2.	4.	7440-39-3	Barium	INORG	114.	mg/kg	0.08			9903211-05D	114	103.05	mg/kg	100,000.	mg/kg
S15:SL:GNC3-01	SL	2.	4.	7440-41-7	Beryllium	INORG	1.1	mg/kg	0.04			9903211-05D	1.1	1	mg/kg	3,400.	mg/kg
S15:SL:GNC3-01	SL	2.	4.	7440-48-4	Cobalt	INORG	14.8	mg/kg	0.14	*	J	9903211-05D	14.8	10.22	mg/kg	28,620.2	mg/kg
S15:SL:GNC3-01	SL	2.	4.	7782-49-2	Selenium	INORG	1.6	mg/kg	0.56			9903211-05D	1.6	0.97	mg/kg	9,365.75	mg/kg
S15:SL:GNC3-01	SL	2.	4.	7440-31-5	Tin	INORG	1.7	mg/kg	0.8	B		9903211-05D	1.7	1.18	mg/kg	100,000.	mg/kg
S15:SL:GNC3-01	SL	2.	4.	7440-62-2	Vanadium	INORG	48.7	mg/kg	0.18			9903211-05D	48.7	42.48	mg/kg	13,112.	mg/kg
S15:SL:GNC3-01	SL	2.	4.	7440-66-6	Zinc	INORG	80.4	mg/kg	0.95			9903211-05D	80.4	78.05	mg/kg	100,000.	mg/kg
S15:SL:GNC4-01	SL	2.	4.	7440-38-2	Arsenic	INORG	**14.7**	**mg/kg**	0.47			9903211-06D	14.7	9.74	mg/kg	2.99	mg/kg
S15:SL:GNC4-01	SL	2.	4.	7440-41-7	Beryllium	INORG	1.1	mg/kg	0.04			9903211-06D	1.1	1	mg/kg	3,400.	mg/kg
S15:SL:GNC4-01	SL	2.	4.	7440-47-3	Chromium	INORG	30.8	mg/kg	0.1			9903211-06D	30.8	28.34	mg/kg	64.05	mg/kg
S15:SL:GNC4-01	SL	2.	4.	7440-48-4	Cobalt	INORG	17.6	mg/kg	0.14	*	J	9903211-06D	17.6	10.22	mg/kg	28,620.2	mg/kg
S15:SL:GNC4-01	SL	2.	4.	7440-50-8	Copper	INORG	32.9	mg/kg	0.1			9903211-06D	32.9	25.19	mg/kg	69,569.94	mg/kg
S15:SL:GNC4-01	SL	2.	4.	7440-02-0	Nickel	INORG	40.5	mg/kg	0.22			9903211-06D	40.5	29.55	mg/kg	37,461.94	mg/kg
S15:SL:GNC4-01	SL	2.	4.	7782-49-2	Selenium	INORG	1.1	mg/kg	0.55			9903211-06D	1.1	0.97	mg/kg	9,365.75	mg/kg
S15:SL:GNC4-01	SL	2.	4.	7440-31-5	Tin	INORG	1.8	mg/kg	0.79	B		9903211-06D	1.8	1.18	mg/kg	100,000.	mg/kg
S15:SL:GNC4-01	SL	2.	4.	7440-62-2	Vanadium	INORG	52.3	mg/kg	0.18			9903211-06D	52.3	42.48	mg/kg	13,112.	mg/kg
S15:SL:GNC4-01	SL	2.	4.	7440-66-6	Zinc	INORG	83.	mg/kg	0.93			9903211-06D	83.0	78.05	mg/kg	100,000.	mg/kg
S16:SL:GNA3-01	SL	11.	13.	7440-38-2	Arsenic	INORG	**8.2**	**mg/kg**	0.48			9904235-04D	8.2	9.74	mg/kg	2.99	mg/kg
S16:SL:GNA3-01	SL	11.	13.	7440-48-4	Cobalt	INORG	11.1	mg/kg	0.14			9904235-04D	11.1	10.22	mg/kg	28,620.2	mg/kg
S16:SL:GNA3-01	SL	11.	13.	7440-50-8	Copper	INORG	26.4	mg/kg	0.1			9904235-04D	26.4	25.19	mg/kg	69,569.94	mg/kg
S16:SL:GNA3-01	SL	11.	13.	7440-02-0	Nickel	INORG	32.6	mg/kg	0.22			9904235-04D	32.6	29.55	mg/kg	37,461.94	mg/kg
S16:SL:GNA4-01	SL	13.	15.	7440-38-2	Arsenic	INORG	**7.7**	**mg/kg**	0.58			9904235-07D	7.7	9.74	mg/kg	2.99	mg/kg
S16:SL:GNA4-01	SL	13.	15.	7440-50-8	Copper	INORG	25.9	mg/kg	0.12			9904235-07D	25.9	25.19	mg/kg	69,569.94	mg/kg
S16:SL:GNA7-01	SL	13.	15.	7440-38-2	Arsenic	INORG	**7.7**	**mg/kg**	0.59			9904181-02D	7.7	9.74	mg/kg	2.99	mg/kg
S16:SL:GNA7-01	SL	13.	15.	7440-39-3	Barium	INORG	106.	mg/kg	0.1			9904181-02D	106	103.05	mg/kg	100,000.	mg/kg
S16:SL:GNA7-01	SL	13.	15.	7440-50-8	Copper	INORG	27.1	mg/kg	0.12			9904181-02D	27.1	25.19	mg/kg	69,569.94	mg/kg
S16:SL:GNA7-01	SL	13.	15.	7440-02-0	Nickel	INORG	31.7	mg/kg	0.27			9904181-02D	31.7	29.55	mg/kg	37,461.94	mg/kg
S16:SL:GNA7-01	SL	13.	15.	7440-31-5	Tin	INORG	1.8	mg/kg	0.99	B		9904181-02D	1.8	1.18	mg/kg	100,000.	mg/kg
S16:SL:GNA7-01	SL	13.	15.	7440-66-6	Zinc	INORG	118.	mg/kg	1.2	*N	J	9904181-02D	118	78.05	mg/kg	100,000.	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Q Flag	Lab Sample ID	Original Result	Average Background	Bkg Unit	Region 9 PRG Standard	PRG Unit
S16:SL:GNB1-01	SL	11.	13.	7440-38-2	Arsenic	INORG	**10.2**	**mg/kg**	0.53			9904191-07D	10.2	9.74	mg/kg	2.99	mg/kg
S16:SL:GNB1-01	SL	11.	13.	7440-39-3	Barium	INORG	116.	mg/kg	0.09			9904191-07D	116	103.05	mg/kg	100,000.	mg/kg
S16:SL:GNB1-01	SL	11.	13.	7440-48-4	Cobalt	INORG	13.1	mg/kg	0.15			9904191-07D	13.1	10.22	mg/kg	28,620.2	mg/kg
S16:SL:GNB1-01	SL	11.	13.	7440-02-0	Nickel	INORG	35.7	mg/kg	0.24			9904191-07D	35.7	29.55	mg/kg	37,461.94	mg/kg
S16:SL:GNB1-01	SL	11.	13.	7440-31-5	Tin	INORG	1.3	mg/kg	0.88	B		9904191-07D	1.3	1.18	mg/kg	100,000.	mg/kg
S16:SL:GNB3-01	SL	14.	16.	7440-38-2	Arsenic	INORG	**8.9**	**mg/kg**	0.52			9904238-03D	8.9	9.74	mg/kg	2.99	mg/kg
S16:SL:GNB3-01	SL	14.	16.	7440-43-9	Cadmium	INORG	0.96	mg/kg	0.06	B		9904238-03D	0.96	0.94	mg/kg	934.3	mg/kg
S16:SL:GNB3-01	SL	14.	16.	7440-48-4	Cobalt	INORG	15.1	mg/kg	0.15			9904238-03D	15.1	10.22	mg/kg	28,620.2	mg/kg
S16:SL:GNB3-01	SL	14.	16.	7440-50-8	Copper	INORG	27.9	mg/kg	0.11			9904238-03D	27.9	25.19	mg/kg	69,569.94	mg/kg
S16:SL:GNB3-01	SL	14.	16.	7440-02-0	Nickel	INORG	40.2	mg/kg	0.24			9904238-03D	40.2	29.55	mg/kg	37,461.94	mg/kg
S16:SL:GNB3-01	SL	14.	16.	7440-31-5	Tin	INORG	1.5	mg/kg	0.87	B		9904238-03D	1.5	1.18	mg/kg	100,000.	mg/kg
S16:SL:GNB3-01	SL	14.	16.	7440-66-6	Zinc	INORG	179.	mg/kg	1.	*E	J	9904238-03D	179	78.05	mg/kg	100,000.	mg/kg
S16:SL:GNB6-01	SL	14.	16.	7440-38-2	Arsenic	INORG	**9.1**	**mg/kg**	0.47			9904238-06D	9.1	9.74	mg/kg	2.99	mg/kg
S16:SL:GNB6-01	SL	14.	16.	7440-50-8	Copper	INORG	25.6	mg/kg	0.1			9904238-06D	25.6	25.19	mg/kg	69,569.94	mg/kg
S16:SL:GNB6-01	SL	14.	16.	7440-02-0	Nickel	INORG	32.	mg/kg	0.22			9904238-06D	32.0	29.55	mg/kg	37,461.94	mg/kg
S16:SL:GNB6-02	SL	16.	18.	7440-38-2	Arsenic	INORG	**12.5**	**mg/kg**	0.6			9904238-07D	12.5	9.74	mg/kg	2.99	mg/kg
S16:SL:GNB6-02	SL	16.	18.	7440-48-4	Cobalt	INORG	11.8	mg/kg	0.17			9904238-07D	11.8	10.22	mg/kg	28,620.2	mg/kg
S16:SL:GNB6-02	SL	16.	18.	7440-02-0	Nickel	INORG	31.5	mg/kg	0.27			9904238-07D	31.5	29.55	mg/kg	37,461.94	mg/kg
S16:SL:GNB6-02	SL	16.	18.	7440-31-5	Tin	INORG	1.4	mg/kg	0.99	B		9904238-07D	1.4	1.18	mg/kg	100,000.	mg/kg
S16:SL:GNB7-01	SL	13.	15.	7440-38-2	Arsenic	INORG	**8.8**	**mg/kg**	0.58			9904181-05D	8.8	9.74	mg/kg	2.99	mg/kg
S16:SL:GNC2-01	SL	9.	11.	7440-38-2	Arsenic	INORG	**5.8**	**mg/kg**	0.54			9904191-06D	5.8	9.74	mg/kg	2.99	mg/kg
S16:SL:GNC2-01	SL	9.	11.	7440-39-3	Barium	INORG	202.	mg/kg	0.09			9904191-06D	202	103.05	mg/kg	100,000.	mg/kg
S16:SL:GNC3-01	SL	11.	13.	7440-38-2	Arsenic	INORG	**8.6**	**mg/kg**	0.49			9904206-05D	8.6	9.74	mg/kg	2.99	mg/kg
S16:SL:GNC3-01	SL	11.	13.	7440-48-4	Cobalt	INORG	12.6	mg/kg	0.14			9904206-05D	12.6	10.22	mg/kg	28,620.2	mg/kg
S16:SL:GNC3-01	SL	11.	13.	7440-50-8	Copper	INORG	34.9	mg/kg	0.1			9904206-05D	34.9	25.19	mg/kg	69,569.94	mg/kg
S16:SL:GNC3-01	SL	11.	13.	7440-02-0	Nickel	INORG	31.9	mg/kg	0.23			9904206-05D	31.9	29.55	mg/kg	37,461.94	mg/kg
S16:SL:GNC4-01	SL	11.	13.	7440-38-2	Arsenic	INORG	**17.2**	**mg/kg**	0.49			9904206-04D	17.2	9.74	mg/kg	2.99	mg/kg
S16:SL:GNC4-01	SL	11.	13.	7440-39-3	Barium	INORG	170.	mg/kg	0.08			9904206-04D	170	103.05	mg/kg	100,000.	mg/kg
S16:SL:GNC4-01	SL	11.	13.	7440-41-7	Beryllium	INORG	1.	mg/kg	0.04			9904206-04D	1.0	1	mg/kg	3,400.	mg/kg
S16:SL:GNC4-01	SL	11.	13.	7440-47-3	Chromium	INORG	32.6	mg/kg	0.1			9904206-04D	32.6	28.34	mg/kg	64.05	mg/kg
S16:SL:GNC4-01	SL	11.	13.	7440-48-4	Cobalt	INORG	14.	mg/kg	0.14			9904206-04D	14.0	10.22	mg/kg	28,620.2	mg/kg
S16:SL:GNC4-01	SL	11.	13.	7440-50-8	Copper	INORG	28.8	mg/kg	0.1			9904206-04D	28.8	25.19	mg/kg	69,569.94	mg/kg
S16:SL:GNC4-01	SL	11.	13.	7440-02-0	Nickel	INORG	38.1	mg/kg	0.22			9904206-04D	38.1	29.55	mg/kg	37,461.94	mg/kg
S16:SL:GNC4-01	SL	11.	13.	7440-62-2	Vanadium	INORG	55.3	mg/kg	0.18			9904206-04D	55.3	42.48	mg/kg	13,112.	mg/kg
S16:SL:GNC4-01	SL	11.	13.	7440-66-6	Zinc	INORG	111.	mg/kg	0.95	E		9904206-04D	111	78.05	mg/kg	100,000.	mg/kg
S16:SL:GNC5-01	SL	13.	15.	7440-38-2	Arsenic	INORG	**9.2**	**mg/kg**	0.52			9904206-02D	9.2	9.74	mg/kg	2.99	mg/kg
S16:SL:GNC5-01	SL	13.	15.	7440-39-3	Barium	INORG	116.	mg/kg	0.09			9904206-02D	116	103.05	mg/kg	100,000.	mg/kg
S16:SL:GNC5-01	SL	13.	15.	7440-48-4	Cobalt	INORG	16.2	mg/kg	0.15			9904206-02D	16.2	10.22	mg/kg	28,620.2	mg/kg
S16:SL:GNC5-01	SL	13.	15.	7440-50-8	Copper	INORG	32.4	mg/kg	0.11			9904206-02D	32.4	25.19	mg/kg	69,569.94	mg/kg
S16:SL:GNC5-01	SL	13.	15.	7439-97-6	Mercury	INORG	0.19	mg/kg	0.02			9904206-02D	0.19	0.032	mg/kg	510.	mg/kg
S16:SL:GNC5-01	SL	13.	15.	7440-02-0	Nickel	INORG	41.2	mg/kg	0.24			9904206-02D	41.2	29.55	mg/kg	37,461.94	mg/kg
S16:SL:GNC5-01	SL	13.	15.	7440-31-5	Tin	INORG	1.3	mg/kg	0.87	B		9904206-02D	1.3	1.18	mg/kg	100,000.	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	PQ Flag	Lab Sample ID	Original Result	Average Background	Bkg Unit	Region 9 PRG Standards	PRG Unit
S16:SL:GNC5-01	SL	13.	15.	7440-66-6	Zinc	INORG	78.3	mg/kg	1.	E		9904206-02D	78.3	78.05	mg/kg	100,000.	mg/kg
S16:SL:GNC5-02	SL	17.	19.	7440-38-2	Arsenic	INORG	**7.7**	**mg/kg**	0.58			9904206-03D	7.7	9.74	mg/kg	2.99	mg/kg
S16:SL:GNC5-02	SL	17.	19.	7440-48-4	Cobalt	INORG	10.3	mg/kg	0.17			9904206-03D	10.3	10.22	mg/kg	28,620.2	mg/kg
S16:SL:GNC5-02	SL	17.	19.	7440-50-8	Copper	INORG	34.4	mg/kg	0.12			9904206-03D	34.4	25.19	mg/kg	69,569.94	mg/kg
S16:SL:GNC5-02	SL	17.	19.	7440-02-0	Nickel	INORG	30.3	mg/kg	0.27			9904206-03D	30.3	29.55	mg/kg	37,461.94	mg/kg
S16:SL:GNC5-02	SL	17.	19.	7782-49-2	Selenium	INORG	1.1	mg/kg	0.68	BN	J	9904206-03D	1.1	0.97	mg/kg	9,365.75	mg/kg
S16:SL:GNC5-02	SL	17.	19.	7440-31-5	Tin	INORG	1.6	mg/kg	0.97	B		9904206-03D	1.6	1.18	mg/kg	100,000.	mg/kg
S16:SL:GNC6-01	SL	11.	13.	7440-38-2	Arsenic	INORG	**7.6**	**mg/kg**	0.56			9904206-01D	7.6	9.74	mg/kg	2.99	mg/kg
S16:SL:GNC6-01	SL	11.	13.	7440-39-3	Barium	INORG	106.	mg/kg	0.09			9904206-01D	106	103.05	mg/kg	100,000.	mg/kg
S16:SL:GNC6-01	SL	11.	13.	7440-47-3	Chromium	INORG	29.	mg/kg	0.12			9904206-01D	29.0	28.34	mg/kg	64.05	mg/kg
S16:SL:GNC6-01	SL	11.	13.	7440-48-4	Cobalt	INORG	14.5	mg/kg	0.16			9904206-01D	14.5	10.22	mg/kg	28,620.2	mg/kg
S16:SL:GNC6-01	SL	11.	13.	7440-50-8	Copper	INORG	30.8	mg/kg	0.12			9904206-01D	30.8	25.19	mg/kg	69,569.94	mg/kg
S16:SL:GNC6-01	SL	11.	13.	7440-02-0	Nickel	INORG	44.7	mg/kg	0.26			9904206-01D	44.7	29.55	mg/kg	37,461.94	mg/kg
S16:SL:GNC6-01	SL	11.	13.	7440-31-5	Tin	INORG	1.2	mg/kg	0.93	B		9904206-01D	1.2	1.18	mg/kg	100,000.	mg/kg
S16:SL:GNC6-01	SL	11.	13.	7440-66-6	Zinc	INORG	616.	mg/kg	1.1	E		9904206-01D	616	78.05	mg/kg	100,000.	mg/kg
S16:SL:GNC7-01	SL	13.	15.	7440-38-2	Arsenic	INORG	**9.5**	**mg/kg**	0.54			9904181-08D	9.5	9.74	mg/kg	2.99	mg/kg
S16:SL:GND3-01	SL	9.	11.	7440-38-2	Arsenic	INORG	**4.7**	**mg/kg**	0.59			9904191-05D	4.7	9.74	mg/kg	2.99	mg/kg
S16:SL:GND3-01	SL	9.	11.	7440-50-8	Copper	INORG	26.7	mg/kg	0.12			9904191-05D	26.7	25.19	mg/kg	69,569.94	mg/kg
S16:SL:GND3-01	SL	9.	11.	7440-31-5	Tin	INORG	1.3	mg/kg	0.99	B		9904191-05D	1.3	1.18	mg/kg	100,000.	mg/kg
S16:SL:GND4-01	SL	9.	11.	7440-38-2	Arsenic	INORG	**6.1**	**mg/kg**	0.54			9904191-04D	6.1	9.74	mg/kg	2.99	mg/kg
S16:SL:GND4-01	SL	9.	11.	7440-39-3	Barium	INORG	106.	mg/kg	0.09			9904191-04D	106	103.05	mg/kg	100,000.	mg/kg
S16:SL:GND4-01	SL	9.	11.	7440-48-4	Cobalt	INORG	14.9	mg/kg	0.16			9904191-04D	14.9	10.22	mg/kg	28,620.2	mg/kg
S16:SL:GND4-01	SL	9.	11.	7440-50-8	Copper	INORG	28.1	mg/kg	0.11			9904191-04D	28.1	25.19	mg/kg	69,569.94	mg/kg
S16:SL:GND4-01	SL	9.	11.	7440-02-0	Nickel	INORG	33.6	mg/kg	0.25			9904191-04D	33.6	29.55	mg/kg	37,461.94	mg/kg
S16:SL:GND5-01	SL	9.	11.	7440-38-2	Arsenic	INORG	**6.8**	**mg/kg**	0.47			9904191-03D	6.8	9.74	mg/kg	2.99	mg/kg
S16:SL:GND5-01	SL	9.	11.	7440-31-5	Tin	INORG	1.4	mg/kg	0.78	B		9904191-03D	1.4	1.18	mg/kg	100,000.	mg/kg
S16:SL:GND6-01	SL	13.	15.	7440-38-2	Arsenic	INORG	**10.1**	**mg/kg**	0.48			9904191-01D	10.1	9.74	mg/kg	2.99	mg/kg
S16:SL:GND6-01	SL	13.	15.	7440-39-3	Barium	INORG	110.	mg/kg	0.08			9904191-01D	110	103.05	mg/kg	100,000.	mg/kg
S16:SL:GND6-01	SL	13.	15.	7440-48-4	Cobalt	INORG	12.5	mg/kg	0.14			9904191-01D	12.5	10.22	mg/kg	28,620.2	mg/kg
S16:SL:GND6-01	SL	13.	15.	7440-50-8	Copper	INORG	25.4	mg/kg	0.1			9904191-01D	25.4	25.19	mg/kg	69,569.94	mg/kg
S16:SL:GND6-01	SL	13.	15.	7440-02-0	Nickel	INORG	34.2	mg/kg	0.22			9904191-01D	34.2	29.55	mg/kg	37,461.94	mg/kg
S16:SL:GND7-01	SL	13.	15.	7440-38-2	Arsenic	INORG	**6.6**	**mg/kg**	0.49			9904181-07D	6.6	9.74	mg/kg	2.99	mg/kg
S16:SL:GND7-01	SL	13.	15.	7440-39-3	Barium	INORG	114.	mg/kg	0.08			9904181-07D	114	103.05	mg/kg	100,000.	mg/kg
S16:SL:GND7-01	SL	13.	15.	7440-48-4	Cobalt	INORG	14.5	mg/kg	0.14			9904181-07D	14.5	10.22	mg/kg	28,620.2	mg/kg
S16:SL:GND7-01	SL	13.	15.	7440-02-0	Nickel	INORG	38.9	mg/kg	0.23			9904181-07D	38.9	29.55	mg/kg	37,461.94	mg/kg
S16:SL:GND7-01	SL	13.	15.	7440-31-5	Tin	INORG	1.8	mg/kg	0.82	B		9904181-07D	1.8	1.18	mg/kg	100,000.	mg/kg
S16:SL:SL01-05	SL	10.	12.	7440-38-2	Arsenic	INORG	**9.4**	**mg/kg**	0.51			9904238-04D	9.4	9.74	mg/kg	2.99	mg/kg
S16:SL:SL01-05	SL	10.	12.	7440-50-8	Copper	INORG	25.3	mg/kg	0.11			9904238-04D	25.3	25.19	mg/kg	69,569.94	mg/kg
S16:SL:SL01-05	SL	10.	12.	7440-31-5	Tin	INORG	1.6	mg/kg	0.84	B		9904238-04D	1.6	1.18	mg/kg	100,000.	mg/kg
S16:SL:SL02-03	SL	6.	8.	7440-36-0	Antimony	INORG	3.1	mg/kg	0.28	N	J	9904238-05D	3.1	0.67	mg/kg	749.27	mg/kg
S16:SL:SL02-03	SL	6.	8.	7440-38-2	Arsenic	INORG	**8.7**	**mg/kg**	0.35			9904238-05D	8.7	9.74	mg/kg	2.99	mg/kg
S16:SL:SL02-03	SL	6.	8.	7440-39-3	Barium	INORG	588.	mg/kg	0.06			9904238-05D	588	103.05	mg/kg	100,000.	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Q Flag	Lab Sample ID	Original Result	Average Background	BKG Unit	Reference PRG Standard	PRG Unit
S16:SL:SL02-03	SL	6.	8.	7440-43-9	Cadmium	INORG	15.8	mg/kg	0.04			9904238-05D	15.8	0.94	mg/kg	934.3	mg/kg
S16:SL:SL02-03	SL	6.	8.	7440-47-3	Chromium	INORG	**280.**	**mg/kg**	0.07			9904238-05D	280	28.34	mg/kg	64.05	mg/kg
S16:SL:SL02-03	SL	6.	8.	7440-50-8	Copper	INORG	374.	mg/kg	0.07			9904238-05D	374	25.19	mg/kg	69,569.94	mg/kg
S16:SL:SL02-03	SL	6.	8.	7439-92-1	Lead	INORG	302.	mg/kg	0.16			9904238-05D	302	14.14	mg/kg	1,000.	mg/kg
S16:SL:SL02-03	SL	6.	8.	7439-97-6	Mercury	INORG	1.2	mg/kg	0.02			9904238-05D	1.2	0.032	mg/kg	510.	mg/kg
S16:SL:SL02-03	SL	6.	8.	7440-02-0	Nickel	INORG	71.5	mg/kg	0.16			9904238-05D	71.5	29.55	mg/kg	37,461.94	mg/kg
S16:SL:SL02-03	SL	6.	8.	7440-22-4	Silver	INORG	0.55	mg/kg	0.1			9904238-05D	0.55	0.2	mg/kg	9,365.75	mg/kg
S16:SL:SL02-03	SL	6.	8.	7440-31-5	Tin	INORG	13.4	mg/kg	0.59			9904238-05D	13.4	1.18	mg/kg	100,000.	mg/kg
S16:SL:SL02-03	SL	6.	8.	7440-66-6	Zinc	INORG	1,380.	mg/kg	0.69	*E	J	9904238-05D	1380	78.05	mg/kg	100,000.	mg/kg
S19:SL:GNE1-01	SL	14.	16.	7440-38-2	Arsenic	INORG	**12.5**	**mg/kg**	0.43	N	J	9904135-01D	12.5	9.74	mg/kg	2.99	mg/kg
S19:SL:GNE1-01	SL	14.	16.	7440-48-4	Cobalt	INORG	13.3	mg/kg	0.13	E		9904135-01D	13.3	10.22	mg/kg	28,620.2	mg/kg
S19:SL:GNE1-01	SL	14.	16.	7440-50-8	Copper	INORG	25.4	mg/kg	0.09	E		9904135-01D	25.4	25.19	mg/kg	69,569.94	mg/kg
S19:SL:GNE1-01	SL	14.	16.	7440-02-0	Nickel	INORG	34.3	mg/kg	0.2	E		9904135-01D	34.3	29.55	mg/kg	37,461.94	mg/kg
S19:SL:GNF1-01	SL	11.	13.	7440-38-2	Arsenic	INORG	**12.9**	**mg/kg**	0.57	N	J	9904120-02D	12.9	9.74	mg/kg	2.99	mg/kg
S19:SL:GNF1-01	SL	11.	13.	7439-97-6	Mercury	INORG	0.04	mg/kg	0.02			9904120-02D	0.04	0.032	mg/kg	510.	mg/kg
S19:SL:GNF1-01	SL	11.	13.	7440-31-5	Tin	INORG	1.2	mg/kg	0.95	B		9904120-02D	1.2	1.18	mg/kg	100,000.	mg/kg
S19:SL:SL01-03	SL	4.	6.	7440-38-2	Arsenic	INORG	**4.7**	**mg/kg**	0.48	N	J	9904096-01D	4.7	9.74	mg/kg	2.99	mg/kg
S20:SL:SL01-02	SL	9.	11.	7440-38-2	Arsenic	INORG	**4.5**	**mg/kg**	0.5			9904065-15D	4.5	9.74	mg/kg	2.99	mg/kg
S20:SL:SL01-02	SL	9.	11.	7440-22-4	Silver	INORG	0.2	mg/kg	0.15	B		9904065-15D	0.20	0.2	mg/kg	9,365.75	mg/kg
S23:SL:SL01-02	SL	12.	14.	7440-38-2	Arsenic	INORG	**5.1**	**mg/kg**	0.47			9904035-06D	5.1	9.74	mg/kg	2.99	mg/kg
S23:SL:SL01-02	SL	12.	14.	7440-50-8	Copper	INORG	27.6	mg/kg	0.1			9904035-06D	27.6	25.19	mg/kg	69,569.94	mg/kg
S23:SL:SL01-02	SL	12.	14.	7782-49-2	Selenium	INORG	1.2	mg/kg	0.55			9904035-06D	1.2	0.97	mg/kg	9,365.75	mg/kg
S23:SL:SL02-02	SL	12.	14.	7440-38-2	Arsenic	INORG	**6.6**	**mg/kg**	0.49			9904035-07D	6.6	9.74	mg/kg	2.99	mg/kg
S23:SL:SL02-02	SL	12.	14.	7440-39-3	Barium	INORG	109.	mg/kg	0.08	*	J	9904035-07D	109	103.05	mg/kg	100,000.	mg/kg
S23:SL:SL02-02	SL	12.	14.	7782-49-2	Selenium	INORG	1.8	mg/kg	0.58			9904035-07D	1.8	0.97	mg/kg	9,365.75	mg/kg
S23:SL:SL02-02	SL	12.	14.	7440-22-4	Silver	INORG	0.2	mg/kg	0.14	B		9904035-07D	0.20	0.2	mg/kg	9,365.75	mg/kg
S23:SL:SL03-02	SL	12.	14.	7440-66-6	Zinc	INORG	93.3	mg/kg	3.7			9904065-07D	93.3	78.05	mg/kg	100,000.	mg/kg
S23:SL:SL04-02	SL	12.	14.	7440-38-2	Arsenic	INORG	**18.8**	**mg/kg**	0.47			9904065-08D	18.8	9.74	mg/kg	2.99	mg/kg
S23:SL:SL04-02	SL	12.	14.	7440-39-3	Barium	INORG	184.	mg/kg	0.08			9904065-08D	184	103.05	mg/kg	100,000.	mg/kg
S23:SL:SL04-02	SL	12.	14.	7440-48-4	Cobalt	INORG	17.	mg/kg	0.14			9904065-08D	17.0	10.22	mg/kg	28,620.2	mg/kg
S23:SL:SL04-02	SL	12.	14.	7440-50-8	Copper	INORG	25.7	mg/kg	0.1			9904065-08D	25.7	25.19	mg/kg	69,569.94	mg/kg
S23:SL:SL04-02	SL	12.	14.	7440-02-0	Nickel	INORG	36.6	mg/kg	0.22			9904065-08D	36.6	29.55	mg/kg	37,461.94	mg/kg
S23:SL:SL04-02	SL	12.	14.	7440-22-4	Silver	INORG	0.22	mg/kg	0.14	B		9904065-08D	0.22	0.2	mg/kg	9,365.75	mg/kg
S27:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**7.5**	**mg/kg**	0.41			9904012-05D	7.5	9.74	mg/kg	2.99	mg/kg
S27:SL:SF01-01	SL	0.	2.	7440-31-5	Tin	INORG	2.3	mg/kg	0.69			9904012-05D	2.3	1.18	mg/kg	100,000.	mg/kg
S27:SL:SF02-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**3.6**	**mg/kg**	0.38			9904012-06D	3.6	9.74	mg/kg	2.99	mg/kg
S27:SL:SF02-01	SL	0.	2.	7440-43-9	Cadmium	INORG	2.3	mg/kg	0.05			9904012-06D	2.3	0.94	mg/kg	934.3	mg/kg
S27:SL:SF02-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.14	mg/kg	0.02			9904012-06D	0.14	0.032	mg/kg	510.	mg/kg
S27:SL:SF02-01	SL	0.	2.	7440-31-5	Tin	INORG	2.9	mg/kg	0.64			9904012-06D	2.9	1.18	mg/kg	100,000.	mg/kg
S27:SL:SF03-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**7.8**	**mg/kg**	0.47			9904012-07D	7.8	9.74	mg/kg	2.99	mg/kg
S27:SL:SF03-01	SL	0.	2.	7440-43-9	Cadmium	INORG	1.	mg/kg	0.06			9904012-07D	1.0	0.94	mg/kg	934.3	mg/kg
S27:SL:SF03-01	SL	0.	2.	7440-31-5	Tin	INORG	2.4	mg/kg	0.78			9904012-07D	2.4	1.18	mg/kg	100,000.	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	QC Flag	Lab Sample ID	Original Result	Average Background	BKG Unit	Region 9 PRG Standard	PRG Unit
S29:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**10.8**	**mg/kg**	0.54	*N	J	9904018-07D	10.8	9.74	mg/kg	2.99	mg/kg
S29:SL:SF01-01	SL	0.	2.	7440-39-3	Barium	INORG	142.	mg/kg	0.09	*N	J	9904018-07D	142	103.05	mg/kg	100,000.	mg/kg
S29:SL:SF01-01	SL	0.	2.	7440-43-9	Cadmium	INORG	1.	mg/kg	0.07	B		9904018-07D	1.0	0.94	mg/kg	934.3	mg/kg
S29:SL:SF01-01	SL	0.	2.	7440-31-5	Tin	INORG	1.4	mg/kg	0.89	B		9904018-07D	1.4	1.18	mg/kg	100,000.	mg/kg
S29:SL:SF02-01	SL	0.	2.	7440-31-5	Tin	INORG	1.2	mg/kg	0.76	B		9904018-08D	1.2	1.18	mg/kg	100,000.	mg/kg
S29:SL:SF03-01	SL	0.	2.	7440-22-4	Silver	INORG	0.2	mg/kg	0.12	B		9904018-09D	0.20	0.2	mg/kg	9,365.75	mg/kg
S29:SL:SF04-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**9.7**	**mg/kg**	0.49	*N	J	9904018-10D	9.7	9.74	mg/kg	2.99	mg/kg
S29:SL:SF04-01	SL	0.	2.	7440-39-3	Barium	INORG	121.	mg/kg	0.08	*N	J	9904018-10D	121	103.05	mg/kg	100,000.	mg/kg
S29:SL:SF04-01	SL	0.	2.	7440-41-7	Beryllium	INORG	1.	mg/kg	0.04			9904018-10D	1.0	1	mg/kg	3,400.	mg/kg
S29:SL:SF04-01	SL	0.	2.	7440-43-9	Cadmium	INORG	1.1	mg/kg	0.06			9904018-10D	1.1	0.94	mg/kg	934.3	mg/kg
S29:SL:SF04-01	SL	0.	2.	7440-47-3	Chromium	INORG	37.1	mg/kg	0.1			9904018-10D	37.1	28.34	mg/kg	64.05	mg/kg
S29:SL:SF04-01	SL	0.	2.	7440-48-4	Cobalt	INORG	12.	mg/kg	0.14	*	J	9904018-10D	12.0	10.22	mg/kg	28,620.2	mg/kg
S29:SL:SF04-01	SL	0.	2.	7440-50-8	Copper	INORG	27.3	mg/kg	0.1	*	J	9904018-10D	27.3	25.19	mg/kg	69,569.94	mg/kg
S29:SL:SF04-01	SL	0.	2.	7440-02-0	Nickel	INORG	33.	mg/kg	0.23	*	J	9904018-10D	33.0	29.55	mg/kg	37,461.94	mg/kg
S29:SL:SF04-01	SL	0.	2.	7440-31-5	Tin	INORG	1.2	mg/kg	0.82	B		9904018-10D	1.2	1.18	mg/kg	100,000.	mg/kg
S29:SL:SF04-01	SL	0.	2.	7440-62-2	Vanadium	INORG	44.9	mg/kg	0.19			9904018-10D	44.9	42.48	mg/kg	13,112.	mg/kg
S29:SL:SF04-01	SL	0.	2.	7440-66-6	Zinc	INORG	180.	mg/kg	0.97			9904018-10D	180	78.05	mg/kg	100,000.	mg/kg
S30:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**11.5**	**mg/kg**	0.42	*N	J	9904018-01D	11.5	9.74	mg/kg	2.99	mg/kg
S30:SL:SF01-01	SL	0.	2.	7440-43-9	Cadmium	INORG	1.	mg/kg	0.05			9904018-01D	1.0	0.94	mg/kg	934.3	mg/kg
S30:SL:SF01-01	SL	0.	2.	7440-47-3	Chromium	INORG	31.2	mg/kg	0.09			9904018-01D	31.2	28.34	mg/kg	64.05	mg/kg
S30:SL:SF01-01	SL	0.	2.	7440-66-6	Zinc	INORG	101.	mg/kg	0.82			9904018-01D	101	78.05	mg/kg	100,000.	mg/kg
S30:SL:SF02-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**18.3**	**mg/kg**	0.44	*N	J	9904018-02D	18.3	9.74	mg/kg	2.99	mg/kg
S30:SL:SF02-01	SL	0.	2.	7440-43-9	Cadmium	INORG	1.7	mg/kg	0.06			9904018-02D	1.7	0.94	mg/kg	934.3	mg/kg
S30:SL:SF02-01	SL	0.	2.	7440-47-3	Chromium	INORG	51.2	mg/kg	0.09		J	9904018-02D	51.2	28.34	mg/kg	64.05	mg/kg
S30:SL:SF02-01	SL	0.	2.	7440-50-8	Copper	INORG	29.9	mg/kg	0.09	*	J	9904018-02D	29.9	25.19	mg/kg	69,569.94	mg/kg
S30:SL:SF02-01	SL	0.	2.	7440-31-5	Tin	INORG	1.4	mg/kg	0.74	B		9904018-02D	1.4	1.18	mg/kg	100,000.	mg/kg
S30:SL:SF02-01	SL	0.	2.	7440-66-6	Zinc	INORG	141.	mg/kg	0.87		J	9904018-02D	141	78.05	mg/kg	100,000.	mg/kg
S30:SL:SF03-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**9.6**	**mg/kg**	0.45	*N	J	9904018-04D	9.6	9.74	mg/kg	2.99	mg/kg
S31:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**11.7**	**mg/kg**	0.55	N	J	9904008-20D	11.7	9.74	mg/kg	2.99	mg/kg
S31:SL:SF01-01	SL	0.	2.	7440-39-3	Barium	INORG	126.	mg/kg	0.09			9904008-20D	126	103.05	mg/kg	100,000.	mg/kg
S31:SL:SF01-01	SL	0.	2.	7440-41-7	Beryllium	INORG	1.8	mg/kg	0.05			9904008-20D	1.8	1	mg/kg	3,400.	mg/kg
S31:SL:SF01-01	SL	0.	2.	7440-47-3	Chromium	INORG	34.	mg/kg	0.11			9904008-20D	34.0	28.34	mg/kg	64.05	mg/kg
S31:SL:SF01-01	SL	0.	2.	7440-48-4	Cobalt	INORG	16.9	mg/kg	0.16			9904008-20D	16.9	10.22	mg/kg	28,620.2	mg/kg
S31:SL:SF01-01	SL	0.	2.	7440-50-8	Copper	INORG	25.5	mg/kg	0.11			9904008-20D	25.5	25.19	mg/kg	69,569.94	mg/kg
S31:SL:SF01-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.04	mg/kg	0.02			9904008-20D	0.04	0.032	mg/kg	510.	mg/kg
S31:SL:SF01-01	SL	0.	2.	7440-02-0	Nickel	INORG	33.6	mg/kg	0.25			9904008-20D	33.6	29.55	mg/kg	37,461.94	mg/kg
S31:SL:SF01-01	SL	0.	2.	7782-49-2	Selenium	INORG	1.3	mg/kg	0.64	N	J	9904008-20D	1.3	0.97	mg/kg	9,365.75	mg/kg
S31:SL:SF01-01	SL	0.	2.	7440-31-5	Tin	INORG	2.1	mg/kg	0.92	B		9904008-20D	2.1	1.18	mg/kg	100,000.	mg/kg
S31:SL:SF01-01	SL	0.	2.	7440-62-2	Vanadium	INORG	54.1	mg/kg	0.21			9904008-20D	54.1	42.48	mg/kg	13,112.	mg/kg
S31:SL:SF01-01	SL	0.	2.	7440-66-6	Zinc	INORG	89.2	mg/kg	1.1			9904008-20D	89.2	78.05	mg/kg	100,000.	mg/kg
S31:SL:SF02-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**10.1**	**mg/kg**	0.53			9904012-13D	10.1	9.74	mg/kg	2.99	mg/kg
S31:SL:SF02-01	SL	0.	2.	7440-39-3	Barium	INORG	165	mg/kg	0.09			9904012-13D	165	103.05	mg/kg	100,000.	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Q Flag	Lab Sample ID	Original Result	Average Background	Bkg Unit	Region 9 PRG Standard	PRG Unit
S31:SL:SF02-01	SL	0.	2.	7440-41-7	Beryllium	INORG	1.1	mg/kg	0.04			9904012-13D	1.1	1	mg/kg	3,400.	mg/kg
S31:SL:SF02-01	SL	0.	2.	7440-43-9	Cadmium	INORG	1.3	mg/kg	0.07			9904012-13D	1.3	0.94	mg/kg	934.3	mg/kg
S31:SL:SF02-01	SL	0.	2.	7440-47-3	Chromium	INORG	40.5	mg/kg	0.11			9904012-13D	40.5	28.34	mg/kg	64.05	mg/kg
S31:SL:SF02-01	SL	0.	2.	7440-48-4	Cobalt	INORG	51.3	mg/kg	0.16	*	J	9904012-13D	51.3	10.22	mg/kg	28,620.2	mg/kg
S31:SL:SF02-01	SL	0.	2.	7440-50-8	Copper	INORG	30.1	mg/kg	0.11			9904012-13D	30.1	25.19	mg/kg	69,569.94	mg/kg
S31:SL:SF02-01	SL	0.	2.	7440-02-0	Nickel	INORG	48.8	mg/kg	0.24			9904012-13D	48.8	29.55	mg/kg	37,461.94	mg/kg
S31:SL:SF02-01	SL	0.	2.	7440-31-5	Tin	INORG	3.3	mg/kg	0.89			9904012-13D	3.3	1.18	mg/kg	100,000.	mg/kg
S31:SL:SF02-01	SL	0.	2.	7440-66-6	Zinc	INORG	94.3	mg/kg	1.			9904012-13D	94.3	78.05	mg/kg	100,000.	mg/kg
S32:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**6.7**	**mg/kg**	0.47	*N	J	9904011-01D	6.7	9.74	mg/kg	2.99	mg/kg
S32:SL:SF01-01	SL	0.	2.	7440-39-3	Barium	INORG	121.	mg/kg	0.08	*	J	9904011-01D	121	103.05	mg/kg	100,000.	mg/kg
S32:SL:SF01-01	SL	0.	2.	7440-43-9	Cadmium	INORG	0.97	mg/kg	0.06	B		9904011-01D	0.97	0.94	mg/kg	934.3	mg/kg
S32:SL:SF01-01	SL	0.	2.	7440-47-3	Chromium	INORG	47.5	mg/kg	0.1	*	J	9904011-01D	47.5	28.34	mg/kg	64.05	mg/kg
S32:SL:SF01-01	SL	0.	2.	7440-50-8	Copper	INORG	30.5	mg/kg	0.1	*N	J	9904011-01D	30.5	25.19	mg/kg	69,569.94	mg/kg
S32:SL:SF01-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.04	mg/kg	0.02			9904011-01D	0.04	0.032	mg/kg	510.	mg/kg
S32:SL:SF01-01	SL	0.	2.	7440-22-4	Silver	INORG	0.25	mg/kg	0.14	B		9904011-01D	0.25	0.2	mg/kg	9,365.75	mg/kg
S32:SL:SF01-01	SL	0.	2.	7440-31-5	Tin	INORG	2.4	mg/kg	0.78			9904011-01D	2.4	1.18	mg/kg	100,000.	mg/kg
S32:SL:SF01-01	SL	0.	2.	7440-66-6	Zinc	INORG	137.	mg/kg	0.92	*	J	9904011-01D	137	78.05	mg/kg	100,000.	mg/kg
S32:SL:SF02-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**11.2**	**mg/kg**	0.45	N	J	9904008-01D	11.2	9.74	mg/kg	2.99	mg/kg
S32:SL:SF02-01	SL	0.	2.	7440-41-7	Beryllium	INORG	1.2	mg/kg	0.04			9904008-01D	1.2	1	mg/kg	3,400.	mg/kg
S32:SL:SF02-01	SL	0.	2.	7440-47-3	Chromium	INORG	31.1	mg/kg	0.09			9904008-01D	31.1	28.34	mg/kg	64.05	mg/kg
S32:SL:SF02-01	SL	0.	2.	7440-02-0	Nickel	INORG	30.3	mg/kg	0.21			9904008-01D	30.3	29.55	mg/kg	37,461.94	mg/kg
S32:SL:SF02-01	SL	0.	2.	7440-31-5	Tin	INORG	2.1	mg/kg	0.76			9904008-01D	2.1	1.18	mg/kg	100,000.	mg/kg
S32:SL:SF02-01	SL	0.	2.	7440-62-2	Vanadium	INORG	48.4	mg/kg	0.17			9904008-01D	48.4	42.48	mg/kg	13,112.	mg/kg
S33:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**9.5**	**mg/kg**	0.49	N	J	9904008-13D	9.5	9.74	mg/kg	2.99	mg/kg
S33:SL:SF01-01	SL	0.	2.	7440-39-3	Barium	INORG	118.	mg/kg	0.08			9904008-13D	118	103.05	mg/kg	100,000.	mg/kg
S33:SL:SF01-01	SL	0.	2.	7440-48-4	Cobalt	INORG	11.8	mg/kg	0.14			9904008-13D	11.8	10.22	mg/kg	28,620.2	mg/kg
S33:SL:SF01-01	SL	0.	2.	7440-50-8	Copper	INORG	25.9	mg/kg	0.1			9904008-13D	25.9	25.19	mg/kg	69,569.94	mg/kg
S33:SL:SF01-01	SL	0.	2.	7440-02-0	Nickel	INORG	32.5	mg/kg	0.23			9904008-13D	32.5	29.55	mg/kg	37,461.94	mg/kg
S33:SL:SF01-01	SL	0.	2.	7440-22-4	Silver	INORG	0.25	mg/kg	0.14	B		9904008-13D	0.25	0.2	mg/kg	9,365.75	mg/kg
S33:SL:SF01-01	SL	0.	2.	7440-31-5	Tin	INORG	2.1	mg/kg	0.82			9904008-13D	2.1	1.18	mg/kg	100,000.	mg/kg
S33:SL:SF02-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**11.5**	**mg/kg**	0.5	N	J	9904008-19D	11.5	9.74	mg/kg	2.99	mg/kg
S33:SL:SF02-01	SL	0.	2.	7440-39-3	Barium	INORG	172.	mg/kg	0.08			9904008-19D	172	103.05	mg/kg	100,000.	mg/kg
S33:SL:SF02-01	SL	0.	2.	7440-43-9	Cadmium	INORG	1.	mg/kg	0.06	B		9904008-19D	1.0	0.94	mg/kg	934.3	mg/kg
S33:SL:SF02-01	SL	0.	2.	7440-48-4	Cobalt	INORG	10.8	mg/kg	0.15			9904008-19D	10.8	10.22	mg/kg	28,620.2	mg/kg
S33:SL:SF02-01	SL	0.	2.	7440-50-8	Copper	INORG	29.4	mg/kg	0.1			9904008-19D	29.4	25.19	mg/kg	69,569.94	mg/kg
S33:SL:SF02-01	SL	0.	2.	7440-02-0	Nickel	INORG	37.	mg/kg	0.23			9904008-19D	37.0	29.55	mg/kg	37,461.94	mg/kg
S33:SL:SF02-01	SL	0.	2.	7440-31-5	Tin	INORG	1.9	mg/kg	0.83	B		9904008-19D	1.9	1.18	mg/kg	100,000.	mg/kg
S34:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**21.9**	**mg/kg**	0.35	N	J	9904008-14D	21.9	9.74	mg/kg	2.99	mg/kg
S34:SL:SF01-01	SL	0.	2.	7440-39-3	Barium	INORG	118.	mg/kg	0.06			9904008-14D	118	103.05	mg/kg	100,000.	mg/kg
S34:SL:SF01-01	SL	0.	2.	7440-47-3	Chromium	INORG	36.8	mg/kg	0.07		J	9904008-14D	36.8	28.34	mg/kg	64.05	mg/kg
S34:SL:SF01-01	SL	0.	2.	7440-48-4	Cobalt	INORG	13.4	mg/kg	0.1			9904008-14D	13.4	10.22	mg/kg	28,620.2	mg/kg
S34:SL:SF01-01	SL	0.	2.	7440-50-8	Copper	INORG	29.8	mg/kg	0.07			9904008-14D	29.8	25.19	mg/kg	69,569.94	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	QC Flag	Lab Sample ID	Original Result	Average Background	Bkg Unit	Region 9 PRG Standard	PRG Unit
S34:SL:SF01-01	SL	0.	2.	7440-02-0	Nickel	INORG	33.2	mg/kg	0.16			9904008-14D	33.2	29.55	mg/kg	37,461.94	mg/kg
S34:SL:SF01-01	SL	0.	2.	7440-31-5	Tin	INORG	1.7	mg/kg	0.59			9904008-14D	1.7	1.18	mg/kg	100,000.	mg/kg
S34:SL:SF02-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**9.8**	**mg/kg**	0.43	N	J	9904008-18D	9.8	9.74	mg/kg	2.99	mg/kg
S34:SL:SF02-01	SL	0.	2.	7440-31-5	Tin	INORG	1.7	mg/kg	0.72	B		9904008-18D	1.7	1.18	mg/kg	100,000.	mg/kg
S35:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**9.3**	**mg/kg**	0.45	N	J	9904008-06D	9.3	9.74	mg/kg	2.99	mg/kg
S35:SL:SF01-01	SL	0.	2.	7440-39-3	Barium	INORG	110.	mg/kg	0.08			9904008-06D	110	103.05	mg/kg	100,000.	mg/kg
S35:SL:SF01-01	SL	0.	2.	7440-41-7	Beryllium	INORG	1.	mg/kg	0.04			9904008-06D	1.0	1	mg/kg	3,400.	mg/kg
S35:SL:SF01-01	SL	0.	2.	7440-48-4	Cobalt	INORG	11.1	mg/kg	0.13			9904008-06D	11.1	10.22	mg/kg	28,620.2	mg/kg
S35:SL:SF01-01	SL	0.	2.	7440-31-5	Tin	INORG	1.7	mg/kg	0.76	B		9904008-06D	1.7	1.18	mg/kg	100,000.	mg/kg
S35:SL:SF01-01	SL	0.	2.	7440-62-2	Vanadium	INORG	42.8	mg/kg	0.17			9904008-06D	42.8	42.48	mg/kg	13,112.	mg/kg
S35:SL:SF02-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**10.4**	**mg/kg**	0.46			9904012-08D	10.4	9.74	mg/kg	2.99	mg/kg
S35:SL:SF02-01	SL	0.	2.	7440-43-9	Cadmium	INORG	1.2	mg/kg	0.06			9904012-08D	1.2	0.94	mg/kg	934.3	mg/kg
S35:SL:SF02-01	SL	0.	2.	7440-50-8	Copper	INORG	30.8	mg/kg	0.1			9904012-08D	30.8	25.19	mg/kg	69,569.94	mg/kg
S35:SL:SF02-01	SL	0.	2.	7439-92-1	Lead	INORG	33.5	mg/kg	0.21	N	J	9904012-08D	33.5	14.14	mg/kg	1,000.	mg/kg
S35:SL:SF02-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.15	mg/kg	0.02			9904012-08D	0.15	0.032	mg/kg	510.	mg/kg
S35:SL:SF02-01	SL	0.	2.	7440-31-5	Tin	INORG	2.8	mg/kg	0.77			9904012-08D	2.8	1.18	mg/kg	100,000.	mg/kg
S35:SL:SF02-01	SL	0.	2.	7440-66-6	Zinc	INORG	129.	mg/kg	0.91			9904012-08D	129	78.05	mg/kg	100,000.	mg/kg
S36:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**8.7**	**mg/kg**	0.53	N	J	9904008-07D	8.7	9.74	mg/kg	2.99	mg/kg
S36:SL:SF01-01	SL	0.	2.	7440-39-3	Barium	INORG	155.	mg/kg	0.09			9904008-07D	155	103.05	mg/kg	100,000.	mg/kg
S36:SL:SF01-01	SL	0.	2.	7440-48-4	Cobalt	INORG	10.3	mg/kg	0.15			9904008-07D	10.3	10.22	mg/kg	28,620.2	mg/kg
S36:SL:SF01-01	SL	0.	2.	7440-31-5	Tin	INORG	2.3	mg/kg	0.88			9904008-07D	2.3	1.18	mg/kg	100,000.	mg/kg
S36:SL:SF01-01	SL	0.	2.	7440-66-6	Zinc	INORG	90.6	mg/kg	1.			9904008-07D	90.6	78.05	mg/kg	100,000.	mg/kg
S36:SL:SF02-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.04	mg/kg	0.02	B		9904008-08D	0.04	0.032	mg/kg	510.	mg/kg
S36:SL:SF02-01	SL	0.	2.	7440-31-5	Tin	INORG	1.7	mg/kg	0.77	B		9904008-08D	1.7	1.18	mg/kg	100,000.	mg/kg
S37:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**10.6**	**mg/kg**	0.45	*N	J	9903249-01D	10.6	9.74	mg/kg	2.99	mg/kg
S37:SL:SF01-01	SL	0.	2.	7440-39-3	Barium	INORG	190.	mg/kg	0.08			9903249-01D	190	103.05	mg/kg	100,000.	mg/kg
S37:SL:SF02-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**8.5**	**mg/kg**	0.47	*N	J	9903249-02D	8.5	9.74	mg/kg	2.99	mg/kg
S37:SL:SF02-01	SL	0.	2.	7440-39-3	Barium	INORG	124.	mg/kg	0.08			9903249-02D	124	103.05	mg/kg	100,000.	mg/kg
S37:SL:SF02-01	SL	0.	2.	7440-47-3	Chromium	INORG	36.6	mg/kg	0.1			9903249-02D	36.6	28.34	mg/kg	64.05	mg/kg
S37:SL:SF02-01	SL	0.	2.	7440-48-4	Cobalt	INORG	10.3	mg/kg	0.14			9903249-02D	10.3	10.22	mg/kg	28,620.2	mg/kg
S37:SL:SF02-01	SL	0.	2.	7440-66-6	Zinc	INORG	224.	mg/kg	0.92			9903249-02D	224	78.05	mg/kg	100,000.	mg/kg
S38:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**5.4**	**mg/kg**	0.48	*N	J	9903249-03D	5.4	9.74	mg/kg	2.99	mg/kg
S38:SL:SF02-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**10.6**	**mg/kg**	0.5	*N	J	9903249-04D	10.6	9.74	mg/kg	2.99	mg/kg
S38:SL:SF02-01	SL	0.	2.	7440-39-3	Barium	INORG	104.	mg/kg	0.08			9903249-04D	104	103.05	mg/kg	100,000.	mg/kg
S38:SL:SF02-01	SL	0.	2.	7440-48-4	Cobalt	INORG	11.	mg/kg	0.14			9903249-04D	11.0	10.22	mg/kg	28,620.2	mg/kg
S38:SL:SF02-01	SL	0.	2.	7440-02-0	Nickel	INORG	31.	mg/kg	0.23			9903249-04D	31.0	29.55	mg/kg	37,461.94	mg/kg
S39:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**10.8**	**mg/kg**	0.39	*N	J	9903249-08D	10.8	9.74	mg/kg	2.99	mg/kg
S39:SL:SF01-01	SL	0.	2.	7440-39-3	Barium	INORG	141.	mg/kg	0.06			9903249-08D	141	103.05	mg/kg	100,000.	mg/kg
S39:SL:SF01-01	SL	0.	2.	7440-41-7	Beryllium	INORG	1.1	mg/kg	0.03			9903249-08D	1.1	1	mg/kg	3,400.	mg/kg
S39:SL:SF01-01	SL	0.	2.	7440-47-3	Chromium	INORG	28.8	mg/kg	0.08			9903249-08D	28.8	28.34	mg/kg	64.05	mg/kg
S39:SL:SF01-01	SL	0.	2.	7440-48-4	Cobalt	INORG	14.5	mg/kg	0.11			9903249-08D	14.5	10.22	mg/kg	28,620.2	mg/kg
S39:SL:SF01-01	SL	0.	2.	7440-50-8	Copper	INORG	26.6	mg/kg	0.08			9903249-08D	26.6	25.19	mg/kg	69,569.94	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Q Flag	Lab Sample ID	Original Result	Average Background	BKG Unit	Region 9 PRG Standard	PRG Unit
S39:SL:SF01-01	SL	0.	2.	7440-02-0	Nickel	INORG	33.1	mg/kg	0.18			9903249-08D	33.1	29.55	mg/kg	37,461.94	mg/kg
S39:SL:SF01-01	SL	0.	2.	7440-62-2	Vanadium	INORG	44.3	mg/kg	0.15			9903249-08D	44.3	42.48	mg/kg	13,112.	mg/kg
S39:SL:SF01-01	SL	0.	2.	7440-66-6	Zinc	INORG	78.8	mg/kg	0.76			9903249-08D	78.8	78.05	mg/kg	100,000.	mg/kg
S39:SL:SF02-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**8.4**	**mg/kg**	0.43	*N	J	9903249-11D	8.4	9.74	mg/kg	2.99	mg/kg
S39:SL:SF02-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.04	mg/kg	0.02			9903249-11D	0.04	0.032	mg/kg	510.	mg/kg
S39:SL:SF02-01	SL	0.	2.	7440-66-6	Zinc	INORG	79.5	mg/kg	0.85			9903249-11D	79.5	78.05	mg/kg	100,000.	mg/kg
S40:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**9.5**	**mg/kg**	0.46	*N	J	9903249-05D	9.5	9.74	mg/kg	2.99	mg/kg
S40:SL:SF01-01	SL	0.	2.	7440-39-3	Barium	INORG	105.	mg/kg	0.08			9903249-05D	105	103.05	mg/kg	100,000.	mg/kg
S40:SL:SF01-01	SL	0.	2.	7440-48-4	Cobalt	INORG	11.1	mg/kg	0.13		J	9903249-05D	11.1	10.22	mg/kg	28,620.2	mg/kg
S40:SL:SF01-01	SL	0.	2.	7440-50-8	Copper	INORG	25.5	mg/kg	0.1			9903249-05D	25.5	25.19	mg/kg	69,569.94	mg/kg
S40:SL:SF01-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.06	mg/kg	0.02		J	9903249-05D	0.06	0.032	mg/kg	510.	mg/kg
S40:SL:SF01-01	SL	0.	2.	7440-02-0	Nickel	INORG	32.5	mg/kg	0.21		J	9903249-05D	32.5	29.55	mg/kg	37,461.94	mg/kg
S40:SL:SF02-01	SL	0.	2.	7440-50-8	Copper	INORG	44.5	mg/kg	0.08			9903249-06D	44.5	25.19	mg/kg	69,569.94	mg/kg
S40:SL:SF02-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.08	mg/kg	0.02			9903249-06D	0.08	0.032	mg/kg	510.	mg/kg
S40:SL:SF02-01	SL	0.	2.	7440-66-6	Zinc	INORG	120.	mg/kg	0.72			9903249-06D	120	78.05	mg/kg	100,000.	mg/kg
S41:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**10.7**	**mg/kg**	0.54	*N	J	9904011-07D	10.7	9.74	mg/kg	2.99	mg/kg
S41:SL:SF01-01	SL	0.	2.	7440-48-4	Cobalt	INORG	11.8	mg/kg	0.16	*	J	9904011-07D	11.8	10.22	mg/kg	28,620.2	mg/kg
S41:SL:SF01-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.05	mg/kg	0.02			9904011-07D	0.05	0.032	mg/kg	510.	mg/kg
S41:SL:SF01-01	SL	0.	2.	7440-02-0	Nickel	INORG	35.3	mg/kg	0.25	*	J	9904011-07D	35.3	29.55	mg/kg	37,461.94	mg/kg
S41:SL:SF01-01	SL	0.	2.	7440-31-5	Tin	INORG	2.2	mg/kg	0.9	B		9904011-07D	2.2	1.18	mg/kg	100,000.	mg/kg
S41:SL:SF02-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**10.3**	**mg/kg**	0.5	*N	J	9904011-08D	10.3	9.74	mg/kg	2.99	mg/kg
S41:SL:SF02-01	SL	0.	2.	7440-39-3	Barium	INORG	104.	mg/kg	0.08	*	J	9904011-08D	104	103.05	mg/kg	100,000.	mg/kg
S41:SL:SF02-01	SL	0.	2.	7440-43-9	Cadmium	INORG	0.99	mg/kg	0.06	B		9904011-08D	0.99	0.94	mg/kg	934.3	mg/kg
S41:SL:SF02-01	SL	0.	2.	7440-48-4	Cobalt	INORG	12.6	mg/kg	0.15	*	J	9904011-08D	12.6	10.22	mg/kg	28,620.2	mg/kg
S41:SL:SF02-01	SL	0.	2.	7440-50-8	Copper	INORG	27.3	mg/kg	0.1	*N	J	9904011-08D	27.3	25.19	mg/kg	69,569.94	mg/kg
S41:SL:SF02-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.06	mg/kg	0.02			9904011-08D	0.06	0.032	mg/kg	510.	mg/kg
S41:SL:SF02-01	SL	0.	2.	7440-02-0	Nickel	INORG	32.7	mg/kg	0.23	*	J	9904011-08D	32.7	29.55	mg/kg	37,461.94	mg/kg
S41:SL:SF02-01	SL	0.	2.	7440-22-4	Silver	INORG	0.24	mg/kg	0.15	B		9904011-08D	0.24	0.2	mg/kg	9,365.75	mg/kg
S41:SL:SF02-01	SL	0.	2.	7440-31-5	Tin	INORG	2.3	mg/kg	0.84			9904011-08D	2.3	1.18	mg/kg	100,000.	mg/kg
S41:SL:SF03-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**9.1**	**mg/kg**	0.53	*N	J	9904011-12D	9.1	9.74	mg/kg	2.99	mg/kg
S41:SL:SF03-01	SL	0.	2.	7440-22-4	Silver	INORG	0.3	mg/kg	0.15	B		9904011-12D	0.30	0.2	mg/kg	9,365.75	mg/kg
S41:SL:SF03-01	SL	0.	2.	7440-31-5	Tin	INORG	2.5	mg/kg	0.88			9904011-12D	2.5	1.18	mg/kg	100,000.	mg/kg
S42:SL:SL01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**4.5**	**mg/kg**	0.38			9904035-01D	4.5	9.74	mg/kg	2.99	mg/kg
S42:SL:SL01-01	SL	0.	2.	7440-47-3	Chromium	INORG	**90.**	**mg/kg**	0.08			9904035-01D	90.0	28.34	mg/kg	64.05	mg/kg
S42:SL:SL01-02	SL	2.	4.	7440-38-2	Arsenic	INORG	**25.9**	**mg/kg**	0.46			9904035-02D	25.9	9.74	mg/kg	2.99	mg/kg
S42:SL:SL01-02	SL	2.	4.	7440-39-3	Barium	INORG	131.	mg/kg	0.08	*	J	9904035-02D	131	103.05	mg/kg	100,000.	mg/kg
S42:SL:SL01-02	SL	2.	4.	7440-41-7	Beryllium	INORG	1.2	mg/kg	0.04			9904035-02D	1.2	1	mg/kg	3,400.	mg/kg
S42:SL:SL01-02	SL	2.	4.	7440-43-9	Cadmium	INORG	1.2	mg/kg	0.06			9904035-02D	1.2	0.94	mg/kg	934.3	mg/kg
S42:SL:SL01-02	SL	2.	4.	7440-47-3	Chromium	INORG	30.1	mg/kg	0.1			9904035-02D	30.1	28.34	mg/kg	64.05	mg/kg
S42:SL:SL01-02	SL	2.	4.	7440-48-4	Cobalt	INORG	22.7	mg/kg	0.14	*	J	9904035-02D	22.7	10.22	mg/kg	28,620.2	mg/kg
S42:SL:SL01-02	SL	2.	4.	7440-50-8	Copper	INORG	44.4	mg/kg	0.1			9904035-02D	44.4	25.19	mg/kg	69,569.94	mg/kg
S42:SL:SL01-02	SL	2.	4.	7440-02-0	Nickel	INORG	61.7	mg/kg	0.21			9904035-02D	61.7	29.55	mg/kg	37,461.94	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	QC Flag	Lab Sample ID	Original Result	Average Background	Unit	Region 9 PRG Standard	Unit
S42:SL:SL01-02	SL	2.	4.	7782-49-2	Selenium	INORG	1.2	mg/kg	0.54			9904035-02D	1.2	0.97	mg/kg	9,365.75	mg/kg
S42:SL:SL01-02	SL	2.	4.	7440-62-2	Vanadium	INORG	54.1	mg/kg	0.17			9904035-02D	54.1	42.48	mg/kg	13,112.	mg/kg
S42:SL:SL01-02	SL	2.	4.	7440-66-6	Zinc	INORG	98.	mg/kg	0.91			9904035-02D	98.0	78.05	mg/kg	100,000.	mg/kg
S43:SL:SL01-04	SL	6.	8.	7440-38-2	Arsenic	INORG	**8.2**	**mg/kg**	0.59			9904065-12D	8.2	9.74	mg/kg	2.99	mg/kg
S43:SL:SL01-04	SL	6.	8.	7440-39-3	Barium	INORG	111.	mg/kg	0.1			9904065-12D	111	103.05	mg/kg	100,000.	mg/kg
S43:SL:SL01-04	SL	6.	8.	7440-41-7	Beryllium	INORG	1.2	mg/kg	0.05			9904065-12D	1.2	1	mg/kg	3,400.	mg/kg
S43:SL:SL01-04	SL	6.	8.	7440-47-3	Chromium	INORG	32.8	mg/kg	0.12			9904065-12D	32.8	28.34	mg/kg	64.05	mg/kg
S43:SL:SL01-04	SL	6.	8.	7440-48-4	Cobalt	INORG	11.1	mg/kg	0.17			9904065-12D	11.1	10.22	mg/kg	28,620.2	mg/kg
S43:SL:SL01-04	SL	6.	8.	7440-50-8	Copper	INORG	28.4	mg/kg	0.12			9904065-12D	28.4	25.19	mg/kg	69,569.94	mg/kg
S43:SL:SL01-04	SL	6.	8.	7440-02-0	Nickel	INORG	34.9	mg/kg	0.27			9904065-12D	34.9	29.55	mg/kg	37,461.94	mg/kg
S43:SL:SL01-04	SL	6.	8.	7782-49-2	Selenium	INORG	1.2	mg/kg	0.69	BN	J	9904065-12D	1.2	0.97	mg/kg	9,365.75	mg/kg
S43:SL:SL01-04	SL	6.	8.	7440-31-5	Tin	INORG	1.4	mg/kg	0.98	B		9904065-12D	1.4	1.18	mg/kg	100,000.	mg/kg
S43:SL:SL01-04	SL	6.	8.	7440-62-2	Vanadium	INORG	45.9	mg/kg	0.22			9904065-12D	45.9	42.48	mg/kg	13,112.	mg/kg
S43:SL:SL01-04	SL	6.	8.	7440-66-6	Zinc	INORG	86.9	mg/kg	1.2			9904065-12D	86.9	78.05	mg/kg	100,000.	mg/kg
S43:SL:SL01-05	SL	8.	10.	7440-38-2	Arsenic	INORG	**14.3**	**mg/kg**	0.51			9904065-13D	14.3	9.74	mg/kg	2.99	mg/kg
S43:SL:SL01-05	SL	8.	10.	7440-41-7	Beryllium	INORG	1.1	mg/kg	0.04			9904065-13D	1.1	1	mg/kg	3,400.	mg/kg
S43:SL:SL01-05	SL	8.	10.	7440-43-9	Cadmium	INORG	0.98	mg/kg	0.06	B		9904065-13D	0.98	0.94	mg/kg	934.3	mg/kg
S43:SL:SL01-05	SL	8.	10.	7440-47-3	Chromium	INORG	29.6	mg/kg	0.11			9904065-13D	29.6	28.34	mg/kg	64.05	mg/kg
S43:SL:SL01-05	SL	8.	10.	7440-50-8	Copper	INORG	30.8	mg/kg	0.11			9904065-13D	30.8	25.19	mg/kg	69,569.94	mg/kg
S43:SL:SL01-05	SL	8.	10.	7440-02-0	Nickel	INORG	29.9	mg/kg	0.24			9904065-13D	29.9	29.55	mg/kg	37,461.94	mg/kg
S43:SL:SL01-05	SL	8.	10.	7782-49-2	Selenium	INORG	1.7	mg/kg	0.6	N	J	9904065-13D	1.7	0.97	mg/kg	9,365.75	mg/kg
S43:SL:SL01-05	SL	8.	10.	7440-62-2	Vanadium	INORG	48.6	mg/kg	0.19			9904065-13D	48.6	42.48	mg/kg	13,112.	mg/kg
S43:SL:SL01-05	SL	8.	10.	7440-66-6	Zinc	INORG	85.4	mg/kg	1.			9904065-13D	85.4	78.05	mg/kg	100,000	mg/kg
S43:SL:SL02-04	SL	6.	8.	7440-38-2	Arsenic	INORG	**18.8**	**mg/kg**	0.55			9904065-14D	18.8	9.74	mg/kg	2.99	mg/kg
S43:SL:SL02-04	SL	6.	8.	7440-39-3	Barium	INORG	143.	mg/kg	0.09			9904065-14D	143	103.05	mg/kg	100,000.	mg/kg
S43:SL:SL02-04	SL	6.	8.	7440-41-7	Beryllium	INORG	1.2	mg/kg	0.05			9904065-14D	1.2	1	mg/kg	3,400.	mg/kg
S43:SL:SL02-04	SL	6.	8.	7440-43-9	Cadmium	INORG	1.6	mg/kg	0.07			9904065-14D	1.6	0.94	mg/kg	934.3	mg/kg
S43:SL:SL02-04	SL	6.	8.	7440-47-3	Chromium	INORG	33.2	mg/kg	0.11			9904065-14D	33.2	28.34	mg/kg	64.05	mg/kg
S43:SL:SL02-04	SL	6.	8.	7440-48-4	Cobalt	INORG	26.	mg/kg	0.16			9904065-14D	26.0	10.22	mg/kg	28,620.2	mg/kg
S43:SL:SL02-04	SL	6.	8.	7440-50-8	Copper	INORG	42.3	mg/kg	0.11			9904065-14D	42.3	25.19	mg/kg	69,569.94	mg/kg
S43:SL:SL02-04	SL	6.	8.	7440-02-0	Nickel	INORG	78.3	mg/kg	0.25			9904065-14D	78.3	29.55	mg/kg	37,461.94	mg/kg
S43:SL:SL02-04	SL	6.	8.	7782-49-2	Selenium	INORG	1.4	mg/kg	0.64	N	J	9904065-14D	1.4	0.97	mg/kg	9,365.75	mg/kg
S43:SL:SL02-04	SL	6.	8.	7440-22-4	Silver	INORG	0.38	mg/kg	0.16	B		9904065-14D	0.38	0.2	mg/kg	9,365.75	mg/kg
S43:SL:SL02-04	SL	6.	8.	7440-31-5	Tin	INORG	1.2	mg/kg	0.92	B		9904065-14D	1.2	1.18	mg/kg	100,000.	mg/kg
S43:SL:SL02-04	SL	6.	8.	7440-62-2	Vanadium	INORG	53.4	mg/kg	0.21			9904065-14D	53.4	42.48	mg/kg	13,112.	mg/kg
S43:SL:SL02-04	SL	6.	8.	7440-66-6	Zinc	INORG	95.9	mg/kg	1.1			9904065-14D	95.9	78.05	mg/kg	100,000.	mg/kg
S44:SL:SL01-02	SL	4.	6.	7440-38-2	Arsenic	INORG	**8.8**	**mg/kg**	0.51			9904065-09D	8.8	9.74	mg/kg	2.99	mg/kg
S44:SL:SL01-02	SL	4.	6.	7440-39-3	Barium	INORG	127.	mg/kg	0.09			9904065-09D	127	103.05	mg/kg	100,000.	mg/kg
S44:SL:SL01-02	SL	4.	6.	7440-41-7	Beryllium	INORG	1.	mg/kg	0.04			9904065-09D	1.0	1	mg/kg	3,400.	mg/kg
S44:SL:SL01-02	SL	4.	6.	7440-47-3	Chromium	INORG	30.7	mg/kg	0.11			9904065-09D	30.7	28.34	mg/kg	64.05	mg/kg
S44:SL:SL01-02	SL	4.	6.	7440-48-4	Cobalt	INORG	12.4	mg/kg	0.15			9904065-09D	12.4	10.22	mg/kg	28,620.2	mg/kg
S44:SL:SL01-02	SL	4.	6.	7439-97-6	Mercury	INORG	0.06	mg/kg	0.02			9904065-09D	0.06	0.032	mg/kg	510.	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Qual Flag	Lab Sample ID	Original Result	Average Background	Bkg Unit	Region 9 PRG Standard	PRG Unit
S44:SL:SL01-02	SL	4.	6.	7782-49-2	Selenium	INORG	1.	mg/kg	0.6	BN	J	9904065-09D	1.0	0.97	mg/kg	9,365.75	mg/kg
S44:SL:SL01-02	SL	4.	6.	7440-62-2	Vanadium	INORG	48.5	mg/kg	0.19			9904065-09D	48.5	42.48	mg/kg	13,112.	mg/kg
S44:SL:SL01-02	SL	4.	6.	7440-66-6	Zinc	INORG	79.6	mg/kg	1.			9904065-09D	79.6	78.05	mg/kg	100,000.	mg/kg
S44:SL:SL01-03	SL	6.	8.	7440-38-2	Arsenic	INORG	**6.5**	**mg/kg**	0.49			9904065-10D	6.5	9.74	mg/kg	2.99	mg/kg
S44:SL:SL01-03	SL	6.	8.	7440-39-3	Barium	INORG	177.	mg/kg	0.08			9904065-10D	177	103.05	mg/kg	100,000	mg/kg
S44:SL:SL01-03	SL	6.	8.	7440-41-7	Beryllium	INORG	1.3	mg/kg	0.04			9904065-10D	1.3	1	mg/kg	3,400.	mg/kg
S44:SL:SL01-03	SL	6.	8.	7440-47-3	Chromium	INORG	39.8	mg/kg	0.1			9904065-10D	39.8	28.34	mg/kg	64.05	mg/kg
S44:SL:SL01-03	SL	6.	8.	7440-48-4	Cobalt	INORG	10.6	mg/kg	0.14			9904065-10D	10.6	10.22	mg/kg	28,620.2	mg/kg
S44:SL:SL01-03	SL	6.	8.	7440-50-8	Copper	INORG	33.9	mg/kg	0.1			9904065-10D	33.9	25.19	mg/kg	69,569.94	mg/kg
S44:SL:SL01-03	SL	6.	8.	7440-02-0	Nickel	INORG	35.2	mg/kg	0.23			9904065-10D	35.2	29.55	mg/kg	37,461.94	mg/kg
S44:SL:SL01-03	SL	6.	8.	7440-31-5	Tin	INORG	1.4	mg/kg	0.82	B		9904065-10D	1.4	1.18	mg/kg	100,000	mg/kg
S44:SL:SL01-03	SL	6.	8.	7440-62-2	Vanadium	INORG	54.6	mg/kg	0.18			9904065-10D	54.6	42.48	mg/kg	13,112.	mg/kg
S44:SL:SL01-03	SL	6.	8.	7440-66-6	Zinc	INORG	95.7	mg/kg	0.96			9904065-10D	95.7	78.05	mg/kg	100,000	mg/kg
S44:SL:SL01-04	SL	8.	10.	7440-38-2	Arsenic	INORG	**11.6**	**mg/kg**	0.52			9904065-11D	11.6	9.74	mg/kg	2.99	mg/kg
S44:SL:SL01-04	SL	8.	10.	7440-48-4	Cobalt	INORG	12.3	mg/kg	0.15			9904065-11D	12.3	10.22	mg/kg	28,620.2	mg/kg
S44:SL:SL01-04	SL	8.	10.	7440-50-8	Copper	INORG	28.1	mg/kg	0.11			9904065-11D	28.1	25.19	mg/kg	69,569.94	mg/kg
S44:SL:SL01-04	SL	8.	10.	7440-02-0	Nickel	INORG	33.6	mg/kg	0.24			9904065-11D	33.6	29.55	mg/kg	37,461.94	mg/kg
S45:SL:SL01-04	SL	6.	8.	7440-38-2	Arsenic	INORG	**26.2**	**mg/kg**	0.46			9904035-08D	26.2	9.74	mg/kg	2.99	mg/kg
S45:SL:SL01-04	SL	6.	8.	7440-39-3	Barium	INORG	109.	mg/kg	0.08	*	J	9904035-08D	109	103.05	mg/kg	100,000.	mg/kg
S45:SL:SL01-04	SL	6.	8.	7440-41-7	Beryllium	INORG	1.1	mg/kg	0.04			9904035-08D	1.1	1	mg/kg	3,400.	mg/kg
S45:SL:SL01-04	SL	6.	8.	7440-43-9	Cadmium	INORG	1.	mg/kg	0.06			9904035-08D	1.0	0.94	mg/kg	934.3	mg/kg
S45:SL:SL01-04	SL	6.	8.	7440-47-3	Chromium	INORG	28.5	mg/kg	0.1			9904035-08D	28.5	28.34	mg/kg	64.05	mg/kg
S45:SL:SL01-04	SL	6.	8.	7440-48-4	Cobalt	INORG	24.5	mg/kg	0.13	*	J	9904035-08D	24.5	10.22	mg/kg	28,620.2	mg/kg
S45:SL:SL01-04	SL	6.	8.	7440-50-8	Copper	INORG	41.8	mg/kg	0.1			9904035-08D	41.8	25.19	mg/kg	69,569.94	mg/kg
S45:SL:SL01-04	SL	6.	8.	7440-02-0	Nickel	INORG	46.8	mg/kg	0.21			9904035-08D	46.8	29.55	mg/kg	37,461.94	mg/kg
S45:SL:SL01-04	SL	6.	8.	7440-62-2	Vanadium	INORG	48.7	mg/kg	0.17			9904035-08D	48.7	42.48	mg/kg	13,112.	mg/kg
S45:SL:SL01-04	SL	6.	8.	7440-66-6	Zinc	INORG	87.7	mg/kg	0.91			9904035-08D	87.7	78.05	mg/kg	100,000.	mg/kg
S46:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**10.7**	**mg/kg**	0.49			9904012-16D	10.7	9.74	mg/kg	2.99	mg/kg
S46:SL:SF01-01	SL	0.	2.	7440-39-3	Barium	INORG	137.	mg/kg	0.08			9904012-16D	137	103.05	mg/kg	100,000.	mg/kg
S46:SL:SF01-01	SL	0.	2.	7440-41-7	Beryllium	INORG	1.1	mg/kg	0.04			9904012-16D	1.1	1	mg/kg	3,400.	mg/kg
S46:SL:SF01-01	SL	0.	2.	7440-43-9	Cadmium	INORG	1.3	mg/kg	0.06			9904012-16D	1.3	0.94	mg/kg	934.3	mg/kg
S46:SL:SF01-01	SL	0.	2.	7440-47-3	Chromium	INORG	30.5	mg/kg	0.1			9904012-16D	30.5	28.34	mg/kg	64.05	mg/kg
S46:SL:SF01-01	SL	0.	2.	7440-48-4	Cobalt	INORG	16.7	mg/kg	0.14	*	J	9904012-16D	16.7	10.22	mg/kg	28,620.2	mg/kg
S46:SL:SF01-01	SL	0.	2.	7440-50-8	Copper	INORG	28.2	mg/kg	0.1			9904012-16D	28.2	25.19	mg/kg	69,569.94	mg/kg
S46:SL:SF01-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.04	mg/kg	0.02			9904012-16D	0.04	0.032	mg/kg	510.	mg/kg
S46:SL:SF01-01	SL	0.	2.	7440-02-0	Nickel	INORG	38.5	mg/kg	0.22			9904012-16D	38.5	29.55	mg/kg	37,461.94	mg/kg
S46:SL:SF01-01	SL	0.	2.	7440-31-5	Tin	INORG	2.2	mg/kg	0.81			9904012-16D	2.2	1.18	mg/kg	100,000.	mg/kg
S46:SL:SF01-01	SL	0.	2.	7440-62-2	Vanadium	INORG	44.1	mg/kg	0.18			9904012-16D	44.1	42.48	mg/kg	13,112.	mg/kg
S46:SL:SF01-01	SL	0.	2.	7440-66-6	Zinc	INORG	96.9	mg/kg	0.95			9904012-16D	96.9	78.05	mg/kg	100,000.	mg/kg
S47:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**6.7**	**mg/kg**	0.5	*N	J	9904018-13D	6.7	9.74	mg/kg	2.99	mg/kg
S47:SL:SF01-01	SL	0.	2.	7440-43-9	Cadmium	INORG	0.96	mg/kg	0.06	B		9904018-13D	0.96	0.94	mg/kg	934.3	mg/kg
S47:SL:SF01-01	SL	0.	2.	7440-47-3	Chromium	INORG	56.9	mg/kg	0.1			9904018-13D	56.9	28.34	mg/kg	64.05	mg/kg

APPENDIX D
SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Q Flag	Lab Sample ID	Original Result	Average Background	Bkg Unit	Region 9 PRG Standard	PRG Unit
S47:SL:SF01-01	SL	0.	2.	7440-66-6	Zinc	INORG	138.	mg/kg	0.98			9904018-13D	138	78.05	mg/kg	100,000.	mg/kg
S47:SL:SF01-02	SL	4.	6.	7440-38-2	Arsenic	INORG	**8.4**	**mg/kg**	0.55	*N	J	9904018-12D	8.4	9.74	mg/kg	2.99	mg/kg
S48:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**8.5**	**mg/kg**	0.43	N	J	9904008-09D	8.5	9.74	mg/kg	2.99	mg/kg
S48:SL:SF01-01	SL	0.	2.	7440-48-4	Cobalt	INORG	10.9	mg/kg	0.12			9904008-09D	10.9	10.22	mg/kg	28,620.2	mg/kg
S48:SL:SF01-01	SL	0.	2.	7440-31-5	Tin	INORG	1.5	mg/kg	0.71	B		9904008-09D	1.5	1.18	mg/kg	100,000.	mg/kg
S49:SL:SF01-01	SL	0.	2.	7440-31-5	Tin	INORG	1.3	mg/kg	0.64	B		9904008-17D	1.3	1.18	mg/kg	100,000.	mg/kg
S50:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**7.4**	**mg/kg**	0.42	*N	J	9904018-11D	7.4	9.74	mg/kg	2.99	mg/kg
S50:SL:SF01-01	SL	0.	2.	7440-39-3	Barium	INORG	182.	mg/kg	0.07	*N	J	9904018-11D	182	103.05	mg/kg	100,000.	mg/kg
S50:SL:SF01-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.05	mg/kg	0.02		J	9904018-11D	0.05	0.032	mg/kg	510.	mg/kg
S51:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**9.7**	**mg/kg**	0.51			9904012-02D	9.7	9.74	mg/kg	2.99	mg/kg
S51:SL:SF01-01	SL	0.	2.	7440-39-3	Barium	INORG	130.	mg/kg	0.09			9904012-02D	130	103.05	mg/kg	100,000.	mg/kg
S51:SL:SF01-01	SL	0.	2.	7440-43-9	Cadmium	INORG	1.2	mg/kg	0.06			9904012-02D	1.2	0.94	mg/kg	934.3	mg/kg
S51:SL:SF01-01	SL	0.	2.	7440-48-4	Cobalt	INORG	11.	mg/kg	0.15	*	J	9904012-02D	11.0	10.22	mg/kg	28,620.2	mg/kg
S51:SL:SF01-01	SL	0.	2.	7440-50-8	Copper	INORG	26.1	mg/kg	0.11			9904012-02D	26.1	25.19	mg/kg	69,569.94	mg/kg
S51:SL:SF01-01	SL	0.	2.	7440-22-4	Silver	INORG	0.2	mg/kg	0.15	B		9904012-02D	0.20	0.2	mg/kg	9,365.75	mg/kg
S51:SL:SF01-01	SL	0.	2.	7440-31-5	Tin	INORG	2.7	mg/kg	0.85			9904012-02D	2.7	1.18	mg/kg	100,000.	mg/kg
S51:SL:SF01-01	SL	0.	2.	7440-66-6	Zinc	INORG	80.2	mg/kg	1.			9904012-02D	80.2	78.05	mg/kg	100,000.	mg/kg
S52:SL:SF01-01	SL	0.	2.	7440-38-2	Arsenic	INORG	**3.8**	**mg/kg**	0.52	*N	J	9903249-12D	3.8	9.74	mg/kg	2.99	mg/kg
S52:SL:SF01-01	SL	0.	2.	7440-39-3	Barium	INORG	113.	mg/kg	0.09			9903249-12D	113	103.05	mg/kg	100,000.	mg/kg
S52:SL:SF01-01	SL	0.	2.	7439-97-6	Mercury	INORG	0.05	mg/kg	0.02			9903249-12D	0.05	0.032	mg/kg	510.	mg/kg
TP5	SL	5.	5.	7440-38-2	Arsenic	INORG	**7.6**	**mg/kg**	0.44			9905089-02D	7.6	9.74	mg/kg	2.99	mg/kg
TP5	SL	5.	5.	7440-39-3	Barium	INORG	110.	mg/kg	0.07			9905089-02D	110	103.05	mg/kg	100,000.	mg/kg
TP6	SL	5.	5.	7440-38-2	Arsenic	INORG	**8.1**	**mg/kg**	0.39			9905089-03D	8.1	9.74	mg/kg	2.99	mg/kg
TP6	SL	5.	5.	7439-97-6	Mercury	INORG	0.04	mg/kg	0.02		J	9905089-03D	0.04	0.032	mg/kg	510.	mg/kg
TP6	SL	5.	5.	7440-31-5	Tin	INORG	1.2	mg/kg	0.66	B	J	9905089-03D	1.2	1.18	mg/kg	100,000.	mg/kg
TP7	SL	5.	5.	7440-38-2	Arsenic	INORG	**7.8**	**mg/kg**	0.51			9905089-04D	7.8	9.74	mg/kg	2.99	mg/kg
TP7	SL	5.	5.	7440-39-3	Barium	INORG	220.	mg/kg	0.08			9905089-04D	220	103.05	mg/kg	100,000.	mg/kg
TP7	SL	5.	5.	7440-47-3	Chromium	INORG	31.3	mg/kg	0.11			9905089-04D	31.3	28.34	mg/kg	64.05	mg/kg
TP7	SL	5.	5.	7440-50-8	Copper	INORG	44.4	mg/kg	0.11			9905089-04D	44.4	25.19	mg/kg	69,569.94	mg/kg
TP7	SL	5.	5.	7439-92-1	Lead	INORG	38.7	mg/kg	0.23			9905089-04D	38.7	14.14	mg/kg	1,000	mg/kg
TP7	SL	5.	5.	7439-97-6	Mercury	INORG	0.13	mg/kg	0.02		J	9905089-04D	0.13	0.032	mg/kg	510.	mg/kg
TP7	SL	5.	5.	7440-31-5	Tin	INORG	2.8	mg/kg	0.84		J	9905089-04D	2.8	1.18	mg/kg	100,000.	mg/kg
TP7	SL	5.	5.	7440-66-6	Zinc	INORG	161.	mg/kg	0.99			9905089-04D	161	78.05	mg/kg	100,000.	mg/kg
TP8	SL	5.	5.	7440-38-2	Arsenic	INORG	19.3	mg/kg	0.54			9905089-01D	19.3	9.74	mg/kg	2.99	mg/kg
TP8	SL	5.	5.	7440-39-3	Barium	INORG	134.	mg/kg	0.09			9905089-01D	134	103.05	mg/kg	100,000.	mg/kg
TP8	SL	5.	5.	7440-41-7	Beryllium	INORG	1.	mg/kg	0.05			9905089-01D	1.0	1	mg/kg	3,400.	mg/kg
TP8	SL	5.	5.	7440-47-3	Chromium	INORG	34.5	mg/kg	0.11			9905089-01D	34.5	28.34	mg/kg	64.05	mg/kg
TP8	SL	5.	5.	7440-48-4	Cobalt	INORG	11.3	mg/kg	0.16			9905089-01D	11.3	10.22	mg/kg	28,620.2	mg/kg
TP8	SL	5.	5.	7440-50-8	Copper	INORG	37.4	mg/kg	0.11			9905089-01D	37.4	25.19	mg/kg	69,569.94	mg/kg
TP8	SL	5.	5.	7439-97-6	Mercury	INORG	0.1	mg/kg	0.02		J	9905089-01D	0.10	0.032	mg/kg	510	mg/kg
TP8	SL	5.	5.	7440-02-0	Nickel	INORG	35.	mg/kg	0.25			9905089-01D	35.0	29.55	mg/kg	37,461.94	mg/kg
TP8	SL	5.	5.	7440-31-5	Tin	INORG	1.9	mg/kg	0.9	B	J	9905089-01D	1.9	1.18	mg/kg	100,000.	mg/kg

APPENDIX D

SOIL INORGANIC SAMPLING RESULTS COMPARED TO SITE BACKGROUND AVERAGE AND EPA REGION 9 PRGs

WASTE MANAGEMENT OF OHIO-VICKERY

PHASE I RFI

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Q Flag	Lab sample ID	Original Result	Average Background	Unit	Region 9 PRG Standard	Unit
TP8	SL	5.	5.	7440-62-2	Vanadium	INORG	48.9	mg/kg	0.2			9905089-01D	48.9	42.48	mg/kg	13,112.	mg/kg
TP8	SL	5.	5.	7440-38-2	Arsenic	INORG	**19.3**	mg/kg	0.54			9905089-01D	19.3	9.74	mg/kg	2.99	mg/kg

Notes:

1. Background Standard was calculated using averages of the inorganic results from the background sample points
2. Bold indicates exceedance of the EPA Region 9 PRG standard
3. Sample Matrix (SL) = Soil
4. Laboratory Qualifiers include:
   - B = Indicates that the compound was found in the associate blank
   - N = Flashpoint not observed; heated to specified limit
   - * = Value obtained from a 1:5 dilution
   - E = Indicates that the concentration exceeded the calibration range of the instrument
5. Data Validation Qualifiers include:
   - J = Estimated due to failed QC criteria

APPENDIX D
GROUNDWATER INORGANIC SAMPLING RESULTS COMPARED TO BACKGROUND WELL INORGANIC RESULTS
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Collection Date	Sample Matrix	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Q Flag	Method	Lab Sample ID	Background Well Concentration	Bkg Unit
L19A	05-May-99	WT	7440-38-2	Arsenic	INORG	**7.3**	ug/l	2.3			SW846 6010	9905054-06A	3.8	ug/l
L19A	05-May-99	WT	7440-39-3	Barium	INORG	**70.2**	ug/l	1.2			SW846 6010	9905054-06A	59.6	ug/l
L19A	05-May-99	WT	7440-43-9	Cadmium	INORG	**4.5**	ug/l	0.6	B		SW846 6010	9905054-06A	1.6	ug/l
L19A	05-May-99	WT	7440-47-3	Chromium	INORG	0.76	ug/l	0.6	B		SW846 6010	9905054-06A	157	ug/l
L19A	05-May-99	WT	7440-48-4	Cobalt	INORG	**57.**	ug/l	0.9			SW846 6010	9905054-06A	6.6	ug/l
L19A	05-May-99	WT	7439-92-1	Lead	INORG	1.5	ug/l	1.4	B		SW846 6010	9905054-06A	11.3	ug/l
L19A	05-May-99	WT	7439-97-6	Mercury	INORG	0.14	ug/l	0.1	B		SW846 7470	9905054-06A	0.25	ug/l
L19A	05-May-99	WT	7440-02-0	Nickel	INORG	**200.**	ug/l	1.4			SW846 6010	9905054-06A	89.9	ug/l
L19A	05-May-99	WT	7440-22-4	Silver	INORG	0.84	ug/l	0.6	B		SW846 6010	9905054-06A	1.9	ug/l
L19A	05-May-99	WT	7440-62-2	Vanadium	INORG	2.2	ug/l	0.7	B		SW846 6010	9905054-06A	4.8	ug/l
L19A	05-May-99	WT	7440-66-6	Zinc	INORG	**28.6**	ug/l	11.7			SW846 6010	9905054-06A	12.1	ug/l
L19A(FILTERED)	04-May-99	WT	7440-36-0	Antimony	INORG	3.5	ug/l	2.5	B		SW846 6010	9905054-07A		
L19A(FILTERED)	04-May-99	WT	7440-38-2	Arsenic	INORG	4.8	ug/l	2.3			SW846 6010	9905054-07A		
L19A(FILTERED)	04-May-99	WT	7440-39-3	Barium	INORG	**71.6**	ug/l	1.2			SW846 6010	9905054-07A	46.2	ug/l
L19A(FILTERED)	04-May-99	WT	7440-43-9	Cadmium	INORG	**4.8**	ug/l	0.6	B		SW846 6010	9905054-07A	0.95	ug/l
L19A(FILTERED)	04-May-99	WT	7440-48-4	Cobalt	INORG	**37.8**	ug/l	0.9			SW846 6010	9905054-07A	5.3	ug/l
L19A(FILTERED)	04-May-99	WT	7440-02-0	Nickel	INORG	**135.**	ug/l	1.4			SW846 6010	9905054-07A	81.5	ug/l
L19A(FILTERED)	04-May-99	WT	7782-49-2	Selenium	INORG	2.4	ug/l	2.3	B		SW846 6010	9905054-07A		
L19A(FILTERED)	04-May-99	WT	7440-62-2	Vanadium	INORG	1.1	ug/l	0.7	B		SW846 6010	9905054-07A		
L19A(FILTERED)	04-May-99	WT	7440-66-6	Zinc	INORG	14.5	ug/l	11.7			SW846 6010	9905054-07A		
L20	04-May-99	WT	7440-36-0	Antimony	INORG	4.4	ug/l	2.5	B		SW846 6010	9905054-08G		
L20	04-May-99	WT	7440-38-2	Arsenic	INORG	**6.2**	ug/l	2.3			SW846 6010	9905054-08G	3.8	ug/l
L20	04-May-99	WT	7440-39-3	Barium	INORG	32.3	ug/l	1.2			SW846 6010	9905054-08G	59.6	ug/l
L20	04-May-99	WT	7440-43-9	Cadmium	INORG	0.67	ug/l	0.6	B		SW846 6010	9905054-08G	1.6	ug/l
L20	04-May-99	WT	7440-47-3	Chromium	INORG	**3,380.**	ug/l	0.6			SW846 6010	9905054-08G	157	ug/l
L20	04-May-99	WT	7440-48-4	Cobalt	INORG	4.6	ug/l	0.9	B		SW846 6010	9905054-08G	6.6	ug/l
L20	04-May-99	WT	7440-02-0	Nickel	INORG	**270.**	ug/l	1.4			SW846 6010	9905054-08G	89.9	ug/l
L20	04-May-99	WT	7440-62-2	Vanadium	INORG	**17.6**	ug/l	0.7			SW846 6010	9905054-08G	4.8	ug/l
L20	04-May-99	WT	7440-66-6	Zinc	INORG	**19.7**	ug/l	11.7			SW846 6010	9905054-08G	12.1	ug/l
L20(FILTERED)	04-May-99	WT	7440-39-3	Barium	INORG	22.2	ug/l	1.2			SW846 6010	9905054-09A	46.2	ug/l
L20(FILTERED)	04-May-99	WT	7440-48-4	Cobalt	INORG	1.9	ug/l	0.9	B		SW846 6010	9905054-09A	5.3	ug/l
L20(FILTERED)	04-May-99	WT	7440-02-0	Nickel	INORG	**149.**	ug/l	1.4			SW846 6010	9905054-09A	81.5	ug/l
L25	03-May-99	WT	7440-38-2	Arsenic	INORG	**121.**	ug/l	2.3			SW846 6010	9905037-13I	3.8	ug/l
L25	03-May-99	WT	7440-39-3	Barium	INORG	**1,060.**	ug/l	1.2			SW846 6010	9905037-13I	59.6	ug/l
L25	03-May-99	WT	7440-41-7	Beryllium	INORG	7.	ug/l	0.3			SW846 6010	9905037-13I		
L25	03-May-99	WT	7440-43-9	Cadmium	INORG	**7.**	ug/l	0.6			SW846 6010	9905037-13I	1.6	ug/l
L25	03-May-99	WT	7440-47-3	Chromium	INORG	**11,300.**	ug/l	6.			SW846 6010	9905037-13I	157	ug/l
L25	03-May-99	WT	7440-48-4	Cobalt	INORG	**141.**	ug/l	0.9			SW846 6010	9905037-13I	6.6	ug/l
L25	03-May-99	WT	7440-50-8	Copper	INORG	556.	ug/l	1.8			SW846 6010	9905037-13I		
L25	03-May-99	WT	7439-92-1	Lead	INORG	**123.**	ug/l	1.4			SW846 6010	9905037-13I	11.3	ug/l

APPENDIX D
GROUNDWATER INORGANIC SAMPLING RESULTS COMPARED TO BACKGROUND WELL INORGANIC RESULTS
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Collection Date	Sample Matrix	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Q Flag	Method	Lab Sample ID	Background Well Concentration	Bkg Unit
L25	03-May-99	WT	7439-97-6	Mercury	INORG	0.1	ug/l	0.1	B		SW846 7470	9905037-13I	0.25	ug/l
L25	03-May-99	WT	7440-02-0	Nickel	INORG	**1,930.**	ug/l	1.4			SW846 6010	9905037-13I	89.9	ug/l
L25	03-May-99	WT	7440-22-4	Silver	INORG	1.2	ug/l	0.6	B		SW846 6010	9905037-13I	1.9	ug/l
L25	03-May-99	WT	7440-31-5	Tin	INORG	12.8	ug/l	5.6			SW846 6010	9905037-13I		
L25	03-May-99	WT	7440-62-2	Vanadium	INORG	**303.**	ug/l	0.7			SW846 6010	9905037-13I	4.8	ug/l
L25	03-May-99	WT	7440-66-6	Zinc	INORG	**675.**	ug/l	11.7			SW846 6010	9905037-13I	12.1	ug/l
L25(FITLERED)	03-May-99	WT	7440-39-3	Barium	INORG	**59.**	ug/l	1.2			SW846 6010	9905037-14A	46.2	ug/l
L25(FITLERED)	03-May-99	WT	7440-47-3	Chromium	INORG	0.64	ug/l	0.6	B		SW846 6010	9905037-14A	1.8	ug/l
L25(FITLERED)	03-May-99	WT	7440-48-4	Cobalt	INORG	3.1	ug/l	0.9	B		SW846 6010	9905037-14A	5.3	ug/l
L25(FITLERED)	03-May-99	WT	7440-02-0	Nickel	INORG	**164.**	ug/l	1.4			SW846 6010	9905037-14A	81.5	ug/l
L25(FITLERED)	03-May-99	WT	7440-22-4	Silver	INORG	0.67	ug/l	0.6	B		SW846 6010	9905037-14A	1.9	ug/l
L26	04-May-99	WT	7440-38-2	Arsenic	INORG	3.8	ug/l	2.3			SW846 6010	9905042-01K	3.8	ug/l
L26	04-May-99	WT	7440-39-3	Barium	INORG	59.6	ug/l	1.2			SW846 6010	9905042-01K	59.6	ug/l
L26	04-May-99	WT	7440-43-9	Cadmium	INORG	1.6	ug/l	0.6	B		SW846 6010	9905042-01K	1.6	ug/l
L26	04-May-99	WT	7440-47-3	Chromium	INORG	157.	ug/l	0.6			SW846 6010	9905042-01K	157.	ug/l
L26	04-May-99	WT	7440-48-4	Cobalt	INORG	6.6	ug/l	0.9	B		SW846 6010	9905042-01K	6.6	ug/l
L26	04-May-99	WT	7439-92-1	Lead	INORG	11.3	ug/l	1.4			SW846 6010	9905042-01K	11.3	ug/l
L26	04-May-99	WT	7439-97-6	Mercury	INORG	0.25	ug/l	0.1			SW846 7470	9905042-01K	0.25	ug/l
L26	04-May-99	WT	7440-02-0	Nickel	INORG	89.9	ug/l	1.4			SW846 6010	9905042-01K	89.9	ug/l
L26	04-May-99	WT	7782-49-2	Selenium	INORG	2.4	ug/l	2.3	B		SW846 6010	9905042-01K	2.4	ug/l
L26	04-May-99	WT	7440-22-4	Silver	INORG	1.9	ug/l	0.6	B		SW846 6010	9905042-01K	1.9	ug/l
L26	04-May-99	WT	7440-62-2	Vanadium	INORG	4.8	ug/l	0.7	B		SW846 6010	9905042-01K	4.8	ug/l
L26	04-May-99	WT	7440-66-6	Zinc	INORG	12.1	ug/l	11.1			SW846 6010	9905042-01K	12.1	ug/l
L26(FILTERED)	04-May-99	WT	7440-39-3	Barium	INORG	46.2	ug/l	1.2			SW846 6010	9905042-02A	46.2	ug/l
L26(FILTERED)	04-May-99	WT	7440-43-9	Cadmium	INORG	0.95	ug/l	0.6	B		SW846 6010	9905042-02A	0.95	ug/l
L26(FILTERED)	04-May-99	WT	7440-47-3	Chromium	INORG	1.8	ug/l	0.6	B		SW846 6010	9905042-02A	1.8	ug/l
L26(FILTERED)	04-May-99	WT	7440-48-4	Cobalt	INORG	5.3	ug/l	0.9	B		SW846 6010	9905042-02A	5.3	ug/l
L26(FILTERED)	04-May-99	WT	7439-92-1	Lead	INORG	2.	ug/l	1.4	B		SW846 6010	9905042-02A	2.	ug/l
L26(FILTERED)	04-May-99	WT	7440-02-0	Nickel	INORG	81.5	ug/l	1.4			SW846 6010	9905042-02A	81.5	ug/l
L26(FILTERED)	04-May-99	WT	7440-22-4	Silver	INORG	1.9	ug/l	0.6	B		SW846 6010	9905042-02A	1.9	ug/l
CAPILLARY DRAIN	03-May-99	WT	7440-39-3	Barium	INORG	30.9	ug/l	1.2			SW846 6010	9905037-07J	59.6	ug/l
CAPILLARY DRAIN	03-May-99	WT	7440-02-0	Nickel	INORG	8.4	ug/l	1.4	B		SW846 6010	9905037-07J	89.9	ug/l
CAPILLARY DRAIN	03-May-99	WT	7782-49-2	Selenium	INORG	**7.1**	ug/l	2.3	N	J	SW846 6010	9905037-07J	2.4	ug/l
CAPILLARY DRAIN(FILTERE	03-May-99	WT	7440-38-2	Arsenic	INORG	2.3	ug/l	2.3	B		SW846 6010	9905037-08A		
CAPILLARY DRAIN(FILTERE	03-May-99	WT	7440-39-3	Barium	INORG	31.2	ug/l	1.2			SW846 6010	9905037-08A	46.2	ug/l
CAPILLARY DRAIN(FILTERE	03-May-99	WT	7440-02-0	Nickel	INORG	8.4	ug/l	1.4	B		SW846 6010	9905037-08A	81.5	ug/l
CAPILLARY DRAIN(FILTERE	03-May-99	WT	7782-49-2	Selenium	INORG	5.4	ug/l	2.3	N	J	SW846 6010	9905037-08A		
MW14R	03-May-99	WT	7439-97-6	Mercury	INORG	0.12	ug/l	0.1	B		SW846 7470	9905037-16G		
MW14R(FILTERED)	03-May-99	WT	7782-49-2	Selenium	INORG	2.6	ug/l	2.3	BN	J	SW846 6010	9905037-17A		

APPENDIX D
GROUNDWATER INORGANIC SAMPLING RESULTS COMPARED TO BACKGROUND WELL INORGANIC RESULTS
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Field Sample Identification	Sample Collection Date	Sample Matrix	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Q Flag	Method	Lab Sample ID	Background Well Concentration	Bkg Unit
MW15R	03-May-99	WT	7782-49-2	Selenium	INORG	2.6	ug/l	2.3	BN	J	SW846 6010	9905037-04J		
MW15R(FILTERED)	03-May-99	WT	7782-49-2	Selenium	INORG	2.3	ug/l	2.3	BN	J	SW846 6010	9905037-05A		
MW20R	03-May-99	WT	7439-97-6	Mercury	INORG	0.36	ug/l	0.1			SW846 7470	9905037-01H		
MW24R	12-May-99	WT	7440-36-0	Antimony	INORG	3.5	ug/l	2.5	B		SW846 6010	9905098-01J	3.5	ug/l
MW24R	04-May-99	WT	7440-47-3	Chromium	INORG	1.1	ug/l	0.6	B		SW846 6010	9905042-04F	1.1	ug/l
MW24R	04-May-99	WT	7440-22-4	Silver	INORG	0.88	ug/l	0.6	B		SW846 6010	9905042-04F	0.88	ug/l

Notes:

1. Bold indicates exceedance of associated background well concentration
2. Bedrock well MW24R and Lacustrine well L26 used for background inorganic comparison
3. Blank indctaes analyte not found in associated background well
4. Sample Matrix (WT) = Water
5. Laboratory Qualifiers include:
   B = Indicates that the compound was found in the associate blank
   N = Flashpoint not observed; heated to specified limit
6. Data Validation Qualifiers include:
   J = Estimated due to failed QC criteria

APPENDIX E

Summary of Exceedances of Applicable Standards

APPENDIX E
SOIL SAMPLE RESULT EXCEEDANCES OF EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI
(ORGANICS)

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Qualifier Flag	Qualifier Flag	Lab Sample ID	Region 9 PRG Screening	PRG Units
ACA:SL:SF08-01	SL	0.	2.	91-57-6	2-Methylnaphthalene	SVOC	87.	ug/kg	380.	J		9904012-14D		
ACA:SL:SF08-01	SL	0.	2.	85-01-8	Phenanthrene	SVOC	180.	ug/kg	380.	J		9904012-14D		
ACA:SL:SF13-01	SL	0.	2.	191-24-2	Benzo[g,h,i]perylene	SVOC	73.	ug/kg	370.	J		9904011-13D		
ACA:SL:SF15-01	SL	0.	2.	50-32-8	Benzo[a]pyrene	SVOC	4,300.	ug/kg	180.		J	9904018-14D	360.	ug/kg
ACA:SL:SF15-01	SL	0.	2.	205-99-2	Benzo[b]fluoranthene	SVOC	5,300.	ug/kg	120.		J	9904018-14D	3,590.	ug/kg
ACA:SL:SF15-01	SL	0.	2.	191-24-2	Benzo[g,h,i]perylene	SVOC	3,500.	ug/kg	390.			9904018-14D		
ACA:SL:SF15-01	SL	0.	2.	53-70-3	Dibenz[a,h]anthracene	SVOC	740.	ug/kg	180.			9904018-14D	360.	ug/kg
ACA:SL:SF15-01	SL	0.	2.	85-01-8	Phenanthrene	SVOC	1,500.	ug/kg	390.			9904018-14D		
ACA:SL:SF18-01	SL	0.	2.	91-57-6	2-Methylnaphthalene	SVOC	49.	ug/kg	380.	J		9904019-06D		
ACA:SL:SF18-01	SL	0.	2.	191-24-2	Benzo[g,h,i]perylene	SVOC	69.	ug/kg	380.	J		9904019-06D		
ACA:SL:SF18-01	SL	0.	2.	85-01-8	Phenanthrene	SVOC	56.	ug/kg	380.	J		9904019-06D		
ACB:SL:SF01-01	SL	0.	2.	52-85-7	Famphur	OPPEST	136.3	ug/kg	811.79999	J	J	9904011-02D		
ACB:SL:SF01-01	SL	0.	2.	208-96-8	Acenaphthylene	SVOC	97.	ug/kg	410.	J		9904011-02D		
ACB:SL:SF01-01	SL	0.	2.	56-55-3	Benzo[a]anthracene	SVOC	5,200.	ug/kg	410.		J	9904011-02D	3,590.	ug/kg
ACB:SL:SF01-01	SL	0.	2.	50-32-8	Benzo[a]pyrene	SVOC	7,600.	ug/kg	190.	D	J	9904011-02D	360.	ug/kg
ACB:SL:SF01-01	SL	0.	2.	205-99-2	Benzo[b]fluoranthene	SVOC	10,000.	ug/kg	120.	D	J	9904011-02D	3,590.	ug/kg
ACB:SL:SF01-01	SL	0.	2.	191-24-2	Benzo[g,h,i]perylene	SVOC	6,600.	ug/kg	410.	D	J	9904011-02D		
ACB:SL:SF01-01	SL	0.	2.	53-70-3	Dibenz[a,h]anthracene	SVOC	1,500.	ug/kg	190.		J	9904011-02D	360.	ug/kg
ACB:SL:SF01-01	SL	0.	2.	193-39-5	Indeno[1,2,3-cd]pyrene	SVOC	6,200.	ug/kg	410.			9904011-02D	3,590.	ug/kg
ACB:SL:SF01-01	SL	0.	2.	85-01-8	Phenanthrene	SVOC	2,400.	ug/kg	410.		J	9904011-02D		
ACF:SL:SF02-01	SL	0.	2.	191-24-2	Benzo[g,h,i]perylene	SVOC	170.	ug/kg	410.	J		9904018-17D		
ACF:SL:SF02-01	SL	0.	2.	85-01-8	Phenanthrene	SVOC	110.	ug/kg	410.	J		9904018-17D		
ACH:SL:SF06-01	SL	0.	2.	191-24-2	Benzo[g,h,i]perylene	SVOC	44.	ug/kg	400.	J		9904019-04D		
ACH:SL:SF06-01	SL	0.	2.	85-01-8	Phenanthrene	SVOC	42.	ug/kg	400.	J		9904019-04D		
S01:SL:GNA5-01	SL	19.	21.	109-06-8	2-Picoline	SVOC	110.	ug/kg	420.	J		9904238-02D		
S01:SL:SL01-03	SL	6.	8.	91-57-6	2-Methylnaphthalene	SVOC	71,000.	ug/kg	20,000.	D		9904256-08D		
S01:SL:SL01-03	SL	6.	8.	50-32-8	Benzo[a]pyrene	SVOC	1,800.	ug/kg	8,900.	JD		9904256-08D	360.	ug/kg
S01:SL:SL01-03	SL	6.	8.	85-01-8	Phenanthrene	SVOC	36,000.	ug/kg	19,000.	D		9904256-08D		
S01:SL:SL02-05	SL	10.	12.	60-57-1	Dieldrin	PEST	200.	ug/kg	0.82	D	J	9904256-05D	190.	ug/kg
S01:SL:SL02-05	SL	10.	12.	91-57-6	2-Methylnaphthalene	SVOC	9,300.	ug/kg	4,100.	D		9904256-05D		
S01:SL:SL02-05	SL	10.	12.	85-01-8	Phenanthrene	SVOC	8,900.	ug/kg	4,100.	D		9904256-05D		
S01:SL:SL02-08	SL	16.	18.	91-57-6	2-Methylnaphthalene	SVOC	710.	ug/kg	4,100.	JD		9904256-06D		
S01:SL:SL02-08	SL	16.	18.	85-01-8	Phenanthrene	SVOC	390.	ug/kg	4,100.	JD		9904256-06D		
S02:SL:GNB5-01	SL	21.	23.	91-57-6	2-Methylnaphthalene	SVOC	180.	ug/kg	420.	J		9904235-01D		
S02:SL:GNB5-01	SL	21.	23.	191-24-2	Benzo[g,h,i]perylene	SVOC	48.	ug/kg	420.	J		9904235-01D		
S02:SL:GNB5-01	SL	21.	23.	85-01-8	Phenanthrene	SVOC	39.	ug/kg	420.	J		9904235-01D		
S02:SL:GNB5-01	SL	21.	23.	71-43-2	Benzene	VOC	5,600.	ug/kg	6.	D	J	9904235-01A	1,360.	ug/kg

APPENDIX E
SOIL SAMPLE RESULT EXCEEDANCES OF EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI
(ORGANICS)

Field Sample Identification	Sample Matrix	Begin Depth (ft)	End Depth (ft)	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Units	Reporting Limit	Lab Flag	Qual Flag	Lab Sample ID	Region PRG Standard	PRG Unit
S02:SL:SL01-06	SL	12.	14.	91-57-6	2-Methylnaphthalene	SVOC	8,700.	ug/kg	4,100.	D		9904256-03D		
S02:SL:SL01-06	SL	12.	14.	50-32-8	Benzo[a]pyrene	SVOC	1,100.	ug/kg	1,800.	JD		9904256-03D	360.	ug/kg
S02:SL:SL01-06	SL	12.	14.	191-24-2	Benzo[g,h,i]perylene	SVOC	710.	ug/kg	4,100.	JD		9904256-03D		
S02:SL:SL01-06	SL	12.	14.	85-01-8	Phenanthrene	SVOC	7,700.	ug/kg	4,100.	D		9904256-03D		
S02:SL:SL01-06	SL	12.	14.	71-43-2	Benzene	VOC	2,400.	ug/kg	6.	D	J	9904256-03A	1,360.	ug/kg
S02:SL:SL02-03	SL	6.	8.	91-57-6	2-Methylnaphthalene	SVOC	38,000.	ug/kg	3,800.	D		9904256-04D		
S02:SL:SL02-03	SL	6.	8.	50-32-8	Benzo[a]pyrene	SVOC	1,300.	ug/kg	1,700.	JD		9904256-04D	360.	ug/kg
S02:SL:SL02-03	SL	6.	8.	191-24-2	Benzo[g,h,i]perylene	SVOC	730.	ug/kg	3,800.	JD		9904256-04D		
S02:SL:SL02-03	SL	6.	8.	85-01-8	Phenanthrene	SVOC	14,000.	ug/kg	3,800.	D		9904256-04D		
S02:SL:SL02-03	SL	6.	8.	108-90-7	Chlorobenzene	VOC	300,000.	ug/kg	6.	D		9904256-04A	183,370.	ug/kg
S03:SL:SL01-02	SL	4.	6.	85-01-8	Phenanthrene	SVOC	53.	ug/kg	390.	J		9904238-08D		
S03:SL:SL01-03	SL	6.	8.	85-01-8	Phenanthrene	SVOC	70.	ug/kg	380.	J		9904238-09D		
S03:SL:SL02-03	SL	6.	8.	71-55-6	1,1,1-Trichloroethane	VOC	18,000,000.	ug/kg	6.	D	J	9904238-11A	1,400,000.	ug/kg
S03:SL:SL02-03	SL	6.	8.	75-35-4	1,1-Dichloroethene	VOC	33,000.	ug/kg	6.	D	J	9904238-11A	120.	ug/kg
S03:SL:SL02-03	SL	6.	8.	71-43-2	Benzene	VOC	250,000.	ug/kg	6.	D	J	9904238-11A	1,360.	ug/kg
S03:SL:SL02-03	SL	6.	8.	108-90-7	Chlorobenzene	VOC	530,000.	ug/kg	6.	D	J	9904238-11A	183,370.	ug/kg
S03:SL:SL02-03	SL	6.	8.	67-66-3	Chloroform	VOC	16,000.	ug/kg	6.	BD		9904238-11A	520.	ug/kg
S03:SL:SL02-03	SL	6.	8.	75-09-2	Methylene chloride	VOC	94,000.	ug/kg	6.	D	J	9904238-11A	20,030.	ug/kg
S03:SL:SL02-03	SL	6.	8.	127-18-4	Tetrachloroethene	VOC	10,000,000.	ug/kg	6.	D	J	9904238-11A	16,170.	ug/kg
S03:SL:SL02-03	SL	6.	8.	108-88-3	Toluene	VOC	1,200,000.	ug/kg	6.	D	J	9904238-11A	520,000.	ug/kg
S03:SL:SL02-03	SL	6.	8.	79-01-6	Trichloroethene	VOC	820,000.	ug/kg	6.	D	J	9904238-11A	6,050.	ug/kg
S03:SL:SL02-03	SL	6.	8.	1330-20-7	Xylene (total)	VOC	650,000.	ug/kg	6.	D	J	9904238-11A	320,000.	ug/kg
S06:SL:SL01-04	SL	6.	8.	91-57-6	2-Methylnaphthalene	SVOC	58,000.	ug/kg	21,000.	D		9904092-01D		
S06:SL:SL01-04	SL	6.	8.	85-01-8	Phenanthrene	SVOC	22,000.	ug/kg	21,000.	D		9904092-01D		
S06:SL:SL01-04	SL	6.	8.	71-43-2	Benzene	VOC	29,124.4	ug/kg	6.3	D	J	9904092-01A	1,360.	ug/kg
S08:SL:SL01-03	SL	6.	8.	91-57-6	2-Methylnaphthalene	SVOC	170.	ug/kg	400.	J		9904256-01D		
S08:SL:SL01-03	SL	6.	8.	85-01-8	Phenanthrene	SVOC	130.	ug/kg	400.	J		9904256-01D		
S09:SL:GNC2-01	SL	11.	13.	85-01-8	Phenanthrene	SVOC	69.	ug/kg	400.	J		9904160-05D		
S09:SL:GND3-01	SL	15.	17.	91-57-6	2-Methylnaphthalene	SVOC	100.	ug/kg	410.	J		9904135-05D		
S09:SL:GND3-01	SL	15.	17.	85-01-8	Phenanthrene	SVOC	40.	ug/kg	410.	J		9904135-05D		
S09:SL:SL01-05	SL	8.	10.	91-57-6	2-Methylnaphthalene	SVOC	1,500.	ug/kg	440.			9904092-02D		
S09:SL:SL01-05	SL	8.	10.	85-01-8	Phenanthrene	SVOC	670.	ug/kg	440.			9904092-02D		
S09:SL:SL01-05	SL	8.	10.	71-43-2	Benzene	VOC	21,551.301	ug/kg	6.7	D		9904092-02A	1,360.	ug/kg
S09:SL:SL02-10	SL	18.	20.	91-57-6	2-Methylnaphthalene	SVOC	60,000.	ug/kg	25,000.	D		9904092-03D		
S09:SL:SL02-10	SL	18.	20.	85-01-8	Phenanthrene	SVOC	22,000.	ug/kg	25,000.	JD		9904092-03D		
S09:SL:SL02-10	SL	18.	20.	71-43-2	Benzene	VOC	43,286.602	ug/kg	7.4	D	J	9904092-03A	1,360.	ug/kg
S12:SL:GNF2-01	SL	2.5	4.5	52-85-7	Famphur	OPPEST	20.6	ug/kg	824.	J		9903217-02D		

APPENDIX E
SOIL SAMPLE RESULT EXCEEDANCES OF EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI
(ORGANICS)

Field Sample Identification	Sample Matrix	Beginning Depth (ft)	Ending Depth (ft)	CAS Number	Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Qc Flag	Lab Sample ID	Region 9 PRG Standard	PRG Unit
S12:SL:GNF2-01	SL	2.5	4.5	91-57-6	2-Methylnaphthalene	SVOC	210.	ug/kg	2,100.	JD		9903217-02D		
S12:SL:GNF2-01	SL	2.5	4.5	50-32-8	Benzo[a]pyrene	SVOC	760.	ug/kg	940.	JD		9903217-02D	360.	ug/kg
S12:SL:GNF2-01	SL	2.5	4.5	191-24-2	Benzo[g,h,i]perylene	SVOC	340.	ug/kg	2,100.	JD		9903217-02D		
S12:SL:GNF3-01	SL	2.5	4.5	52-85-7	Famphur	OPPEST	4.3	ug/kg	820.	J		9903217-01D		
S12:SL:GNF3-01	SL	2.5	4.5	191-24-2	Benzo[g,h,i]perylene	SVOC	82.	ug/kg	410.	J		9903217-01D		
S12:SL:GNF3-01	SL	2.5	4.5	85-01-8	Phenanthrene	SVOC	91.	ug/kg	410.	J		9903217-01D		
S14:SL:GNA2-01	SL	2.5	4.5	74-88-4	Methyl Iodide	VOC	2.	ug/kg	6.	J		9903181-01A		
S14:SL:GNC1-01	SL	2.5	4.5	52-85-7	Famphur	OPPEST	153.3	ug/kg	976.79999	J		9903206-05D		
S15:SL:GNA3-01	SL	2.	4.	11096-82-5	Aroclor 1260	PCB	14.	ug/kg	40.	J		9903211-09D		
S16:SL:GNA3-01	SL	11.	13.	191-24-2	Benzo[g,h,i]perylene	SVOC	37.	ug/kg	400.	J		9904235-04D		
S16:SL:GNB6-01	SL	14.	16.	91-57-6	2-Methylnaphthalene	SVOC	7,400.	ug/kg	4,300.	D		9904238-06D		
S16:SL:GNB6-01	SL	14.	16.	85-01-8	Phenanthrene	SVOC	1,900.	ug/kg	4,300.	JD		9904238-06D		
S16:SL:GNB6-01	SL	14.	16.	75-35-4	1,1-Dichloroethene	VOC	220.	ug/kg	6.			9904238-06A	120.	ug/kg
S16:SL:GNC5-01	SL	13.	15.	91-57-6	2-Methylnaphthalene	SVOC	550.	ug/kg	420.		J	9904206-02D		
S16:SL:GNC5-01	SL	13.	15.	85-01-8	Phenanthrene	SVOC	99.	ug/kg	420.	J	J	9904206-02D		
S16:SL:GNC5-02	SL	17.	19.	85-01-8	Phenanthrene	SVOC	68.	ug/kg	420.	J		9904206-03D		
S16:SL:SL02-03	SL	6.	8.	60-57-1	Dieldrin	PEST	200.	ug/kg	2.5	D	J	9904238-05D	190.	ug/kg
S16:SL:SL02-03	SL	6.	8.	1031-07-8	Endosulfan sulfate	PEST	91.	ug/kg	81.	D	J	9904238-05D		
S16:SL:SL02-03	SL	6.	8.	91-57-6	2-Methylnaphthalene	SVOC	99,000.	ug/kg	62,000.	D		9904238-05D		
S16:SL:SL02-03	SL	6.	8.	85-01-8	Phenanthrene	SVOC	76,000.	ug/kg	62,000.	D		9904238-05D		
S23:SL:SL04-02	SL	12.	14.	191-24-2	Benzo[g,h,i]perylene	SVOC	30.	ug/kg	420.	J		9904065-08D		
S29:SL:SF02-01	SL	0.	2.	191-24-2	Benzo[g,h,i]perylene	SVOC	50.	ug/kg	350.	J		9904018-08D		
S29:SL:SF03-01	SL	0.	2.	191-24-2	Benzo[g,h,i]perylene	SVOC	51.	ug/kg	360.	J		9904018-09D		
S29:SL:SF03-01	SL	0.	2.	85-01-8	Phenanthrene	SVOC	40.	ug/kg	360.	J		9904018-09D		
S30:SL:SF01-01	SL	0.	2.	191-24-2	Benzo[g,h,i]perylene	SVOC	69.	ug/kg	370.	J		9904018-01D		
S30:SL:SF01-01	SL	0.	2.	85-01-8	Phenanthrene	SVOC	63.	ug/kg	370.	J		9904018-01D		
S36:SL:SF02-01	SL	0.	2.	11096-82-5	Aroclor 1260	PCB	30.	ug/kg	40.	J		9904008-08D		
S37:SL:SF02-01	SL	0.	2.	191-24-2	Benzo[g,h,i]perylene	SVOC	65.	ug/kg	390.	J		9903249-02D		
S37:SL:SF02-01	SL	0.	2.	85-01-8	Phenanthrene	SVOC	53.	ug/kg	390.	J		9903249-02D		
S39:SL:SF01-01	SL	0.	2.	85-01-8	Phenanthrene	SVOC	140.	ug/kg	410.	J		9903249-08D		
S41:SL:SF01-01	SL	0.	2.	191-24-2	Benzo[g,h,i]perylene	SVOC	190.	ug/kg	410.	J		9904011-07D		
S41:SL:SF01-01	SL	0.	2.	85-01-8	Phenanthrene	SVOC	100.	ug/kg	410.	J		9904011-07D		
S41:SL:SF02-01	SL	0.	2.	50-32-8	Benzo[a]pyrene	SVOC	1,300.	ug/kg	190.			9904011-08D	360.	ug/kg
S41:SL:SF02-01	SL	0.	2.	191-24-2	Benzo[g,h,i]perylene	SVOC	770.	ug/kg	430.			9904011-08D		
S41:SL:SF02-01	SL	0.	2.	85-01-8	Phenanthrene	SVOC	360.	ug/kg	430.	J		9904011-08D		
S42:SL:SL01-01	SL	0.	2.	11096-82-5	Aroclor 1260	PCB	53.	ug/kg	37.			9904035-01D		

APPENDIX E
SOIL SAMPLE RESULT EXCEEDANCES OF EPA REGION 9 PRGs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI
(ORGANICS)

Field Sample Identification	Sample Matrix	Begin Depth ft	End Depth ft	CAS Number	CASN Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Data Flag	Qual Flag	Laboratory Sample ID	Region 9 PRG Standard	PRG Unit
S44:SL:SL01-02	SL	4.	6.	85-01-8	Phenanthrene	SVOC	40.	ug/kg	410.	J		9904065-09D		
S47:SL:SF01-01	SL	0.	2.	85-01-8	Phenanthrene	SVOC	37.	ug/kg	410.	J		9904018-13D		
S47:SL:SF01-02	SL	4.	6.	85-01-8	Phenanthrene	SVOC	46.	ug/kg	410.	J		9904018-12D		
S49:SL:SF01-01	SL	0.	2.	85-01-8	Phenanthrene	SVOC	71.	ug/kg	360.	J		9904008-17D		
S50:SL:SF01-01	SL	0.	2.	191-24-2	Benzo[g,h,i]perylene	SVOC	180.	ug/kg	400.	J		9904018-11D		
S50:SL:SF01-01	SL	0.	2.	85-01-8	Phenanthrene	SVOC	39.	ug/kg	400.	J		9904018-11D		
TP5	SL	5.	5.	91-57-6	2-Methylnaphthalene	SVOC	17,000.	ug/kg	4,100.	D		9905089-02D		
TP5	SL	5.	5.	85-01-8	Phenanthrene	SVOC	7,300.	ug/kg	4,100.	D		9905089-02D		
TP7	SL	5.	5.	91-57-6	2-Methylnaphthalene	SVOC	77.	ug/kg	440.	J		9905089-04D		
TP7	SL	5.	5.	85-01-8	Phenanthrene	SVOC	330.	ug/kg	440.	J		9905089-04D		

Notes:

1. Blank indicates no standard available
2. This table presents results that exceed the U.S. EPA Region 9 Preliminary Remedial Goal (PRG) standard and results > 0 for which no PRG standard is available.
3. Sample Matrix (SL) = Soil
4. Laboratory Qualifiers include:
   J = Value is less than the reporting limits but greater than zero
   D = Indicates that the compound was found in an analysis at a secondary dilution factor
5. Data Validation Qualifiers include:
   J = Estimated due to failed QC criteria

APPENDIX E
SEDIMENT SAMPLE RESULT EXCEEDANCES OF EPA ECOTOX THRESHOLD STANDARDS AND EPA REGION 5 EDQLs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI
(INORGANICS AND ORGANICS)

Field Sample Identification	Sample Matrix	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Q Flag	Method	Lab Sample ID	Original Result	Ecotox Threshold Standard	Ecotox Unit	EPA Region 5 EDQL	EDQL Unit
ACH:SD:SD01-01	SD	7440-38-2	Arsenic	INORG	**6.4**	**mg/kg**	0.7			SW846 6010	9903146-01D	6.4			5.9	mg/kg
ACH:SD:SD01-01	SD	7440-39-3	Barium	INORG	73.	mg/kg	0.12			SW846 6010	9903146-01D	73.0				
ACH:SD:SD01-01	SD	7440-41-7	Beryllium	INORG	0.71	mg/kg	0.06			SW846 6010	9903146-01D	0.71				
ACH:SD:SD01-01	SD	7440-47-3	Chromium	INORG	20.	mg/kg	0.15			SW846 6010	9903146-01D	20.0			26.	mg/kg
ACH:SD:SD01-01	SD	7440-48-4	Cobalt	INORG	9.1	mg/kg	0.2			SW846 6010	9903146-01D	9.1			50.	mg/kg
ACH:SD:SD01-01	SD	7440-02-0	Nickel	INORG	**22.9**	**mg/kg**	0.32			SW846 6010	9903146-01D	22.9	21.	mg/kg	16.	mg/kg
ACH:SD:SD01-01	SD	7782-49-2	Selenium	INORG	1.3	mg/kg	0.82	B		SW846 6010	9903146-01D	1.3				
ACH:SD:SD01-01	SD	7440-62-2	Vanadium	INORG	28.9	mg/kg	0.26			SW846 6010	9903146-01D	28.9				
ACH:SD:SD01-01	SD	7440-66-6	Zinc	INORG	97.2	mg/kg	1.4			SW846 6010	9903146-01D	97.2			120.	mg/kg
ACH:SD:SD01-01	SD	108-39-4/106-44-5	3+4-Methylphenol	SVOC	**220.**	**ug/kg**	580.	J		SW846 8270C	9903146-01D	220			0.808	ug/kg
ACH:SD:SD01-01	SD	67-64-1	Acetone	VOC	130.	ug/kg	9.		J	SW846 8260B	9903146-01A	130				
ACH:SD:SD01-01	SD	PS	Percent Solids	WET	57.2	%				CLP / D2216	9903146-01D	57.2				
ACH:SD:SD01-01	SD	57-12-5	Total Cyanide	WET	**0.61**	**mg/kg**	0.22			SW846 9010A	9903146-01D	0.61			0.001	mg/kg
ACH:SD:SD02-01	SD	7440-38-2	Arsenic	INORG	4.4	mg/kg	0.67			SW846 6010	9903146-02D	4.4			5.9	mg/kg
ACH:SD:SD02-01	SD	7440-39-3	Barium	INORG	51.2	mg/kg	0.11			SW846 6010	9903146-02D	51.2				
ACH:SD:SD02-01	SD	7440-41-7	Beryllium	INORG	0.45	mg/kg	0.06			SW846 6010	9903146-02D	0.45				
ACH:SD:SD02-01	SD	7440-47-3	Chromium	INORG	13.	mg/kg	0.14			SW846 6010	9903146-02D	13.0			26.	mg/kg
ACH:SD:SD02-01	SD	7440-48-4	Cobalt	INORG	7.	mg/kg	0.2			SW846 6010	9903146-02D	7.0			50.	mg/kg
ACH:SD:SD02-01	SD	7782-49-2	Selenium	INORG	0.99	mg/kg	0.78	B		SW846 6010	9903146-02D	0.99				
ACH:SD:SD02-01	SD	7440-62-2	Vanadium	INORG	19.1	mg/kg	0.25			SW846 6010	9903146-02D	19.1				
ACH:SD:SD02-01	SD	7440-66-6	Zinc	INORG	71.	mg/kg	1.3			SW846 6010	9903146-02D	71.0			120.	mg/kg
ACH:SD:SD02-01	SD	67-64-1	Acetone	VOC	170.	ug/kg	8.		CJ	SW846 8260B	9903146-02A	170				
ACH:SD:SD02-01	SD	PS	Percent Solids	WET	66.2	%				CLP / D2216	9903146-02D	66.2				
ACH:SD:SD03-01	SD	7440-38-2	Arsenic	INORG	5.8	mg/kg	0.61			SW846 6010	9903146-03D	5.8			5.9	mg/kg
ACH:SD:SD03-01	SD	7440-39-3	Barium	INORG	67.2	mg/kg	0.1			SW846 6010	9903146-03D	67.2				
ACH:SD:SD03-01	SD	7440-41-7	Beryllium	INORG	0.67	mg/kg	0.05			SW846 6010	9903146-03D	0.67				
ACH:SD:SD03-01	SD	7440-47-3	Chromium	INORG	18.3	mg/kg	0.13			SW846 6010	9903146-03D	18.3			26.	mg/kg
ACH:SD:SD03-01	SD	7440-48-4	Cobalt	INORG	8.9	mg/kg	0.18			SW846 6010	9903146-03D	8.9			50.	mg/kg
ACH:SD:SD03-01	SD	7440-02-0	Nickel	INORG	**22.**	**mg/kg**	0.28			SW846 6010	9903146-03D	22.0	21.	mg/kg	16.	mg/kg
ACH:SD:SD03-01	SD	7782-49-2	Selenium	INORG	1.1	mg/kg	0.71	B		SW846 6010	9903146-03D	1.1				
ACH:SD:SD03-01	SD	7440-62-2	Vanadium	INORG	27.6	mg/kg	0.23			SW846 6010	9903146-03D	27.6				
ACH:SD:SD03-01	SD	7440-66-6	Zinc	INORG	90.1	mg/kg	1.2			SW846 6010	9903146-03D	90.1			120.	mg/kg
ACH:SD:SD03-01	SD	67-64-1	Acetone	VOC	160	ug/kg	8.			SW846 8260B	9903146-03A	160				
ACH:SD:SD03-01	SD	75-15-0	Carbon Disulfide	VOC	7.	ug/kg	8.	J		SW846 8260B	9903146-03A	7			133.97	ug/kg
ACH:SD:SD03-01	SD	PS	Percent Solids	WET	63.2	%				CLP / D2216	9903146-03D	63.2				
ACH:SD:SD03-01	SD	18496-25-8	Sulfide	WET	61.4	mg/kg	12.3		J	MCAWW 376.1	9903146-03D	61.4				
ACH:SD:SD04-01	SD	7440-38-2	Arsenic	INORG	**11.2**	**mg/kg**	0.48			SW846 6010	9903146-04D	11.2			5.9	mg/kg
ACH:SD:SD04-01	SD	7440-39-3	Barium	INORG	78.4	mg/kg	0.08			SW846 6010	9903146-04D	78.4				
ACH:SD:SD04-01	SD	7440-41-7	Beryllium	INORG	0.54	mg/kg	0.04			SW846 6010	9903146-04D	0.54				
ACH:SD:SD04-01	SD	7440-47-3	Chromium	INORG	13.4	mg/kg	0.1			SW846 6010	9903146-04D	13.4			26.	mg/kg
ACH:SD:SD04-01	SD	7440-48-4	Cobalt	INORG	13.8	mg/kg	0.14			SW846 6010	9903146-04D	13.8			50.	mg/kg
ACH:SD:SD04-01	SD	7782-49-2	Selenium	INORG	0.74	mg/kg	0.56	B		SW846 6010	9903146-04D	0.74				
ACH:SD:SD04-01	SD	7440-62-2	Vanadium	INORG	23.7	mg/kg	0.18			SW846 6010	9903146-04D	23.7				
ACH:SD:SD04-01	SD	7440-66-6	Zinc	INORG	70.4	mg/kg	0.94			SW846 6010	9903146-04D	70.4			120.	mg/kg
ACH:SD:SD04-01	SD	67-64-1	Acetone	VOC	310.	ug/kg	7.		CJ	SW846 8260B	9903146-04A	310				

APPENDIX E
SEDIMENT SAMPLE RESULT EXCEEDANCES OF EPA ECOTOX THRESHOLD STANDARDS AND EPA REGION 5 EDQLs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI
(INORGANICS AND ORGANICS)

Field Sample Identification	Sample Matrix	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Q Flag	Method	Lab Sample ID	Original Result	Ecotox Threshold Standard	Ecotox Units	EPA Region 5 EDQL	EDQL Units
ACH:SD:SD04-01	SD	PS	Percent Solids	WET	68.3	%				CLP / D2216	9903146-04D	68.3				
ACH:SD:SD04-01	SD	18496-25-8	Sulfide	WET	58.	mg/kg	11.6		J	MCAWW 376.1	9903146-04D	58.0				
ACH:SD:SD05-01	SD	7440-38-2	Arsenic	INORG	**11.7**	**mg/kg**	0.57			SW846 6010	9903146-05D	11.7			5.9	mg/kg
ACH:SD:SD05-01	SD	7440-39-3	Barium	INORG	85.7	mg/kg	0.09			SW846 6010	9903146-05D	85.7				
ACH:SD:SD05-01	SD	7440-41-7	Beryllium	INORG	0.75	mg/kg	0.05			SW846 6010	9903146-05D	0.75				
ACH:SD:SD05-01	SD	7440-47-3	Chromium	INORG	22.	mg/kg	0.12			SW846 6010	9903146-05D	22.0			26.	mg/kg
ACH:SD:SD05-01	SD	7440-48-4	Cobalt	INORG	13.2	mg/kg	0.17			SW846 6010	9903146-05D	13.2			50.	mg/kg
ACH:SD:SD05-01	SD	7440-02-0	Nickel	INORG	28.	mg/kg	0.26			SW846 6010	9903146-05D	28.0	21.	mg/kg	16.	mg/kg
ACH:SD:SD05-01	SD	7782-49-2	Selenium	INORG	0.89	mg/kg	0.66	B		SW846 6010	9903146-05D	0.89				
ACH:SD:SD05-01	SD	7440-62-2	Vanadium	INORG	32.5	mg/kg	0.21			SW846 6010	9903146-05D	32.5				
ACH:SD:SD05-01	SD	7440-66-6	Zinc	INORG	97.1	mg/kg	1.1			SW846 6010	9903146-05D	97.1			120.	mg/kg
ACH:SD:SD05-01	SD	70-30-4	Hexachlorophene	PEST	64.	ug/kg	2,500.	J		SW846 8081	9903146-05D	64			231,000.	ug/kg
ACH:SD:SD05-01	SD	67-64-1	Acetone	VOC	88.	ug/kg	8.		CJ	SW846 8260B	9903146-05A	88				
ACH:SD:SD05-01	SD	PS	Percent Solids	WET	65.3	%				CLP / D2216	9903146-05D	65.3				
ACH:SD:SD05-01	SD	18496-25-8	Sulfide	WET	84.1	mg/kg	12.		J	MCAWW 376.1	9903146-05D	84.1				
ACH:SD:SD06-01	SD	7440-38-2	Arsenic	INORG	**9.5**	**mg/kg**	0.45			SW846 6010	9903146-09D	9.5			5.9	mg/kg
ACH:SD:SD06-01	SD	7440-39-3	Barium	INORG	94.4	mg/kg	0.08			SW846 6010	9903146-09D	94.4				
ACH:SD:SD06-01	SD	7440-41-7	Beryllium	INORG	0.86	mg/kg	0.04			SW846 6010	9903146-09D	0.86				
ACH:SD:SD06-01	SD	7440-47-3	Chromium	INORG	23.6	mg/kg	0.09			SW846 6010	9903146-09D	23.6			26.	mg/kg
ACH:SD:SD06-01	SD	7440-48-4	Cobalt	INORG	11.1	mg/kg	0.13			SW846 6010	9903146-09D	11.1			50.	mg/kg
ACH:SD:SD06-01	SD	7440-02-0	Nickel	INORG	**29.5**	**mg/kg**	0.21			SW846 6010	9903146-09D	29.5	21.	mg/kg	16.	mg/kg
ACH:SD:SD06-01	SD	7782-49-2	Selenium	INORG	0.98	mg/kg	0.53			SW846 6010	9903146-09D	0.98				
ACH:SD:SD06-01	SD	7440-62-2	Vanadium	INORG	35.7	mg/kg	0.17			SW846 6010	9903146-09D	35.7				
ACH:SD:SD06-01	SD	7440-66-6	Zinc	INORG	103.	mg/kg	0.89			SW846 6010	9903146-09D	103			120.	mg/kg
ACH:SD:SD06-01	SD	50-29-3	4,4'-DDT	PEST	**2.3**	**ug/kg**	2.3			SW846 8081	9903146-09D	2.3	1.6	ug/kg	1.19	ug/kg
ACH:SD:SD06-01	SD	108-39-4/106-44-5	3+4-Methylphenol	SVOC	**210.**	**ug/kg**	570.	J		SW846 8270C	9903146-09D	210			0.808	ug/kg
ACH:SD:SD06-01	SD	67-64-1	Acetone	VOC	230.	ug/kg	9.		J	SW846 8260B	9903146-09A	230				
ACH:SD:SD06-01	SD	PS	Percent Solids	WET	58.	%				CLP / D2216	9903146-09D	58.0				
ACH:SD:SD06-01	SD	18496-25-8	Sulfide	WET	133.	mg/kg	13.3		J	MCAWW 376.1	9903146-09D	133				
ACH:SD:SD07-01	SD	7440-38-2	Arsenic	INORG	4.4	mg/kg	0.53			SW846 6010	9903146-10D	4.4			5.9	mg/kg
ACH:SD:SD07-01	SD	7440-39-3	Barium	INORG	74.2	mg/kg	0.09			SW846 6010	9903146-10D	74.2				
ACH:SD:SD07-01	SD	7440-41-7	Beryllium	INORG	0.75	mg/kg	0.04			SW846 6010	9903146-10D	0.75				
ACH:SD:SD07-01	SD	7440-47-3	Chromium	INORG	19.7	mg/kg	0.11			SW846 6010	9903146-10D	19.7			26.	mg/kg
ACH:SD:SD07-01	SD	7440-48-4	Cobalt	INORG	6.3	mg/kg	0.16			SW846 6010	9903146-10D	6.3			50.	mg/kg
ACH:SD:SD07-01	SD	7782-49-2	Selenium	INORG	0.99	mg/kg	0.62	B		SW846 6010	9903146-10D	0.99				
ACH:SD:SD07-01	SD	7440-62-2	Vanadium	INORG	28.2	mg/kg	0.2			SW846 6010	9903146-10D	28.2				
ACH:SD:SD07-01	SD	7440-66-6	Zinc	INORG	75.2	mg/kg	1.			SW846 6010	9903146-10D	75.2			120.	mg/kg
ACH:SD:SD07-01	SD	67-64-1	Acetone	VOC	110.	ug/kg	8.		J	SW846 8260B	9903146-10A	110				
ACH:SD:SD07-01	SD	PS	Percent Solids	WET	67.5	%				CLP / D2216	9903146-10D	67.5				
ACH:SD:SD07-01	SD	18496-25-8	Sulfide	WET	93.	mg/kg	11.6		J	MCAWW 376.1	9903146-10D	93.0				
ACH:SD:SD08-01	SD	7440-38-2	Arsenic	INORG	**8.5**	**mg/kg**	0.6			SW846 6010	9903146-11D	8.5			5.9	mg/kg
ACH:SD:SD08-01	SD	7440-39-3	Barium	INORG	107.	mg/kg	0.1			SW846 6010	9903146-11D	107				
ACH:SD:SD08-01	SD	7440-41-7	Beryllium	INORG	0.94	mg/kg	0.05			SW846 6010	9903146-11D	0.94				
ACH:SD:SD08-01	SD	7440-47-3	Chromium	INORG	23.4	mg/kg	0.13			SW846 6010	9903146-11D	23.4			26.	mg/kg
ACH:SD:SD08-01	SD	7440-48-4	Cobalt	INORG	18.	mg/kg	0.18			SW846 6010	9903146-11D	18.0			50.	mg/kg

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WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI
(INORGANICS AND ORGANICS)

Field Sample Identification	Sample Matrix	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Q Flag	Method	Lab Sample ID	Original Result	Ecotox Threshold Standard	Ecotox Unit	EPA Region 5 EDQL	EDQL Unit
ACH:SD:SD08-01	SD	7440-02-0	Nickel	INORG	**27.2**	**mg/kg**	0.28			SW846 6010	9903146-11D	27.2	21.	mg/kg	16.	mg/kg
ACH:SD:SD08-01	SD	7782-49-2	Selenium	INORG	1.3	mg/kg	0.7			SW846 6010	9903146-11D	1.3				
ACH:SD:SD08-01	SD	7440-62-2	Vanadium	INORG	37.5	mg/kg	0.23			SW846 6010	9903146-11D	37.5				
ACH:SD:SD08-01	SD	7440-66-6	Zinc	INORG	81.7	mg/kg	1.2			SW846 6010	9903146-11D	81.7			120.	mg/kg
ACH:SD:SD08-01	SD	67-64-1	Acetone	VOC	150.	ug/kg	8.		CJ	SW846 8260B	9903146-11A	150				
ACH:SD:SD08-01	SD	PS	Percent Solids	WET	65.8	%				CLP / D2216	9903146-11D	65.8				
ACH:SD:SD08-01	SD	18496-25-8	Sulfide	WET	79.5	mg/kg	11.4		J	MCAWW 376.1	9903146-11D	79.5				
ACH:SD:SD09-01	SD	7440-38-2	Arsenic	INORG	**6.1**	**mg/kg**	0.73			SW846 6010	9903146-12D	6.1			5.9	mg/kg
ACH:SD:SD09-01	SD	7440-39-3	Barium	INORG	76.9	mg/kg	0.12			SW846 6010	9903146-12D	76.9				
ACH:SD:SD09-01	SD	7440-41-7	Beryllium	INORG	0.66	mg/kg	0.06			SW846 6010	9903146-12D	0.66				
ACH:SD:SD09-01	SD	7440-47-3	Chromium	INORG	19.6	mg/kg	0.15			SW846 6010	9903146-12D	19.6			26.	mg/kg
ACH:SD:SD09-01	SD	7440-48-4	Cobalt	INORG	8.8	mg/kg	0.21			SW846 6010	9903146-12D	8.8			50.	mg/kg
ACH:SD:SD09-01	SD	7440-02-0	Nickel	INORG	**22.7**	**mg/kg**	0.33			SW846 6010	9903146-12D	22.7	21.	mg/kg	16.	mg/kg
ACH:SD:SD09-01	SD	7782-49-2	Selenium	INORG	1.3	mg/kg	0.85	B		SW846 6010	9903146-12D	1.3				
ACH:SD:SD09-01	SD	7440-62-2	Vanadium	INORG	30.	mg/kg	0.27			SW846 6010	9903146-12D	30.0				
ACH:SD:SD09-01	SD	7440-66-6	Zinc	INORG	81.3	mg/kg	1.4			SW846 6010	9903146-12D	81.3			120.	mg/kg
ACH:SD:SD09-01	SD	67-64-1	Acetone	VOC	170.	ug/kg	8.		CJ	SW846 8260B	9903146-12A	170				
ACH:SD:SD09-01	SD	1330-20-7	Xylene (total)	VOC	3.	ug/kg	8.	J	CJ	SW846 8260B	9903146-12A	3			1,880.	ug/kg
ACH:SD:SD09-01	SD	PS	Percent Solids	WET	59.9	%				CLP / D2216	9903146-12D	59.9				
ACH:SD:SD09-01	SD	18496-25-8	Sulfide	WET	126.	mg/kg	12.6		J	MCAWW 376.1	9903146-12D	126				
ACH:SD:SD09-01	SD	57-12-5	Total Cyanide	WET	0.32	mg/kg	0.29			SW846 9010A	9903146-12D	0.32			0.001	mg/kg
ACH:SD:SD10-01	SD	7440-38-2	Arsenic	INORG	4.3	mg/kg	0.74			SW846 6010	9903146-13D	4.3			5.9	mg/kg
ACH:SD:SD10-01	SD	7440-39-3	Barium	INORG	64.4	mg/kg	0.12			SW846 6010	9903146-13D	64.4				
ACH:SD:SD10-01	SD	7440-41-7	Beryllium	INORG	0.62	mg/kg	0.06			SW846 6010	9903146-13D	0.62				
ACH:SD:SD10-01	SD	7440-47-3	Chromium	INORG	20.1	mg/kg	0.15			SW846 6010	9903146-13D	20.1			26.	mg/kg
ACH:SD:SD10-01	SD	7440-48-4	Cobalt	INORG	7.3	mg/kg	0.22			SW846 6010	9903146-13D	7.3			50.	mg/kg
ACH:SD:SD10-01	SD	7439-97-6	Mercury	INORG	**0.22**	**mg/kg**	0.03			SW846 7471	9903146-13D	0.22	0.15	mg/kg	0.174	mg/kg
ACH:SD:SD10-01	SD	7782-49-2	Selenium	INORG	1.2	mg/kg	0.86	B		SW846 6010	9903146-13D	1.2				
ACH:SD:SD10-01	SD	7440-62-2	Vanadium	INORG	26.9	mg/kg	0.28			SW846 6010	9903146-13D	26.9				
ACH:SD:SD10-01	SD	7440-66-6	Zinc	INORG	109.	mg/kg	1.4			SW846 6010	9903146-13D	109			120.	mg/kg
ACH:SD:SD10-01	SD	70-30-4	Hexachlorophene	PEST	40.	ug/kg	3,400.	J		SW846 8081	9903146-13D	40			231,000.	ug/kg
ACH:SD:SD10-01	SD	67-64-1	Acetone	VOC	150.	ug/kg	10.		J	SW846 8260B	9903146-13A	150				
ACH:SD:SD10-01	SD	PS	Percent Solids	WET	48.5	%				CLP / D2216	9903146-13D	48.5				
ACH:SD:SD10-01	SD	18496-25-8	Sulfide	WET	76.4	mg/kg	15.3		J	MCAWW 376.1	9903146-13D	76.4				
ACH:SD:SD11-01	SD	7440-38-2	Arsenic	INORG	**8.7**	**mg/kg**	0.61			SW846 6010	9903146-14D	8.7			5.9	mg/kg
ACH:SD:SD11-01	SD	7440-39-3	Barium	INORG	82.5	mg/kg	0.1			SW846 6010	9903146-14D	82.5				
ACH:SD:SD11-01	SD	7440-41-7	Beryllium	INORG	0.71	mg/kg	0.05			SW846 6010	9903146-14D	0.71				
ACH:SD:SD11-01	SD	7440-47-3	Chromium	INORG	23.2	mg/kg	0.13			SW846 6010	9903146-14D	23.2			26.	mg/kg
ACH:SD:SD11-01	SD	7440-48-4	Cobalt	INORG	10.7	mg/kg	0.18			SW846 6010	9903146-14D	10.7			50.	mg/kg
ACH:SD:SD11-01	SD	7440-02-0	Nickel	INORG	**28.1**	**mg/kg**	0.28			SW846 6010	9903146-14D	28.1	21.	mg/kg	16.	mg/kg
ACH:SD:SD11-01	SD	7440-62-2	Vanadium	INORG	33.8	mg/kg	0.23			SW846 6010	9903146-14D	33.8				
ACH:SD:SD11-01	SD	7440-66-6	Zinc	INORG	**133.**	**mg/kg**	1.2			SW846 6010	9903146-14D	133			120.	mg/kg
ACH:SD:SD11-01	SD	67-64-1	Acetone	VOC	76.	ug/kg	7.		J	SW846 8260B	9903146-14A	76				
ACH:SD:SD11-01	SD	75-15-0	Carbon Disulfide	VOC	2.	ug/kg	7.	J		SW846 8260B	9903146-14A	2			133.97	ug/kg
ACH:SD:SD11-01	SD	PS	Percent Solids	WET	68.	%				CLP / D2216	9903146-14D	68.0				

APPENDIX E
SEDIMENT SAMPLE RESULT EXCEEDANCES OF EPA ECOTOX THRESHOLD STANDARDS AND EPA REGION 5 EDQLs
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI
(INORGANICS AND ORGANICS)

Field Sample Identification	Sample Matrix	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Q Flag	Method	Lab Sample ID	Original Result	Ecotox Threshold Standard	Ecotox Unit	EPA Region 5 EDQL	EDQL Unit
ACH:SD:SD11-01	SD	18496-25-8	Sulfide	WET	77.	mg/kg	11.		J	MCAWW 376.1	9903146-14D	77.0				
ACH:SD:SD11-01	SD	57-12-5	Total Cyanide	WET	**0.58**	**mg/kg**	0.21			SW846 9010A	9903146-14D	0.58			0.001	mg/kg

Notes:
1. Blank indicates no standard available
2. This table presents results that exceed the EPA Ecotox Threshold Standard and results > 0 for which no Ecotox Threshold Standard is available.
3. Bolded results exceed the Region 5 Ecological Data Quality Levels (EDQLs)
4. Sample Matrix (SL) = Soil
5. Laboratory Qualifiers include:
   J = Value is less than the reporting limits but greater than zero
   B = Indicates that the compound was found in the associated blank
6. Data Validation Qualifiers include:
   J = Estimated due to failed QC criteria
   C = Value changed during validation

APPENDIX E
GROUNDWATER SAMPLE RESULT EXCEEDANCES OF EPA REGION 5 DQLs AND BACKGROUND WELL INORGANICS
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI
(INORGANICS AND ORGANICS)

Field Sample Identification	Sample Collection Date	Sample Matrix	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Q Flag	Method	Lab Sample ID	Region 5 DQL Standard	DQL Unit	Background Well Concentration	Bkg Unit
CAPILLARY DRAIN	03-May-99	WT	7782-49-2	Selenium	INORG	7.1	ug/l	2.3	N	J	SW846 6010	9905037-07J	180.	ug/l	2.4	ug/l
CAPILLARY DRAIN	03-May-99	WT	57-12-5	Total Cyanide	WET	19.4	ug/l	5.			SW846 9010A	9905037-07K	6.2	ug/l		
CAPILLARY DRAIN(FILTERED	03-May-99	WT	7440-38-2	Arsenic	INORG	**2.3**	ug/l	2.3	B		SW846 6010	9905037-08A	0.038	ug/l		
CAPILLARY DRAIN(FILTERED	03-May-99	WT	7782-49-2	Selenium	INORG	5.4	ug/l	2.3	N	J	SW846 6010	9905037-08A	180.	ug/l		
L19A	05-May-99	WT	7440-38-2	Arsenic	INORG	**7.3**	ug/l	2.3			SW846 6010	9905054-06A	0.038	ug/l	3.8	ug/l
L19A	05-May-99	WT	7440-39-3	Barium	INORG	70.2	ug/l	1.2			SW846 6010	9905054-06A	2,600.	ug/l	59.6	ug/l
L19A	05-May-99	WT	7440-48-4	Cobalt	INORG	57.	ug/l	0.9			SW846 6010	9905054-06A			6.6	ug/l
L19A	05-May-99	WT	7440-02-0	Nickel	INORG	200.	ug/l	1.4			SW846 6010	9905054-06A	730.	ug/l	89.9	ug/l
L19A	05-May-99	WT	7440-66-6	Zinc	INORG	28.6	ug/l	11.7			SW846 6010	9905054-06A	11,000.	ug/l	12.1	ug/l
L19A	05-May-99	WT	57-12-5	Total Cyanide	WET	6.8	ug/l	5.			SW846 9010A	9905054-06B	6.2	ug/l		
L19A(FILTERED)	04-May-99	WT	7440-36-0	Antimony	INORG	3.5	ug/l	2.5	B		SW846 6010	9905054-07A	15.	ug/l		
L19A(FILTERED)	04-May-99	WT	7440-38-2	Arsenic	INORG	**4.8**	ug/l	2.3			SW846 6010	9905054-07A	0.038	ug/l		
L19A(FILTERED)	04-May-99	WT	7440-43-9	Cadmium	INORG	4.8	ug/l	0.6	B		SW846 6010	9905054-07A	18.	ug/l	0.95	ug/l
L19A(FILTERED)	04-May-99	WT	7440-48-4	Cobalt	INORG	37.8	ug/l	0.9			SW846 6010	9905054-07A			5.3	ug/l
L19A(FILTERED)	04-May-99	WT	7440-02-0	Nickel	INORG	135.	ug/l	1.4			SW846 6010	9905054-07A	730.	ug/l	81.5	ug/l
L19A(FILTERED)	04-May-99	WT	7782-49-2	Selenium	INORG	2.4	ug/l	2.3	B		SW846 6010	9905054-07A	180.	ug/l		
L19A(FILTERED)	04-May-99	WT	7440-62-2	Vanadium	INORG	1.1	ug/l	0.7	B		SW846 6010	9905054-07A	260.	ug/l		
L19A(FILTERED)	04-May-99	WT	7440-66-6	Zinc	INORG	14.5	ug/l	11.7			SW846 6010	9905054-07A	11,000.	ug/l		
L20	04-May-99	WT	7440-36-0	Antimony	INORG	4.4	ug/l	2.5	B		SW846 6010	9905054-08G	15.	ug/l		
L20	04-May-99	WT	7440-38-2	Arsenic	INORG	**6.2**	ug/l	2.3			SW846 6010	9905054-08G	0.038	ug/l	3.8	ug/l
L20	04-May-99	WT	7440-47-3	Chromium	INORG	**3,380.**	ug/l	0.6			SW846 6010	9905054-08G	180.	ug/l	157	ug/l
L20	04-May-99	WT	7440-02-0	Nickel	INORG	270.	ug/l	1.4			SW846 6010	9905054-08G	730.	ug/l	89.9	ug/l
L20	04-May-99	WT	59-89-2	N-Nitrosomorpholine	SVOC	4.	ug/l	10.	J		SW846 8270C	9905054-08D				
L20(FILTERED)	04-May-99	WT	7440-02-0	Nickel	INORG	149.	ug/l	1.4			SW846 6010	9905054-09A	730.	ug/l	81.5	ug/l
L25	03-May-99	WT	7440-38-2	Arsenic	INORG	**121.**	ug/l	2.3			SW846 6010	9905037-13I	0.038	ug/l	3.8	ug/l
L25	03-May-99	WT	7440-39-3	Barium	INORG	1,060.	ug/l	1.2			SW846 6010	9905037-13I	2,600.	ug/l	59.6	ug/l
L25	03-May-99	WT	7440-41-7	Beryllium	INORG	**7.**	ug/l	0.3			SW846 6010	9905037-13I	0.016	ug/l		
L25	03-May-99	WT	7440-43-9	Cadmium	INORG	7.	ug/l	0.6			SW846 6010	9905037-13I	18.	ug/l	1.6	ug/l
L25	03-May-99	WT	7440-47-3	Chromium	INORG	**11,300.**	ug/l	6.			SW846 6010	9905037-13I	180.	ug/l	157	ug/l
L25	03-May-99	WT	7440-48-4	Cobalt	INORG	141.	ug/l	0.9			SW846 6010	9905037-13I			6.6	ug/l
L25	03-May-99	WT	7440-50-8	Copper	INORG	556.	ug/l	1.8			SW846 6010	9905037-13I	1,400.	ug/l		
L25	03-May-99	WT	7439-92-1	Lead	INORG	**123.**	ug/l	1.4			SW846 6010	9905037-13I	4.	ug/l	11.3	ug/l
L25	03-May-99	WT	7440-02-0	Nickel	INORG	**1,930.**	ug/l	1.4			SW846 6010	9905037-13I	730.	ug/l	89.9	ug/l
L25	03-May-99	WT	7440-31-5	Tin	INORG	12.8	ug/l	5.6			SW846 6010	9905037-13I	22,000.	ug/l		
L25	03-May-99	WT	7440-62-2	Vanadium	INORG	**303.**	ug/l	0.7			SW846 6010	9905037-13I	260.	ug/l	4.8	ug/l
L25	03-May-99	WT	7440-66-6	Zinc	INORG	675.	ug/l	11.7			SW846 6010	9905037-13I	11,000.	ug/l	12.1	ug/l
L25(FITLERED)	03-May-99	WT	7440-39-3	Barium	INORG	59.	ug/l	1.2			SW846 6010	9905037-14A	2,600.	ug/l	46.2	ug/l
L25(FITLERED)	03-May-99	WT	7440-02-0	Nickel	INORG	164.	ug/l	1.4			SW846 6010	9905037-14A	730.	ug/l	81.5	ug/l
L26	04-May-99	WT	7440-38-2	Arsenic	INORG	**3.8**	ug/l	2.3			SW846 6010	9905042-01K	0.038	ug/l	3.8	ug/l
L26	04-May-99	WT	7440-39-3	Barium	INORG	59.6	ug/l	1.2			SW846 6010	9905042-01K	2,600.	ug/l	59.6	ug/l
L26	04-May-99	WT	7440-43-9	Cadmium	INORG	1.6	ug/l	0.6	B		SW846 6010	9905042-01K	18.	ug/l	1.6	ug/l
L26	04-May-99	WT	7440-47-3	Chromium	INORG	157.	ug/l	0.6			SW846 6010	9905042-01K	180.	ug/l	157.	ug/l
L26	04-May-99	WT	7440-48-4	Cobalt	INORG	6.6	ug/l	0.9	B		SW846 6010	9905042-01K			6.6	ug/l

APPENDIX E
GROUNDWATER SAMPLE RESULT EXCEEDANCES OF EPA REGION 5 DQLs AND BACKGROUND WELL INORGANICS
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI
(INORGANICS AND ORGANICS)

Field Sample Identification	Sample Collection Date	Sample Matrix	CAS Number	CAS Analyte Name	CAS Analyte Group	Result	Unit	Reporting Limit	Lab Flag	Q Flag	Method	Lab Sample ID	Region 5 DQL Standard	DQL Unit	Background Well Concentration	Bkg Unit
L26	04-May-99	WT	7439-92-1	Lead	INORG	**11.3**	ug/l	1.4			SW846 6010	9905042-01K	4.	ug/l	11.3	ug/l
L26	04-May-99	WT	7439-97-6	Mercury	INORG	0.25	ug/l	0.1			SW846 7470	9905042-01K	11.	ug/l	0.25	ug/l
L26	04-May-99	WT	7440-02-0	Nickel	INORG	89.9	ug/l	1.4			SW846 6010	9905042-01K	730.	ug/l	89.9	ug/l
L26	04-May-99	WT	7782-49-2	Selenium	INORG	2.4	ug/l	2.3	B		SW846 6010	9905042-01K	180.	ug/l	2.4	ug/l
L26	04-May-99	WT	7440-22-4	Silver	INORG	1.9	ug/l	0.6	B		SW846 6010	9905042-01K	180.	ug/l	1.9	ug/l
L26	04-May-99	WT	7440-62-2	Vanadium	INORG	4.8	ug/l	0.7	B		SW846 6010	9905042-01K	260.	ug/l	4.8	ug/l
L26	04-May-99	WT	7440-66-6	Zinc	INORG	12.1	ug/l	11.1			SW846 6010	9905042-01K	11,000.	ug/l	12.1	ug/l
L26	04-May-99	WT	117-81-7	bis(2-Ethylhexyl)phthalate	SVOC	2.	ug/l	3.	J		SW846 8270C	9905042-01D	4.8	ug/l		
L26	04-May-99	WT	84-74-2	di-n-Butylphthalate	SVOC	2.	ug/l	11.	J		SW846 8270C	9905042-01D	3,700.	ug/l		
L26	04-May-99	WT	75-35-4	1,1-Dichloroethene	VOC	6.	ug/l	5.		J	SW846 8260B	9905042-01A	0.046	ug/l		
L26	04-May-99	WT	107-06-2	1,2-Dichloroethane	VOC	21.	ug/l	1.			SW846 8260B	9905042-01A	0.12	ug/l		
L26	04-May-99	WT	123-91-1	1,4-Dioxane	VOC	177.	ug/l	20.		J	SW846 8260B	9905042-01A	1.	ug/l		
L26	04-May-99	WT	71-43-2	Benzene	VOC	1.	ug/l	1.			SW846 8260B	9905042-01A	0.39	ug/l		
L26	04-May-99	WT	108-90-7	Chlorobenzene	VOC	1.	ug/l	5.	J		SW846 8260B	9905042-01A	39.	ug/l		
L26(FILTERED)	04-May-99	WT	7440-39-3	Barium	INORG	46.2	ug/l	1.2			SW846 6010	9905042-02A	2,600.	ug/l	46.2	ug/l
L26(FILTERED)	04-May-99	WT	7440-43-9	Cadmium	INORG	0.95	ug/l	0.6	B		SW846 6010	9905042-02A	18.	ug/l	0.95	ug/l
L26(FILTERED)	04-May-99	WT	7440-47-3	Chromium	INORG	1.8	ug/l	0.6	B		SW846 6010	9905042-02A	180.	ug/l	1.8	ug/l
L26(FILTERED)	04-May-99	WT	7440-48-4	Cobalt	INORG	5.3	ug/l	0.9	B		SW846 6010	9905042-02A			5.3	ug/l
L26(FILTERED)	04-May-99	WT	7439-92-1	Lead	INORG	2.	ug/l	1.4	B		SW846 6010	9905042-02A	4.	ug/l	2.	ug/l
L26(FILTERED)	04-May-99	WT	7440-02-0	Nickel	INORG	81.5	ug/l	1.4			SW846 6010	9905042-02A	730.	ug/l	81.5	ug/l
L26(FILTERED)	04-May-99	WT	7440-22-4	Silver	INORG	1.9	ug/l	0.6	B		SW846 6010	9905042-02A	180.	ug/l	1.9	ug/l
MW14R	03-May-99	WT	7439-97-6	Mercury	INORG	0.12	ug/l	0.1	B		SW846 7470	9905037-16G	11.	ug/l		
MW14R	03-May-99	WT	117-81-7	bis(2-Ethylhexyl)phthalate	SVOC	15.	ug/l	7.			SW846 8270C	9905037-16D	4.8	ug/l		
MW14R	03-May-99	WT	57-12-5	Total Cyanide	WET	7.4	ug/l	5.			SW846 9010A	9905037-16H	6.2	ug/l		
MW14R(FILTERED)	03-May-99	WT	7782-49-2	Selenium	INORG	2.6	ug/l	2.3	BN	J	SW846 6010	9905037-17A	180.	ug/l		
MW15R	03-May-99	WT	7782-49-2	Selenium	INORG	2.6	ug/l	2.3	BN	J	SW846 6010	9905037-04J	180.	ug/l		
MW15R(FILTERED)	03-May-99	WT	7782-49-2	Selenium	INORG	2.3	ug/l	2.3	BN	J	SW846 6010	9905037-05A	180.	ug/l		
MW20R	03-May-99	WT	7439-97-6	Mercury	INORG	0.36	ug/l	0.1			SW846 7470	9905037-01H	11.	ug/l		
MW24R	12-May-99	WT	7440-36-0	Antimony	INORG	3.5	ug/l	2.5	B		SW846 6010	9905098-01J	15.	ug/l	3.5	ug/l
MW24R	04-May-99	WT	7440-47-3	Chromium	INORG	1.1	ug/l	0.6	B		SW846 6010	9905042-04F	180.	ug/l	1.1	ug/l
MW24R	04-May-99	WT	7440-22-4	Silver	INORG	0.88	ug/l	0.6	B		SW846 6010	9905042-04F	180.	ug/l	0.88	ug/l

Notes:
1. Blank indicates no standard available
2. Bedrock well MW-24R and Lacustrine well L26 used for background inorganic comparison
3. Bolded results indicate an inorganic exceedance of both the background well concentration and a EPA Region 5 DQL.
4. Region 5 DQL = U.S. EPA Region 5 Data Quality Levels
5. Laboratory Qualifiers include:
   J = Value is less than the reporting limits but greater than zero
   B = Indicates that the compound was found in the associated blank
6. Data validation Qualifiers include:
   J = Estimated due to failed QC criteria

APPENDIX F

Historical Groundwater Data and Validation Report

Data Review Summary
Waste Management of Ohio, Inc. Facility
Vickery, Ohio
WMI Environmental Monitoring Laboratory
and
Quanterra Laboratory

This data review summary pertains to analytical results for nine (9) historical groundwater sampling events at the above referenced site. The table below summarizes the samples collected during each event. Where possible, the data were assessed in accordance with the United States Environmental Protection Agency (USEPA) **National Functional Guidelines for Organic Data Review** (Draft 12/90, Revised 2/94) and the USEPA **National Functional Guidelines for Inorganic Data Review** (Draft 12/90, Revised 2/94). No quality control (QC) data was provided for evaluation of samples collected during the four 1993 sampling events; therefore, no review of the QC data was made.

Sampling Event	Sample IDs	Sampling Event	Sample IDs
January 1993	02FB, DUP, L17, L18, L19, L19A, L21, L22, L25, L29, L31, L32, L33, L34, L35, T17, T18, MW21R, MW22R, MW17R, MW18R	April 1997	02FBB, 02FBD, DUP1, EBFDFT, G-DRAIN, MW14R, MW15R, MW16R, MW20R, MW24R, MW30R, MW36R, MW37R,
April 1993	02FB, 02FBA, 02FBC, DUP2, DUP3, 02FBE, L14, L15, L16, L17, L18, L19, L19A, L20, L21, L22, L23A, L25, L26, L27, L28, L29, L30, L31, L32, L33, L34, L35, L39, T14, T17, T18, T19, T23A, T27, T37, T38, MW17R, MW18R, MW21R, MW22R	October 1997	02FBB, 02FBD, DUP1, EBFDFT, G-DRAIN, MW14R, MW15R, MW16R, MW20R, MW24R, MW30R, MW36R, MW37R
July 1993	02FBE, 05FB, DUP, DUPL14, DUPL15, L14, L15, L17, L17R, L18, L18R, L19A, L21, L22, L25, L29, L31, L32, L33, L34, L35, T17, T18, T19, MW21R, MW22R	April 1998	02FBB, 02FBD, DUP1, DRAIN, MW14R, MW15R, MW16R, MW20R, MW24R, MW30R, MW36R, MW37R
October 1993	EBDFT, 02FB, 02FBA, 02FBC, 02FBE, DUP2, DUP3, L14, L15, L16, L17, L18, L19A, L20, L21, L22, L23A, L25, L26, L27, L28, L29, L30, L31, L32, L33, L34, L35, L39, T14, T17, T18, T19, T23A, T27, T37, T38, MW17R, MW18R, MW21R, MW22R	October 1998	02FBB, 02FBD, DUP1, DRAIN, MW14R, MW15R, MW16R, MW20R, MW24R, MW30R, MW36R, MW37R
		April 1999	02FBB, 02FBD, DUP1, EBFDFT, DRAIN, MW14R, MW15R, MW16R, MW20R, MW24R, MW30R, MW36R, MW37R

The following items/criteria applicable to the samples listed above were reviewed:

- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Data
- Blank Data

The above items were in compliance with USEPA validation QC criteria with the exception of the items discussed in the following text. The data have been validated according to the above procedures and qualified as described on the attached definitions list.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results

The table below lists samples that are associated with inorganic analysis laboratory spike sample recoveries that fell outside the USEPA 75% to 125% QC limits. All sample results for the analytes exhibiting low recoveries are therefore considered estimated and are flagged "J."

Sampling Event	Analyte(s)	Associated Sample
April 1997	total lead	all samples
	dissolved lead	all samples
	total arsenic	02FBB, DUP1, DRAIN, MW14R, MW15R, MW16R, MW20R, MW30R, MW37R
	dissolved arsenic	02FBD
October 1997	dissolved arsenic	DUP1, DRAIN, MW15R, MW16R, MW36R
	phenolics	DUP1, DRAIN, MW15R, MW16R, MW36R
	total lead	all samples
	dissolved lead	all samples
April 1998	total lead	02FBB, MW14R, MW24R, MW30R, MW37R
	dissolved arsenic	02FBD, DUP1, MW14R, MW20R
October 1998	dissolved lead	DRAIN

Field Duplicate Data

Although field duplicate data were provided, at the time of this validation effort no field sampling data were available to correlate the blind field duplicate sample identification with that of a field sample. Therefore, no review of these data is possible.

Summary

Based on the available QC data reviewed, all of the historical groundwater sample data that were reviewed are within the USEPA validation criteria with the exceptions noted above. All of these data are considered valid and usable.

C. Brett Mongillo

Reviewed By
C. Brett Mongillo
Manager Chemistry Services

8-19-99

Date

APPENDIX F
1993 GROUNDWATER DATA
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Well	L14			L15			L16		L17				L18			
Date	Apr-93	Jul-93	Oct-93	Apr-93	Jul-93	Oct-93	Apr-93	Oct-93	Jan-93	Apr-93	Jul-93	Oct-93	Jan-93	Apr-93	Jul-93	Oct-93
Elevation	604.81	603.52	603.24	604.27	603.75	602.59	604.07	603.8	606.02	606.06	604.54	602.07	605.88	606.36	605.32	602.71
pH	6.93	6.61	6.54	6.82	6.53	6.39	6.88	6.3	6.77	6.84	6.71	6.38	6.99	7	6.77	6.72
SC	4180	4200	3940	7070	6980	7020	5020	5070	3980	4170	4000	4060	2530	2590	2600	2590
TOX	50		1500	116		164	139	226	2260	2090	1980	2430	<5	17	<5	13
1,1,1-Trichloroethane																
1,1,2,2-Tetrachloroethane																
1,1,2-Trichloroethane																
1,1-Dichloroethane																
1,1-Dichloroethene																
1,2-Dichloropropane																
1,2-Dichlorobenzene																
1,3-Dichlorobenzene																
1,4-Dichlorobenzene																
2-Butanone																
2-Chloroethyl vinyl ether																
Benzene																
Bromodichloromethane																
Bromoform																
Bromomethane																
Carbon Tetrachloride																
Chlorobenzene																
Chloroethane																
Chloroform																
Chloromethane																
cis-1,2-Dichloroethene																
cis-1,3-Dichloropropene																
Dibromochloromethane																
Dichlorodifluoromethane																
Ethanol																
Ethylbenzene																
Methanol																
Methylene Chloride																
Tetrachloroethene																
Toluene																
trans-1,2-Dichloroethene																
trans-1,3-Dichloropropene																
Trichloroethene																
Trichlorofluoromethane																
Vinyl Chloride																
Phenols				0.013												
PCB-1016																
PCB-1221																
PCB-1232																
PCB-1242																
PCB-1248																
PCB-1254																
PCB-1260																
Arsenic									23.6							
Arsenic-total									40							
Cadmium	6.6			6.6												
Cadmium-total																
Chloride	960		1010	1750		1700	641	608	662					54.6		59.2
Chromium									10.4							
Chromium-total	539		249						482					21		21.9
Lead																
Lead-total																
Nickel	1110		281	644		294	182	122	987							
Nickel-total	1710		315						777							
Sulfate	620		762	1040		1050	1620	1580	1060					1200		1170
Zinc																
Zinc-total	67.7								64.8					33		39.2

APPENDIX F
1993 GROUNDWATER DATA
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Well	L19A				L20		L21				L22				L23A	
Date	Jan-93	Apr-93	Jul-93	Oct-93	Apr-93	Oct-93	Jan-93	Apr-93	Jul-93	Oct-93	Jan-93	Apr-93	Jul-93	Oct-93	Apr-93	Oct-93
Elevation	609.99	610.01	608.9	608.37	609.34	608.04	608.32	608.62	608.12	606.78	606.38	606.95	606.91	604.23	610.02	604.31
pH	6.92	6.46	6.43	6.22	6.69	6.38	6.15	6.93	6.64	6.43	6.77	7.06	6.73	6.67	7.26	6.58
SC	5920	6010	5040	5910	5640	7070	3580	3530	3520	3480	3290	3160	3240	3310	1403	1357
TOX	170	258	167	95	269	261				NA					<5	<5
1,1,1-Trichloroethane																
1,1,2,2-Tetrachloroethane																
1,1,2-Trichloroethane																
1,1-Dichloroethane																
1,1-Dichloroethene																
1,2-Dichloropropane																
1,2-Dichlorobenzene																
1,3-Dichlorobenzene																
1,4-Dichlorobenzene																
2-Butanone																
2-Chloroethyl vinyl ether																
Benzene																
Bromodichloromethane																
Bromoform																
Bromomethane																
Carbon Tetrachloride																
Chlorobenzene																
Chloroethane																
Chloroform																
Chloromethane																
cis-1,2-Dichloroethene																
cis-1,3-Dichloropropene																
Dibromochloromethane																
Dichlorodifluoromethane																
Ethanol																
Ethylbenzene																
Methanol																
Methylene Chloride																
Tetrachloroethene																
Toluene																
trans-1,2-Dichloroethene																
trans-1,3-Dichloropropene																
Trichloroethene																
Trichlorofluoromethane																
Vinyl Chloride																
Phenols		0.04			0.02											
PCB-1016																
PCB-1221																
PCB-1232																
PCB-1242																
PCB-1248																
PCB-1254																
PCB-1260																
Arsenic																
Arsenic-total		31.6														
Cadmium																
Cadmium-total																
Chloride		1330		1270	1540	1520									127	110
Chromium																
Chromium-total		107		35.2		14.7	20	395	169	603	122	31.6	111	59.8	45.6	125
Lead																
Lead-total		27.5								6.3					9.6	
Nickel		118		67.5		56.7										
Nickel-total		197		81.5	78.8	64.3									41.4	101
Sulfate		528		471	1250	1150									233	228
Zinc																
Zinc-total		140		24.6												36.4

APPENDIX F
1993 GROUNDWATER DATA
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Well	L25				L26		L27		L28		L29				L30	
Date	Jan-93	Apr-93	Jul-93	Oct-93	Apr-93	Oct-93	Apr-93	Oct-93	Apr-93	Oct-93	Jan-93	Apr-93	Jul-93	Oct-93	Apr-93	Oct-93
Elevation	604.72	605.11	604.41	602.2	607.67	604.89	609.36	607.66	609.05	608.14	602.51	603.67	604	601.35	607.92	606.64
pH	6.81	6.88	6.69	6.28	6.75	6.52	7.56	6.75	6.59	6.25	6.83	7	6.74	6.76	6.81	6.36
SC	2780	2870	2950	2930	5320	5270	973	909	7540	7760	2390	2610	2450	2340	8090	8140
TOX	352	267	297	318	876	862	14	21	351	318					483	343
1,1,1-Trichloroethane																
1,1,2,2-Tetrachloroethane																
1,1,2-Trichloroethane																
1,1-Dichloroethane																
1,1-Dichloroethene																
1,2-Dichloropropane																
1,2-Dichlorobenzene																
1,3-Dichlorobenzene																
1,4-Dichlorobenzene																
2-Butanone																
2-Chloroethyl vinyl ether																
Benzene																
Bromodichloromethane																
Bromoform																
Bromomethane																
Carbon Tetrachloride																
Chlorobenzene																
Chloroethane																
Chloroform																
Chloromethane																
cis-1,2-Dichloroethene																
cis-1,3-Dichloropropene																
Dibromochloromethane																
Dichlorodifluoromethane																
Ethanol																
Ethylbenzene																
Methanol																
Methylene Chloride																
Tetrachloroethene																
Toluene																
trans-1,2-Dichloroethene																
trans-1,3-Dichloropropene																
Trichloroethene																
Trichlorofluoromethane																
Vinyl Chloride																
Phenols																
PCB-1016																
PCB-1221																
PCB-1232																
PCB-1242																
PCB-1248																
PCB-1254																
PCB-1260																
Arsenic																
Arsenic-total		37.2													10.3	
Cadmium									6.9							
Cadmium-total																
Chloride		639		591		1640	27.1	27.6	2170	2000					1850	1800
Chromium																
Chromium-total		355		207		18.6	235	59.3	21.6	113	2390	59.2	38.4	184	311	158
Lead																
Lead-total		28.2		6.9			8				10.6					
Nickel		106		92.9		90.3			84.2	84.1					250	102
Nickel-total		277		135		106	183	61.3	85	90.6					349	175
Sulfate		308		300		609	151	154	618	551					1690	1530
Zinc		26.5														
Zinc-total		250		45.9						25.7					52.6	58.9

APPENDIX F
1993 GROUNDWATER DATA
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Well	L31				L32				L33			L34			
Date	Jan-93	Apr-93	Jul-93	Oct-93	Jan-93	Apr-93	Jul-93	Oct-93	Jan-93	Apr-93	Jul-93	Jan-93	Apr-93	Jul-93	Oct-93
Elevation	601.18	601.83	602.39	598.57	603.58	603.73	605.42	603.18	603.59	604.37	602.07	606.35	606.49	605.77	604.33
pH	6.68	7.3	7.02	6.88	6.75	7.27	7.06	6.94	6.32	6.79	6.63	6.3	6.94	6.81	6.73
SC	1348	1568	603	1590	1279	1341	1449	1410	5640	6190	6270	2400	2280	2240	2140
TOX															
1,1,1-Trichloroethane															
1,1,2,2-Tetrachloroethane															
1,1,2-Trichloroethane															
1,1-Dichloroethane															
1,1-Dichloroethene															
1,2-Dichloropropane															
1,2-Dichlorobenzene															
1,3-Dichlorobenzene															
1,4-Dichlorobenzene															
2-Butanone															
2-Chloroethyl vinyl ether															
Benzene															
Bromodichloromethane															
Bromoform															
Bromomethane															
Carbon Tetrachloride															
Chlorobenzene															
Chloroethane															
Chloroform															
Chloromethane															
cis-1,2-Dichloroethene															
cis-1,3-Dichloropropene															
Dibromochloromethane															
Dichlorodifluoromethane															
Ethanol															
Ethylbenzene															
Methanol															
Methylene Chloride															
Tetrachloroethene															
Toluene															
trans-1,2-Dichloroethene															
trans-1,3-Dichloropropene															
Trichloroethene															
Trichlorofluoromethane															
Vinyl Chloride															
Phenols															
PCB-1016															
PCB-1221															
PCB-1232															
PCB-1242															
PCB-1248															
PCB-1254															
PCB-1260															
Arsenic															
Arsenic-total												13.8			
Cadmium															
Cadmium-total															
Chloride															
Chromium															
Chromium-total	65.8	50.5							191			1190	355	340	470
Lead															
Lead-total															5.8
Nickel															
Nickel-total															
Sulfate															
Zinc															
Zinc-total															

APPENDIX F
1993 GROUNDWATER DATA
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Well	L35				L39		T14		T17				T18			
Date	Jan-93	Apr-93	Jul-93	Oct-93	Apr-93	Oct-93	Apr-93	Oct-93	Jan-93	Apr-93	Jul-93	Oct-93	Jan-93	Apr-93	Jul-93	Oct-93
Elevation	607.57	607.67	607.05	606.23	609.04	DRY	604.26	602.58	603.84	603.44	602.12	601.12	604.07	603.03	602.46	600.97
pH	6.52	7.16	6.81	6.89	7.25		7.51	6.8	7.05	7.33	7.03	6.79	7.08	7.11	6.99	6.8
SC	1437	1253	1252	1210	1642		1952	2040	2460	2530	2500	2490	1983	2040	2020	2090
TOX					15		<5	<5	10.6	<5	15	<5	<5	<5	<5	<5
1,1,1-Trichloroethane																
1,1,2,2-Tetrachloroethane																
1,1,2-Trichloroethane																
1,1-Dichloroethane																
1,1-Dichloroethene																
1,2-Dichloropropane																
1,2-Dichlorobenzene																
1,3-Dichlorobenzene																
1,4-Dichlorobenzene																
2-Butanone																
2-Chloroethyl vinyl ether																
Benzene																
Bromodichloromethane																
Bromoform																
Bromomethane																
Carbon Tetrachloride																
Chlorobenzene																
Chloroethane																
Chloroform																
Chloromethane																
cis-1,2-Dichloroethene																
cis-1,3-Dichloropropene																
Dibromochloromethane																
Dichlorodifluoromethane																
Ethanol																
Ethylbenzene																
Methanol																
Methylene Chloride																
Tetrachloroethene																
Toluene																
trans-1,2-Dichloroethene																
trans-1,3-Dichloropropene																
Trichloroethene																
Trichlorofluoromethane																
Vinyl Chloride																
Phenols																
PCB-1016																
PCB-1221																
PCB-1232																
PCB-1242																
PCB-1248																
PCB-1254																
PCB-1260																
Arsenic																
Arsenic-total	14.7												129			
Cadmium																
Cadmium-total																
Chloride					63.7		37.6	45	34.2				15.9			16.1
Chromium																
Chromium-total	204	207	126	322	93.5		164		67.3				36.2			
Lead																
Lead-total		14.9			8								126			
Nickel									52.6				48.9			
Nickel-total					73.3		119		109				83.9			
Sulfate					334		802	782	1340				1010			1010
Zinc																
Zinc-total					31.6		27.7		86				111			

APPENDIX F
1993 GROUNDWATER DATA
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Well	T19			T23A		T27		T37		T38	
Date	Apr-93	Jul-93	Oct-93	Apr-93	Oct-93	Apr-93	Oct-93	Apr-93	Oct-93	Apr-93	Oct-93
Elevation	609.36	608.24	607.8	607.32	603.5	607.7	605.64	612.72	609.48	612.95	609.68
pH	7.22	6.82	6.49	7.55	7.2	7.92	6.53	7.06	6.81	7.06	6.79
SC	2310	2690	2430	1791	1800	1025	1070	2460	2640	2780	2980
TOX	17		13	<5	<5	8	<5	<5	6	<5	<5
1,1,1-Trichloroethane											
1,1,2,2-Tetrachloroethane											
1,1,2-Trichloroethane											
1,1-Dichloroethane											
1,1-Dichloroethene											
1,2-Dichloropropane											
1,2-Dichlorobenzene											
1,3-Dichlorobenzene											
1,4-Dichlorobenzene											
2-Butanone											
2-Chloroethyl vinyl ether											
Benzene											
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon Tetrachloride											
Chlorobenzene											
Chloroethane											
Chloroform											
Chloromethane											
cis-1,2-Dichloroethene											
cis-1,3-Dichloropropene											
Dibromochloromethane											
Dichlorodifluoromethane											
Ethanol											
Ethylbenzene											
Methanol											
Methylene Chloride											
Tetrachloroethene											
Toluene											
trans-1,2-Dichloroethene											
trans-1,3-Dichloropropene											
Trichloroethene											
Trichlorofluoromethane											
Vinyl Chloride											
Phenols											
PCB-1016											
PCB-1221											
PCB-1232											
PCB-1242											
PCB-1248											
PCB-1254											
PCB-1260											
Arsenic											
Arsenic-total											
Cadmium											
Cadmium-total											
Chloride	758		762	77.4	71.3	2.5	6.2	43.6	40.7	40.2	39.8
Chromium											
Chromium-total	66.5		84	275		109		195	69.6	28.4	
Lead											
Lead-total				16.6				6.6		25	
Nickel	188		133								
Nickel-total	152		140	229		96.8		150	72.4		
Sulfate	163		172	592	562	349	347	1260	1230	1580	1410
Zinc											
Zinc-total				97.9		37.3		40.5	40.2	45.3	
	Notes:										
	1. All results reported in ug/L.										
	2. All analyses performed by WMI Environmental Monitoring Laboratories, Inc.										
	3. Blank spaces indicate no detections.										
	4. SC = Specific Conductance (field measured).										
	5. TOX = Total Organic Halogen.										

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
2-CHLOROETHYLVINYL ETHER	02FBB	ND	4	20	19971020	UG/L	490	AS3160-G1	FB	VOMSAAO332	624/8260	110758
NICKEL-TOTAL	02FBB	ND	19	40	19971020	UG/L	490	AS3160-B0	FB	INICPTOTNI	200.7/6010	NIT
1,1,1-TRICHLOROETHANE	02FBB	ND	0.3	5	19971020	UG/L	490	AS3160-G1	FB	VOMSAAO332	624/8260	71556
1,1,2,2-TETRACHLOROETHANE	02FBB	ND	0.5	5	19971020	UG/L	490	AS3160-G1	FB	VOMSAAO332	624/8260	79345
1,1,2-TRICHLOROETHANE	02FBB	ND	0.3	5	19971020	UG/L	490	AS3160-G1	FB	VOMSAAO332	624/8260	79005
1,1-DICHLOROETHANE	02FBB	ND	0.3	5	19971020	UG/L	490	AS3160-G1	FB	VOMSAAO332	624/8260	75343
1,1-DICHLOROETHENE	02FBB	ND	0.5	5	19971020	UG/L	490	AS3160-G1	FB	VOMSAAO332	624/8260	75354
1,2-DICHLOROBENZENE	02FBB	ND	0.4	10	19971020	UG/L	490	AS3160-G1	FB	VOMSAAO332	624/8260	95501
1,2-DICHLOROETHANE	02FBB	ND	0.3	4	19971020	UG/L	490	AS3160-G1	FB	VOMSAAO332	624/8260	107062
1,2-DICHLOROPROPANE	02FBB	ND	0.5	5	19971020	UG/L	490	AS3160-G1	FB	VOMSAAO332	624/8260	78875
1,3-DICHLOROBENZENE	02FBB	ND	0.3	10	19971020	UG/L	490	AS3160-G1	FB	VOMSAAO332	624/8260	541731
1,4-DICHLOROBENZENE	02FBB	ND	0.5	10	19971020	UG/L	490	AS3160-G1	FB	VOMSAAO332	624/8260	106467
2-BUTANONE	02FBB	ND	8	50	19971020	UG/L	490	AS3160-G1	FB	VOMSAAO332	624/8260	78933
AROCLOR 1016	02FBB	ND	0.07	0.5	19971020	UG/L	490	AS3160-E0	FB	SVGC1PCB01	608/8080	12674112
AROCLOR 1221	02FBB	ND	0.4	0.5	19971020	UG/L	490	AS3160-E0	FB	SVGC1PCB01	608/8080	11104282
AROCLOR 1232	02FBB	ND	0.1	0.5	19971020	UG/L	490	AS3160-E0	FB	SVGC1PCB01	608/8080	11141165
AROCLOR 1242	02FBB	ND	0.06	0.5	19971020	UG/L	490	AS3160-E0	FB	SVGC1PCB01	608/8080	53469219
AROCLOR 1248	02FBB	ND	0.08	0.5	19971020	UG/L	490	AS3160-E0	FB	SVGC1PCB01	608/8080	12672296
AROCLOR 1254	02FBB	ND	0.04	0.5	19971020	UG/L	490	AS3160-E0	FB	SVGC1PCB01	608/8080	11097691
AROCLOR 1260	02FBB	ND	0.03	0.5	19971020	UG/L	490	AS3160-E0	FB	SVGC1PCB01	608/8080	11096825
ARSENIC-DISSOLVED	02FBB	ND	0.7	10	19971020	UG/L	490	AS3160-C0	FB	INGFAADIAS	206.2/7060	ASD
ARSENIC-TOTAL	02FBB	ND	0.7	10	19971020	UG/L	490	AS3160-B0	FB	INGFAATOAS	206.2/7060	AST
BENZENE	02FBB	ND	0.4	4	19971020	UG/L	490	AS3160-G1	FB	VOMSAAO332	624/8260	71432
BROMODICHLOROMETHANE	02FBB	ND	0.3	5	19971020	UG/L	490	AS3160-G1	FB	VOMSAAO332	624/8260	75274
BROMOFORM	02FBB	ND	0.2	5	19971020	UG/L	490	AS3160-G1	FB	VOMSAAO332	624/8260	75252
BROMOMETHANE	02FBB	ND	1	10	19971020	UG/L	490	AS3160-G1	FB	VOMSAAO332	624/8260	74839
CADMIUM-DISSOLVED	02FBB	ND	0.7	4.9	19971020	UG/L	490	AS3160-D0	FB	INTJADISCD	200.7/6010	CDD
CADMIUM-TOTAL	02FBB	ND	0.7	4.9	19971020	UG/L	490	AS3160-B0	FB	INTJATOTCD	200.7/6010	CDT
CARBON TETRACHLORIDE	02FBB	ND	0.4	5	19971020	UG/L	490	AS3160-G1	FB	VOMSAAO332	624/8260	56235
CHLOROBENZENE	02FBB	ND	0.3	5	19971020	UG/L	490	AS3160-G1	FB	VOMSAAO332	624/8260	108907
CHLOROETHANE	02FBB	ND	0.6	10	19971020	UG/L	490	AS3160-G1	FB	VOMSAAO332	624/8260	75003
CHLOROFORM	02FBB	ND	0.4	5	19971020	UG/L	490	AS3160-G1	FB	VOMSAAO332	624/8260	67663

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
SPECIFIC CONDUCTANCE FIELD	02FBB		7		19971020	UMHOS/CM	490	AS3160-99	FB	FDSPCOND04	FIELD	SP COND-1
SPECIFIC CONDUCTANCE FIELD	02FBB		6		19971020	UMHOS/CM	490	AS3160-99	FB	FDSPCOND04	FIELD	SP COND-2
SPECIFIC CONDUCTANCE FIELD	02FBB		6		19971020	UMHOS/CM	490	AS3160-99	FB	FDSPCOND04	FIELD	SP COND-4
SPECIFIC CONDUCTANCE FIELD	02FBB		6		19971020	UMHOS/CM	490	AS3160-99	FB	FDSPCOND04	FIELD	SP COND-3
WATER TEMP. IN DEG. CELSIUS	02FBB		19.1		19971020	DEGREES C	490	AS3160-99	FB	FDXTEMPC01	FIELD	FTEMP DEGC
WELL DEPTH TOTAL	02FBB		NA		19971020	FT	490	AS3160-99	FB	FDWGWELWDT	FIELD	WDEPTH TOT
2-CHLOROETHYLVINYL ETHER	02FBB	ND	5	20	19980413	UG/L	490	AT5611-F2	FB	VOMSAAD303	624/8260	110758
1,1,1-TRICHLOROETHANE	02FBB	ND	0.3	5	19980413	UG/L	490	AT5611-F2	FB	VOMSAAD303	624/8260	71556
1,1,2,2-TETRACHLOROETHANE	02FBB	ND	0.5	5	19980413	UG/L	490	AT5611-F2	FB	VOMSAAD303	624/8260	79345
1,1,2-TRICHLOROETHANE	02FBB	ND	0.3	5	19980413	UG/L	490	AT5611-F2	FB	VOMSAAD303	624/8260	79005
1,1-DICHLOROETHANE	02FBB	ND	0.3	5	19980413	UG/L	490	AT5611-F2	FB	VOMSAAD303	624/8260	75343
1,1-DICHLOROETHENE	02FBB	ND	0.5	5	19980413	UG/L	490	AT5611-F2	FB	VOMSAAD303	624/8260	75354
1,2-DICHLOROBENZENE	02FBB	ND	0.4	10	19980413	UG/L	490	AT5611-F2	FB	VOMSAAD303	624/8260	95501
1,2-DICHLOROETHANE	02FBB	ND	0.3	4	19980413	UG/L	490	AT5611-F2	FB	VOMSAAD303	624/8260	107062
1,2-DICHLOROPROPANE	02FBB	ND	0.6	5	19980413	UG/L	490	AT5611-F2	FB	VOMSAAD303	624/8260	78875
1,3-DICHLOROBENZENE	02FBB	ND	0.3	10	19980413	UG/L	490	AT5611-F2	FB	VOMSAAD303	624/8260	541731
1,4-DICHLOROBENZENE	02FBB	ND	0.5	10	19980413	UG/L	490	AT5611-F2	FB	VOMSAAD303	624/8260	106467
2-BUTANONE	02FBB	ND	9	50	19980413	UG/L	490	AT5611-F2	FB	VOMSAAD303	624/8260	78933
AROCLOR 1016	02FBB	ND	0.1	0.5	19980413	UG/L	490	AT5611-E0	FB	SVGC1PAB01	8082	12674112
AROCLOR 1221	02FBB	ND	0.4	0.5	19980413	UG/L	490	AT5611-E0	FB	SVGC1PAB01	8082	11104282
AROCLOR 1232	02FBB	ND	0.2	0.5	19980413	UG/L	490	AT5611-E0	FB	SVGC1PAB01	8082	11141165
AROCLOR 1242	02FBB	ND	0.2	0.5	19980413	UG/L	490	AT5611-E0	FB	SVGC1PAB01	8082	53469219
AROCLOR 1248	02FBB	ND	0.2	0.5	19980413	UG/L	490	AT5611-E0	FB	SVGC1PAB01	8082	12672296
AROCLOR 1254	02FBB	ND	0.09	0.5	19980413	UG/L	490	AT5611-E0	FB	SVGC1PAB01	8082	11097691
AROCLOR 1260	02FBB	ND	0.1	0.5	19980413	UG/L	490	AT5611-E0	FB	SVGC1PAB01	8082	11096825
ARSENIC-DISSOLVED	02FBB	ND	0.7	10	19980413	UG/L	490	AT5611-C0	FB	INGFAADIAS	206.2/7060	ASD
ARSENIC-TOTAL	02FBB	ND	0.7	10	19980413	UG/L	490	AT5611-B0	FB	INGFAATOAS	206.2/7060	AST
BENZENE	02FBB	ND	0.4	4	19980413	UG/L	490	AT5611-F2	FB	VOMSAAD303	624/8260	71432
BROMODICHLOROMETHANE	02FBB	ND	0.3	5	19980413	UG/L	490	AT5611-F2	FB	VOMSAAD303	624/8260	75274
BROMOFORM	02FBB	ND	0.2	5	19980413	UG/L	490	AT5611-F2	FB	VOMSAAD303	624/8260	75252
BROMOMETHANE	02FBB	ND	1	10	19980413	UG/L	490	AT5611-F2	FB	VOMSAAD303	624/8260	74839
CADMIUM-DISSOLVED	02FBB	ND	0.7	4.9	19980413	UG/L	490	AT5611-D0	FB	INTJADISCD	200.7/6010	CDD

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Date	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
GROUNDWATER ELEV.	02FBB		NA		19980413	FT MSL	490	AT5611-99	FB	FDWGWELWDT	FIELD	GW ELEV.
PH FIELD	02FBB		5.61		19980413	PH UNITS	490	AT5611-99	FB	FDPHQUAD01	FIELD	FIELD PH-1
PH FIELD	02FBB		5.59		19980413	PH UNITS	490	AT5611-99	FB	FDPHQUAD01	FIELD	FIELD PH-2
PH FIELD	02FBB		5.63		19980413	PH UNITS	490	AT5611-99	FB	FDPHQUAD01	FIELD	FIELD PH-3
PH FIELD	02FBB		5.68		19980413	PH UNITS	490	AT5611-99	FB	FDPHQUAD01	FIELD	FIELD PH-4
PURGE DATE (YY/MM/DD)	02FBB		98-04-13		19980413	YY/MM/DD	490	AT5611-99	FB	FDWPURINFO	FIELD	PURGE DATE
SPECIFIC CONDUCTANCE FIELD	02FBB		6		19980413	UMHOS/CM	490	AT5611-99	FB	FDSPCOND04	FIELD	SP COND-1
SPECIFIC CONDUCTANCE FIELD	02FBB		5		19980413	UMHOS/CM	490	AT5611-99	FB	FDSPCOND04	FIELD	SP COND-2
SPECIFIC CONDUCTANCE FIELD	02FBB		6		19980413	UMHOS/CM	490	AT5611-99	FB	FDSPCOND04	FIELD	SP COND-4
SPECIFIC CONDUCTANCE FIELD	02FBB		6		19980413	UMHOS/CM	490	AT5611-99	FB	FDSPCOND04	FIELD	SP COND-3
WATER TEMP. IN DEG. CELSIUS	02FBB		23.5		19980413	DEGREES C	490	AT5611-99	FB	FDXTEMPC01	FIELD	FTEMP DEGC
WELL DEPTH TOTAL	02FBB		NA		19980413	FT	490	AT5611-99	FB	FDWGWELWDT	FIELD	WDEPTH TOT
2-CHLOROETHYLVINYL ETHER	02FBD	ND	4	20	19971020	UG/L	490	AS3162-G1	FB	VOMSAAO332	624/8260	110758
ARSENIC-DISSOLVED	02FBD	ND	3.5	14	19971020	UG/L	490	AS3162-C0	FB	INGFAADIAS	206.2/7060	ASD
1,1,1-TRICHLOROETHANE	02FBD	ND	0.3	5	19971020	UG/L	490	AS3162-G1	FB	VOMSAAO332	624/8260	71556
1,1,2,2-TETRACHLOROETHANE	02FBD	ND	0.5	5	19971020	UG/L	490	AS3162-G1	FB	VOMSAAO332	624/8260	79345
1,1,2-TRICHLOROETHANE	02FBD	ND	0.3	5	19971020	UG/L	490	AS3162-G1	FB	VOMSAAO332	624/8260	79005
1,1-DICHLOROETHANE	02FBD	ND	0.3	5	19971020	UG/L	490	AS3162-G1	FB	VOMSAAO332	624/8260	75343
1,1-DICHLOROETHENE	02FBD	ND	0.5	5	19971020	UG/L	490	AS3162-G1	FB	VOMSAAO332	624/8260	75354
1,2-DICHLOROBENZENE	02FBD	ND	0.4	10	19971020	UG/L	490	AS3162-G1	FB	VOMSAAO332	624/8260	95501
1,2-DICHLOROETHANE	02FBD	ND	0.3	4	19971020	UG/L	490	AS3162-G1	FB	VOMSAAO332	624/8260	107062
1,2-DICHLOROPROPANE	02FBD	ND	0.5	5	19971020	UG/L	490	AS3162-G1	FB	VOMSAAO332	624/8260	78875
1,3-DICHLOROBENZENE	02FBD	ND	0.3	10	19971020	UG/L	490	AS3162-G1	FB	VOMSAAO332	624/8260	541731
1,4-DICHLOROBENZENE	02FBD	ND	0.5	10	19971020	UG/L	490	AS3162-G1	FB	VOMSAAO332	624/8260	106467
2-BUTANONE	02FBD	ND	8	50	19971020	UG/L	490	AS3162-G1	FB	VOMSAAO332	624/8260	78933
AROCLOR 1016	02FBD	ND	0.07	0.5	19971020	UG/L	490	AS3162-E0	FB	SVGC1PCB01	608/8080	12674112
AROCLOR 1221	02FBD	ND	0.4	0.5	19971020	UG/L	490	AS3162-E0	FB	SVGC1PCB01	608/8080	11104282
AROCLOR 1232	02FBD	ND	0.1	0.5	19971020	UG/L	490	AS3162-E0	FB	SVGC1PCB01	608/8080	11141165
AROCLOR 1242	02FBD	ND	0.06	0.5	19971020	UG/L	490	AS3162-E0	FB	SVGC1PCB01	608/8080	53469219
AROCLOR 1248	02FBD	ND	0.08	0.5	19971020	UG/L	490	AS3162-E0	FB	SVGC1PCB01	608/8080	12672296
AROCLOR 1254	02FBD	ND	0.04	0.5	19971020	UG/L	490	AS3162-E0	FB	SVGC1PCB01	608/8080	11097691
AROCLOR 1260	02FBD	ND	0.03	0.5	19971020	UG/L	490	AS3162-E0	FB	SVGC1PCB01	608/8080	11096825

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
VINYL CHLORIDE	02FBD	ND	0.5	2	19971020	UG/L	490	AS3162-G1	FB	VOMSAAO332	624/8260	75014
ZINC-DISSOLVED	02FBD	ND	10	20	19971020	UG/L	490	AS3162-D0	FB	INICPDISZN	200.7/6010	ZND
ZINC-TOTAL	02FBD	ND	10	20	19971020	UG/L	490	AS3162-B0	FB	INICPTOTZN	200.7/6010	ZNT
ACTUAL VOLUME PURGED	02FBD		NA		19971020	GALLONS	490	AS3162-99	FB	FDWPURINFO	FIELD	VOL PURGD
DEPTH TO WATER (TOC)	02FBD		NA		19971020	FT	490	AS3162-99	FB	FDWDTWTC01	FIELD	DTW-TC
ELAPSED HOURS	02FBD		NA		19971020	HRS	490	AS3162-99	FB	FDWPURINFO	FIELD	ELAPSE HRS
GROUNDWATER ELEV.	02FBD		NA		19971020	FT MSL	490	AS3162-99	FB	FDWGWELWDT	FIELD	GW ELEV.
PH FIELD	02FBD		4.18		19971020	PH UNITS	490	AS3162-99	FB	FDPHQUAD01	FIELD	FIELD PH-1
PH FIELD	02FBD		3.43		19971020	PH UNITS	490	AS3162-99	FB	FDPHQUAD01	FIELD	FIELD PH-4
PH FIELD	02FBD		3.54		19971020	PH UNITS	490	AS3162-99	FB	FDPHQUAD01	FIELD	FIELD PH-3
PH FIELD	02FBD		3.66		19971020	PH UNITS	490	AS3162-99	FB	FDPHQUAD01	FIELD	FIELD PH-2
PURGE DATE (YY/MM/DD)	02FBD		97-10-21		19971020	YY/MM/DD	490	AS3162-99	FB	FDWPURINFO	FIELD	PURGE DATE
SPECIFIC CONDUCTANCE FIELD	02FBD		3		19971020	UMHOS/CM	490	AS3162-99	FB	FDSPCOND04	FIELD	SP COND-1
SPECIFIC CONDUCTANCE FIELD	02FBD		3		19971020	UMHOS/CM	490	AS3162-99	FB	FDSPCOND04	FIELD	SP COND-2
SPECIFIC CONDUCTANCE FIELD	02FBD		3		19971020	UMHOS/CM	490	AS3162-99	FB	FDSPCOND04	FIELD	SP COND-4
SPECIFIC CONDUCTANCE FIELD	02FBD		3		19971020	UMHOS/CM	490	AS3162-99	FB	FDSPCOND04	FIELD	SP COND-3
WATER TEMP. IN DEG. CELSIUS	02FBD		7		19971020	DEGREES C	490	AS3162-99	FB	FDXTEMPC01	FIELD	FTEMP DEGC
WELL DEPTH TOTAL	02FBD		NA		19971020	FT	490	AS3162-99	FB	FDWGWELWDT	FIELD	WDEPTH TOT
2-CHLOROETHYLVINYL ETHER	02FBD	ND	5	20	19980415	UG/L	490	AT5613-F1	FB	VOMSAAD303	624/8260	110758
1,1,1-TRICHLOROETHANE	02FBD	ND	0.3	5	19980415	UG/L	490	AT5613-F1	FB	VOMSAAD303	624/8260	71556
1,1,2,2-TETRACHLOROETHANE	02FBD	ND	0.5	5	19980415	UG/L	490	AT5613-F1	FB	VOMSAAD303	624/8260	79345
1,1,2-TRICHLOROETHANE	02FBD	ND	0.3	5	19980415	UG/L	490	AT5613-F1	FB	VOMSAAD303	624/8260	79005
1,1-DICHLOROETHANE	02FBD	ND	0.3	5	19980415	UG/L	490	AT5613-F1	FB	VOMSAAD303	624/8260	75343
1,1-DICHLOROETHENE	02FBD	ND	0.5	5	19980415	UG/L	490	AT5613-F1	FB	VOMSAAD303	624/8260	75354
1,2-DICHLOROBENZENE	02FBD	ND	0.4	10	19980415	UG/L	490	AT5613-F1	FB	VOMSAAD303	624/8260	95501
1,2-DICHLOROETHANE	02FBD	ND	0.3	4	19980415	UG/L	490	AT5613-F1	FB	VOMSAAD303	624/8260	107062
1,2-DICHLOROPROPANE	02FBD	ND	0.6	5	19980415	UG/L	490	AT5613-F1	FB	VOMSAAD303	624/8260	78875
1,3-DICHLOROBENZENE	02FBD	ND	0.3	10	19980415	UG/L	490	AT5613-F1	FB	VOMSAAD303	624/8260	541731
1,4-DICHLOROBENZENE	02FBD	ND	0.5	10	19980415	UG/L	490	AT5613-F1	FB	VOMSAAD303	624/8260	106467
2-BUTANONE	02FBD	ND	9	50	19980415	UG/L	490	AT5613-F1	FB	VOMSAAD303	624/8260	78933
AROCLOR 1016	02FBD	ND	0.1	0.5	19980415	UG/L	490	AT5613-E0	FB	SVGC1PAB01	8082	12674112
AROCLOR 1221	02FBD	ND	0.4	0.5	19980415	UG/L	490	AT5613-E0	FB	SVGC1PAB01	8082	11104282

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
TETRACHLOROETHENE	02FBD	ND	0.3	5	19980415	UG/L	490	AT5613-F1	FB	VOMSAAD303	624/8260	127184
TOLUENE	02FBD	ND	0.7	5	19980415	UG/L	490	AT5613-F1	FB	VOMSAAD303	624/8260	108883
TRANS-1,2-DICHLOROETHENE	02FBD	ND	0.3	10	19980415	UG/L	490	AT5613-F1	FB	VOMSAAD303	624/8260	156605
TRANS-1,3-DICHLOROPROPENE	02FBD	ND	0.3	5	19980415	UG/L	490	AT5613-F1	FB	VOMSAAD303	624/8260	10061026
TRICHLOROETHENE	02FBD	ND	0.4	4	19980415	UG/L	490	AT5613-F1	FB	VOMSAAD303	624/8260	79016
TRICHLOROFLUOROMETHANE	02FBD	ND	0.8	10	19980415	UG/L	490	AT5613-F1	FB	VOMSAAD303	624/8260	75694
VINYL CHLORIDE	02FBD	ND	0.5	2	19980415	UG/L	490	AT5613-F1	FB	VOMSAAD303	624/8260	75014
ZINC-DISSOLVED	02FBD	ND	10	20	19980415	UG/L	490	AT5613-D0	FB	INICPDISZN	200.7/6010	ZND
ZINC-TOTAL	02FBD	ND	10	20	19980415	UG/L	490	AT5613-B0	FB	INICPTOTZN	200.7/6010	ZNT
ACTUAL VOLUME PURGED	02FBD		NA		19980415	GALLONS	490	AT5613-99	FB	FDWPURINFO	FIELD	VOL PURGD
DEPTH TO WATER (TOC)	02FBD		NA		19980415	FT	490	AT5613-99	FB	FDWDTWTC01	FIELD	DTW-TC
ELAPSED HOURS	02FBD		NA		19980415	HRS	490	AT5613-99	FB	FDWPURINFO	FIELD	ELAPSE HRS
GROUNDWATER ELEV.	02FBD		NA		19980415	FT MSL	490	AT5613-99	FB	FDWGWELWDT	FIELD	GW ELEV.
PH FIELD	02FBD		7.11		19980415	PH UNITS	490	AT5613-99	FB	FDPHQUAD01	FIELD	FIELD PH-1
PH FIELD	02FBD		7.1		19980415	PH UNITS	490	AT5613-99	FB	FDPHQUAD01	FIELD	FIELD PH-4
PH FIELD	02FBD		7.09		19980415	PH UNITS	490	AT5613-99	FB	FDPHQUAD01	FIELD	FIELD PH-3
PH FIELD	02FBD		7.1		19980415	PH UNITS	490	AT5613-99	FB	FDPHQUAD01	FIELD	FIELD PH-2
PURGE DATE (YY/MM/DD)	02FBD		98-04-15		19980415	YY/MM/DD	490	AT5613-99	FB	FDWPURINFO	FIELD	PURGE DATE
SPECIFIC CONDUCTANCE FIELD	02FBD		4		19980415	UMHOS/CM	490	AT5613-99	FB	FDSPCOND04	FIELD	SP COND-1
SPECIFIC CONDUCTANCE FIELD	02FBD		2		19980415	UMHOS/CM	490	AT5613-99	FB	FDSPCOND04	FIELD	SP COND-2
SPECIFIC CONDUCTANCE FIELD	02FBD		2		19980415	UMHOS/CM	490	AT5613-99	FB	FDSPCOND04	FIELD	SP COND-4
SPECIFIC CONDUCTANCE FIELD	02FBD		2		19980415	UMHOS/CM	490	AT5613-99	FB	FDSPCOND04	FIELD	SP COND-3
WATER TEMP. IN DEG. CELSIUS	02FBD		9.9		19980415	DEGREES C	490	AT5613-99	FB	FDXTEMPC01	FIELD	FTEMP DEGC
WELL DEPTH TOTAL	02FBD		NA		19980415	FT	490	AT5613-99	FB	FDWGWELWDT	FIELD	WDEPTH TOT
2-CHLOROETHYLVINYL ETHER	DRAIN	ND	4	20	19971021	UG/L	490	AS3158-H2		VOMSAAO332	624/8260	110758
ALK., CARBONATE (AS CACO3)	DRAIN	ND	10	10	19971021	MG/L	490	AS3158-E0		INALKCO301	310.1	ALK403IC03
CALCIUM-TOTAL/HARD	DRAIN		527	5.6	19971021	MG/L	490	AS3158-B0		INICPTHARD	SM2340B	CAT-HARD
MAGNESIUM-TOTAL/HARD	DRAIN		388	9.6	19971021	MG/L	490	AS3158-B0		INICPTHARD	SM2340B	MGT-HARD
1,1,1-TRICHLOROETHANE	DRAIN	ND	0.3	5	19971021	UG/L	490	AS3158-H2		VOMSAAO332	624/8260	71556
1,1,2,2-TETRACHLOROETHANE	DRAIN	ND	0.5	5	19971021	UG/L	490	AS3158-H2		VOMSAAO332	624/8260	79345
1,1,2-TRICHLOROETHANE	DRAIN	ND	0.3	5	19971021	UG/L	490	AS3158-H2		VOMSAAO332	624/8260	79005
1,1-DICHLOROETHANE	DRAIN	ND	0.3	5	19971021	UG/L	490	AS3158-H2		VOMSAAO332	624/8260	75343

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
WASTE MANAGEMENT OF OHIO-VICKERY
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
DICHLORODIFLUOROMETHANE	DRAIN	ND	0.6	10	19971021	UG/L	490	AS3158-H2		VOMSAAO332	624/8260	75718
ETHANOL	DRAIN	ND	8	100	19971021	UG/L	490	AS3158-I2		VOMSDAX114	603	64175
ETHYLBENZENE	DRAIN	ND	0.3	5	19971021	UG/L	490	AS3158-H2		VOMSAAO332	624/8260	100414
HARDNESS, TOTAL AS CACO3	DRAIN		2920	5	19971021	MGCACO3/L	490	AS3158-B0		INICPTHARD	SM2340B	HARDNSCAL
LEAD-DISSOLVED	DRAIN	ND	0.9	5	19971021	UG/L	490	AS3158-C0		INGFAADIPB	239.2/7421	PBD
LEAD-TOTAL	DRAIN	ND	0.9	5	19971021	UG/L	490	AS3158-B0		INGFAATOPB	239.2/7421	PBT
METHYLENE CHLORIDE	DRAIN	ND	0.3	5	19971021	UG/L	490	AS3158-H2		VOMSAAO332	624/8260	75092
NICKEL-DISSOLVED	DRAIN	TR	23.4	40	19971021	UG/L	490	AS3158-D0		INICPDISNI	200.7/6010	NID
NICKEL-TOTAL	DRAIN	TR	28.7	40	19971021	UG/L	490	AS3158-B0		INICPTOTNI	200.7/6010	NIT
PHENOLS	DRAIN		0.008	0.005	19971021	MG/L	490	AS3158-A0		CRPNLRMN01	420.2/9066	SN32730LRM
TETRACHLOROETHENE	DRAIN	ND	0.3	5	19971021	UG/L	490	AS3158-H2		VOMSAAO332	624/8260	127184
TOLUENE	DRAIN	ND	0.5	5	19971021	UG/L	490	AS3158-H2		VOMSAAO332	624/8260	108883
TRANS-1,2-DICHLOROETHENE	DRAIN	ND	0.3	10	19971021	UG/L	490	AS3158-H2		VOMSAAO332	624/8260	156605
TRANS-1,3-DICHLOROPROPENE	DRAIN	ND	0.3	5	19971021	UG/L	490	AS3158-H2		VOMSAAO332	624/8260	10061026
TRICHLOROETHENE	DRAIN	ND	0.4	4	19971021	UG/L	490	AS3158-H2		VOMSAAO332	624/8260	79016
TRICHLOROFLUOROMETHANE	DRAIN	ND	0.8	10	19971021	UG/L	490	AS3158-H2		VOMSAAO332	624/8260	75694
VINYL CHLORIDE	DRAIN	ND	0.5	2	19971021	UG/L	490	AS3158-H2		VOMSAAO332	624/8260	75014
ZINC-DISSOLVED	DRAIN	TR	11.5	20	19971021	UG/L	490	AS3158-D0		INICPDISZN	200.7/6010	ZND
ZINC-TOTAL	DRAIN	ND	10	20	19971021	UG/L	490	AS3158-B0		INICPTOTZN	200.7/6010	ZNT
PH FIELD	DRAIN		7.81		19971021	PH UNITS	490	AS3158-99		FDPHQUAD01	FIELD	FIELD PH-1
PH FIELD	DRAIN		7.79		19971021	PH UNITS	490	AS3158-99		FDPHQUAD01	FIELD	FIELD PH-2
PH FIELD	DRAIN		7.78		19971021	PH UNITS	490	AS3158-99		FDPHQUAD01	FIELD	FIELD PH-3
PH FIELD	DRAIN		7.78		19971021	PH UNITS	490	AS3158-99		FDPHQUAD01	FIELD	FIELD PH-4
SPECIFIC CONDUCTANCE FIELD	DRAIN		4840		19971021	UMHOS/CM	490	AS3158-99		FDSPCOND04	FIELD	SP COND-1
SPECIFIC CONDUCTANCE FIELD	DRAIN		4820		19971021	UMHOS/CM	490	AS3158-99		FDSPCOND04	FIELD	SP COND-4
SPECIFIC CONDUCTANCE FIELD	DRAIN		4810		19971021	UMHOS/CM	490	AS3158-99		FDSPCOND04	FIELD	SP COND-3
SPECIFIC CONDUCTANCE FIELD	DRAIN		4830		19971021	UMHOS/CM	490	AS3158-99		FDSPCOND04	FIELD	SP COND-2
WATER TEMP. IN DEG. CELSIUS	DRAIN		14		19971021	DEGREES C	490	AS3158-99		FDXTEMPC01	FIELD	FTEMP DEGC
2-CHLOROETHYLVINYL ETHER	DRAIN	ND	5	20	19980415	UG/L	490	AT5609-G0	TB	VOMSAAD303	624/8260	110758
2-CHLOROETHYLVINYL ETHER	DRAIN	ND	5	20	19980415	UG/L	490	AT5609-F1		VOMSAAD303	624/8260	110758
ARSENIC-DISSOLVED	DRAIN	TR	1.9	10	19980415	UG/L	490	AT5609-C0		INGFAADIAS	206.2/7060	ASD
ARSENIC-TOTAL	DRAIN	ND	3.5	14	19980415	UG/L	490	AT5609-B0		INGFAATOAS	206.2/7060	AST

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
TRICHLOROFLUOROMETHANE	DRAIN	ND	0.8	10	19980415	UG/L	490	AT5609-G0	TB	VOMSAAD303	624/8260	75694
VINYL CHLORIDE	DRAIN	ND	0.5	2	19980415	UG/L	490	AT5609-G0	TB	VOMSAAD303	624/8260	75014
1,1,1-TRICHLOROETHANE	DRAIN	ND	0.3	5	19980415	UG/L	490	AT5609-F1		VOMSAAD303	624/8260	71556
1,1,2,2-TETRACHLOROETHANE	DRAIN	ND	0.5	5	19980415	UG/L	490	AT5609-F1		VOMSAAD303	624/8260	79345
1,1,2-TRICHLOROETHANE	DRAIN	ND	0.3	5	19980415	UG/L	490	AT5609-F1		VOMSAAD303	624/8260	79005
1,1-DICHLOROETHANE	DRAIN	ND	0.3	5	19980415	UG/L	490	AT5609-F1		VOMSAAD303	624/8260	75343
1,1-DICHLOROETHENE	DRAIN	ND	0.5	5	19980415	UG/L	490	AT5609-F1		VOMSAAD303	624/8260	75354
1,2-DICHLOROBENZENE	DRAIN	ND	0.4	10	19980415	UG/L	490	AT5609-F1		VOMSAAD303	624/8260	95501
1,2-DICHLOROETHANE	DRAIN	ND	0.3	4	19980415	UG/L	490	AT5609-F1		VOMSAAD303	624/8260	107062
1,2-DICHLOROPROPANE	DRAIN	ND	0.6	5	19980415	UG/L	490	AT5609-F1		VOMSAAD303	624/8260	78875
1,3-DICHLOROBENZENE	DRAIN	ND	0.3	10	19980415	UG/L	490	AT5609-F1		VOMSAAD303	624/8260	541731
1,4-DICHLOROBENZENE	DRAIN	ND	0.5	10	19980415	UG/L	490	AT5609-F1		VOMSAAD303	624/8260	106467
2-BUTANONE	DRAIN	ND	9	50	19980415	UG/L	490	AT5609-F1		VOMSAAD303	624/8260	78933
AROCLOR 1016	DRAIN	ND	0.1	0.5	19980415	UG/L	490	AT5609-E1		SVGC1PAB01	8082	12674112
AROCLOR 1221	DRAIN	ND	0.4	0.5	19980415	UG/L	490	AT5609-E1		SVGC1PAB01	8082	11104282
AROCLOR 1232	DRAIN	ND	0.2	0.5	19980415	UG/L	490	AT5609-E1		SVGC1PAB01	8082	11141165
AROCLOR 1242	DRAIN	ND	0.2	0.5	19980415	UG/L	490	AT5609-E1		SVGC1PAB01	8082	53469219
AROCLOR 1248	DRAIN	ND	0.2	0.5	19980415	UG/L	490	AT5609-E1		SVGC1PAB01	8082	12672296
AROCLOR 1254	DRAIN	ND	0.09	0.5	19980415	UG/L	490	AT5609-E1		SVGC1PAB01	8082	11097691
AROCLOR 1260	DRAIN	ND	0.1	0.5	19980415	UG/L	490	AT5609-E1		SVGC1PAB01	8082	11096825
BENZENE	DRAIN	ND	0.4	4	19980415	UG/L	490	AT5609-F1		VOMSAAD303	624/8260	71432
BROMODICHLOROMETHANE	DRAIN	ND	0.3	5	19980415	UG/L	490	AT5609-F1		VOMSAAD303	624/8260	75274
BROMOFORM	DRAIN	ND	0.2	5	19980415	UG/L	490	AT5609-F1		VOMSAAD303	624/8260	75252
BROMOMETHANE	DRAIN	ND	1	10	19980415	UG/L	490	AT5609-F1		VOMSAAD303	624/8260	74839
CADMIUM-DISSOLVED	DRAIN	ND	0.7	4.9	19980415	UG/L	490	AT5609-D0		INTJADISCD	200.7/6010	CDD
CADMIUM-TOTAL	DRAIN	ND	0.7	4.9	19980415	UG/L	490	AT5609-B0		INTJATOTCD	200.7/6010	CDT
CARBON TETRACHLORIDE	DRAIN	ND	0.4	5	19980415	UG/L	490	AT5609-F1		VOMSAAD303	624/8260	56235
CHLOROBENZENE	DRAIN	ND	0.4	5	19980415	UG/L	490	AT5609-F1		VOMSAAD303	624/8260	108907
CHLOROETHANE	DRAIN	ND	0.6	10	19980415	UG/L	490	AT5609-F1		VOMSAAD303	624/8260	75003
CHLOROFORM	DRAIN	ND	0.4	5	19980415	UG/L	490	AT5609-F1		VOMSAAD303	624/8260	67663
CHLOROMETHANE	DRAIN	ND	0.4	10	19980415	UG/L	490	AT5609-F1		VOMSAAD303	624/8260	74873
CHROMIUM-DISSOLVED	DRAIN	TR	9.3	10	19980415	UG/L	490	AT5609-D0		INICPDISCR	200.7/6010	CRD

APPENDIX F
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(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
1,1,1-TRICHLOROETHANE	DUP1	ND	0.3	5	19971021	UG/L	490	AS3168-G1	FD	VOMSAAO332	624/8260	71556
1,1,2,2-TETRACHLOROETHANE	DUP1	ND	0.5	5	19971021	UG/L	490	AS3168-G1	FD	VOMSAAO332	624/8260	79345
1,1,2-TRICHLOROETHANE	DUP1	ND	0.3	5	19971021	UG/L	490	AS3168-G1	FD	VOMSAAO332	624/8260	79005
1,1-DICHLOROETHANE	DUP1	ND	0.3	5	19971021	UG/L	490	AS3168-G1	FD	VOMSAAO332	624/8260	75343
1,1-DICHLOROETHENE	DUP1	ND	0.5	5	19971021	UG/L	490	AS3168-G1	FD	VOMSAAO332	624/8260	75354
1,2-DICHLOROBENZENE	DUP1	ND	0.4	10	19971021	UG/L	490	AS3168-G1	FD	VOMSAAO332	624/8260	95501
1,2-DICHLOROETHANE	DUP1	ND	0.3	4	19971021	UG/L	490	AS3168-G1	FD	VOMSAAO332	624/8260	107062
1,2-DICHLOROPROPANE	DUP1	ND	0.5	5	19971021	UG/L	490	AS3168-G1	FD	VOMSAAO332	624/8260	78875
1,3-DICHLOROBENZENE	DUP1	ND	0.3	10	19971021	UG/L	490	AS3168-G1	FD	VOMSAAO332	624/8260	541731
1,4-DICHLOROBENZENE	DUP1	ND	0.5	10	19971021	UG/L	490	AS3168-G1	FD	VOMSAAO332	624/8260	106467
2-BUTANONE	DUP1	ND	8	50	19971021	UG/L	490	AS3168-G1	FD	VOMSAAO332	624/8260	78933
AROCLOR 1016	DUP1	ND	0.07	0.5	19971021	UG/L	490	AS3168-E0	FD	SVGC1PCB01	608/8080	12674112
AROCLOR 1221	DUP1	ND	0.4	0.5	19971021	UG/L	490	AS3168-E0	FD	SVGC1PCB01	608/8080	11104282
AROCLOR 1232	DUP1	ND	0.1	0.5	19971021	UG/L	490	AS3168-E0	FD	SVGC1PCB01	608/8080	11141165
AROCLOR 1242	DUP1	ND	0.06	0.5	19971021	UG/L	490	AS3168-E0	FD	SVGC1PCB01	608/8080	53469219
AROCLOR 1248	DUP1	ND	0.08	0.5	19971021	UG/L	490	AS3168-E0	FD	SVGC1PCB01	608/8080	12672296
AROCLOR 1254	DUP1	ND	0.04	0.5	19971021	UG/L	490	AS3168-E0	FD	SVGC1PCB01	608/8080	11097691
AROCLOR 1260	DUP1	ND	0.03	0.5	19971021	UG/L	490	AS3168-E0	FD	SVGC1PCB01	608/8080	11096825
ARSENIC-DISSOLVED	DUP1	TR	0.7	10	19971021	UG/L	490	AS3168-C0	FD	INGFAADIAS	206.2/7060	ASD
ARSENIC-TOTAL	DUP1	ND	0.7	10	19971021	UG/L	490	AS3168-B0	FD	INGFAATOAS	206.2/7060	AST
BENZENE	DUP1	ND	0.4	4	19971021	UG/L	490	AS3168-G1	FD	VOMSAAO332	624/8260	71432
BROMODICHLOROMETHANE	DUP1	ND	0.3	5	19971021	UG/L	490	AS3168-G1	FD	VOMSAAO332	624/8260	75274
BROMOFORM	DUP1	ND	0.2	5	19971021	UG/L	490	AS3168-G1	FD	VOMSAAO332	624/8260	75252
BROMOMETHANE	DUP1	ND	1	10	19971021	UG/L	490	AS3168-G1	FD	VOMSAAO332	624/8260	74839
CADMIUM-DISSOLVED	DUP1	ND	0.7	4.9	19971021	UG/L	490	AS3168-D0	FD	INTJADISCD	200.7/6010	CDD
CADMIUM-TOTAL	DUP1	ND	0.7	4.9	19971021	UG/L	490	AS3168-B0	FD	INTJATOTCD	200.7/6010	CDT
CARBON TETRACHLORIDE	DUP1	ND	0.4	5	19971021	UG/L	490	AS3168-G1	FD	VOMSAAO332	624/8260	56235
CHLOROBENZENE	DUP1	ND	0.3	5	19971021	UG/L	490	AS3168-G1	FD	VOMSAAO332	624/8260	108907
CHLOROETHANE	DUP1	ND	0.6	10	19971021	UG/L	490	AS3168-G1	FD	VOMSAAO332	624/8260	75003
CHLOROFORM	DUP1	ND	0.4	5	19971021	UG/L	490	AS3168-G1	FD	VOMSAAO332	624/8260	67663
CHLOROMETHANE	DUP1	ND	0.4	10	19971021	UG/L	490	AS3168-G1	FD	VOMSAAO332	624/8260	74873
CHROMIUM-DISSOLVED	DUP1	ND	4	10	19971021	UG/L	490	AS3168-D0	FD	INICPDISCR	200.7/6010	CRD

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(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
SPECIFIC CONDUCTANCE FIELD	DUP1		3270		19971021	UMHOS/CM	490	AS3168-99	FD	FDSPCOND04	FIELD	SP COND-2
SPECIFIC CONDUCTANCE FIELD	DUP1		3260		19971021	UMHOS/CM	490	AS3168-99	FD	FDSPCOND04	FIELD	SP COND-4
SPECIFIC CONDUCTANCE FIELD	DUP1		3270		19971021	UMHOS/CM	490	AS3168-99	FD	FDSPCOND04	FIELD	SP COND-3
WATER TEMP. IN DEG. CELSIUS	DUP1		11.5		19971021	DEGREES C	490	AS3168-99	FD	FDXTEMPC01	FIELD	FTEMP DEGC
WELL DEPTH TOTAL	DUP1		65.3		19971021	FT	490	AS3168-99	FD	FDWGWELWDT	FIELD	WDEPTH TOT
2-CHLOROETHYLVINYL ETHER	DUP1	ND	5	20	19980415	UG/L	490	AT5615-F1	FD	VOMSAAD303	624/8260	110758
1,1,1-TRICHLOROETHANE	DUP1	ND	0.3	5	19980415	UG/L	490	AT5615-F1	FD	VOMSAAD303	624/8260	71556
1,1,2,2-TETRACHLOROETHANE	DUP1	ND	0.5	5	19980415	UG/L	490	AT5615-F1	FD	VOMSAAD303	624/8260	79345
1,1,2-TRICHLOROETHANE	DUP1	ND	0.3	5	19980415	UG/L	490	AT5615-F1	FD	VOMSAAD303	624/8260	79005
1,1-DICHLOROETHANE	DUP1	ND	0.3	5	19980415	UG/L	490	AT5615-F1	FD	VOMSAAD303	624/8260	75343
1,1-DICHLOROETHENE	DUP1	ND	0.5	5	19980415	UG/L	490	AT5615-F1	FD	VOMSAAD303	624/8260	75354
1,2-DICHLOROBENZENE	DUP1	ND	0.4	10	19980415	UG/L	490	AT5615-F1	FD	VOMSAAD303	624/8260	95501
1,2-DICHLOROETHANE	DUP1	ND	0.3	4	19980415	UG/L	490	AT5615-F1	FD	VOMSAAD303	624/8260	107062
1,2-DICHLOROPROPANE	DUP1	ND	0.6	5	19980415	UG/L	490	AT5615-F1	FD	VOMSAAD303	624/8260	78875
1,3-DICHLOROBENZENE	DUP1	ND	0.3	10	19980415	UG/L	490	AT5615-F1	FD	VOMSAAD303	624/8260	541731
1,4-DICHLOROBENZENE	DUP1	ND	0.5	10	19980415	UG/L	490	AT5615-F1	FD	VOMSAAD303	624/8260	106467
2-BUTANONE	DUP1	ND	9	50	19980415	UG/L	490	AT5615-F1	FD	VOMSAAD303	624/8260	78933
AROCLOR 1016	DUP1	ND	0.1	0.5	19980415	UG/L	490	AT5615-E0	FD	SVGC1PAB01	8082	12674112
AROCLOR 1221	DUP1	ND	0.4	0.5	19980415	UG/L	490	AT5615-E0	FD	SVGC1PAB01	8082	11104282
AROCLOR 1232	DUP1	ND	0.2	0.5	19980415	UG/L	490	AT5615-E0	FD	SVGC1PAB01	8082	11141165
AROCLOR 1242	DUP1	ND	0.2	0.5	19980415	UG/L	490	AT5615-E0	FD	SVGC1PAB01	8082	53469219
AROCLOR 1248	DUP1	ND	0.2	0.5	19980415	UG/L	490	AT5615-E0	FD	SVGC1PAB01	8082	12672296
AROCLOR 1254	DUP1	ND	0.09	0.5	19980415	UG/L	490	AT5615-E0	FD	SVGC1PAB01	8082	11097691
AROCLOR 1260	DUP1	ND	0.1	0.5	19980415	UG/L	490	AT5615-E0	FD	SVGC1PAB01	8082	11096825
ARSENIC-DISSOLVED	DUP1	ND	0.7	10	19980415	UG/L	490	AT5615-C0	FD	INGFAADIAS	206.2/7060	ASD
ARSENIC-TOTAL	DUP1	ND	0.7	10	19980415	UG/L	490	AT5615-B0	FD	INGFAATOAS	206.2/7060	AST
BENZENE	DUP1	ND	0.4	4	19980415	UG/L	490	AT5615-F1	FD	VOMSAAD303	624/8260	71432
BROMODICHLOROMETHANE	DUP1	ND	0.3	5	19980415	UG/L	490	AT5615-F1	FD	VOMSAAD303	624/8260	75274
BROMOFORM	DUP1	ND	0.2	5	19980415	UG/L	490	AT5615-F1	FD	VOMSAAD303	624/8260	75252
BROMOMETHANE	DUP1	ND	1	10	19980415	UG/L	490	AT5615-F1	FD	VOMSAAD303	624/8260	74839
CADMIUM-DISSOLVED	DUP1	ND	0.7	4.9	19980415	UG/L	490	AT5615-D0	FD	INTJADISCD	200.7/6010	CDD
CADMIUM-TOTAL	DUP1	ND	0.7	4.9	19980415	UG/L	490	AT5615-B0	FD	INTJATOTCD	200.7/6010	CDT

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
PH FIELD	DUP1		7.05		19980415	PH UNITS	490	AT5615-99	FD	FDPHQUAD01	FIELD	FIELD PH-1
PH FIELD	DUP1		7.05		19980415	PH UNITS	490	AT5615-99	FD	FDPHQUAD01	FIELD	FIELD PH-3
PH FIELD	DUP1		7.05		19980415	PH UNITS	490	AT5615-99	FD	FDPHQUAD01	FIELD	FIELD PH-4
PH FIELD	DUP1		7.05		19980415	PH UNITS	490	AT5615-99	FD	FDPHQUAD01	FIELD	FIELD PH-2
PURGE DATE (YY/MM/DD)	DUP1		98-04-15		19980415	YY/MM/DD	490	AT5615-99	FD	FDWPURINFO	FIELD	PURGE DATE
SPECIFIC CONDUCTANCE FIELD	DUP1		2950		19980415	UMHOS/CM	490	AT5615-99	FD	FDSPCOND04	FIELD	SP COND-1
SPECIFIC CONDUCTANCE FIELD	DUP1		3020		19980415	UMHOS/CM	490	AT5615-99	FD	FDSPCOND04	FIELD	SP COND-4
SPECIFIC CONDUCTANCE FIELD	DUP1		3020		19980415	UMHOS/CM	490	AT5615-99	FD	FDSPCOND04	FIELD	SP COND-2
SPECIFIC CONDUCTANCE FIELD	DUP1		3030		19980415	UMHOS/CM	490	AT5615-99	FD	FDSPCOND04	FIELD	SP COND-3
WATER TEMP. IN DEG. CELSIUS	DUP1		12.1		19980415	DEGREES C	490	AT5615-99	FD	FDXTEMPC01	FIELD	FTEMP DEGC
WELL DEPTH TOTAL	DUP1		67.72		19980415	FT	490	AT5615-99	FD	FDWGWELWDT	FIELD	WDEPTH TOT
2-CHLOROETHYLVINYL ETHER	MW14R	ND	4	20	19971021	UG/L	490	AS3169-G1		VOMSAAO332	624/8260	110758
ARSENIC-DISSOLVED	MW14R	ND	3.5	14	19971021	UG/L	490	AS3169-C0		INGFAADIAS	206.2/7060	ASD
ARSENIC-TOTAL	MW14R	ND	3.5	14	19971021	UG/L	490	AS3169-B0		INGFAATOAS	206.2/7060	AST
1,1,1-TRICHLOROETHANE	MW14R	ND	0.3	5	19971021	UG/L	490	AS3169-G1		VOMSAAO332	624/8260	71556
1,1,2,2-TETRACHLOROETHANE	MW14R	ND	0.5	5	19971021	UG/L	490	AS3169-G1		VOMSAAO332	624/8260	79345
1,1,2-TRICHLOROETHANE	MW14R	ND	0.3	5	19971021	UG/L	490	AS3169-G1		VOMSAAO332	624/8260	79005
1,1-DICHLOROETHANE	MW14R	ND	0.3	5	19971021	UG/L	490	AS3169-G1		VOMSAAO332	624/8260	75343
1,1-DICHLOROETHENE	MW14R	ND	0.5	5	19971021	UG/L	490	AS3169-G1		VOMSAAO332	624/8260	75354
1,2-DICHLOROBENZENE	MW14R	ND	0.4	10	19971021	UG/L	490	AS3169-G1		VOMSAAO332	624/8260	95501
1,2-DICHLOROETHANE	MW14R	ND	0.3	4	19971021	UG/L	490	AS3169-G1		VOMSAAO332	624/8260	107062
1,2-DICHLOROPROPANE	MW14R	ND	0.5	5	19971021	UG/L	490	AS3169-G1		VOMSAAO332	624/8260	78875
1,3-DICHLOROBENZENE	MW14R	ND	0.3	10	19971021	UG/L	490	AS3169-G1		VOMSAAO332	624/8260	541731
1,4-DICHLOROBENZENE	MW14R	ND	0.5	10	19971021	UG/L	490	AS3169-G1		VOMSAAO332	624/8260	106467
2-BUTANONE	MW14R	ND	8	50	19971021	UG/L	490	AS3169-G1		VOMSAAO332	624/8260	78933
AROCLOR 1016	MW14R	ND	0.07	0.5	19971021	UG/L	490	AS3169-E1		SVGC1PCB01	608/8080	12674112
AROCLOR 1221	MW14R	ND	0.4	0.5	19971021	UG/L	490	AS3169-E1		SVGC1PCB01	608/8080	11104282
AROCLOR 1232	MW14R	ND	0.1	0.5	19971021	UG/L	490	AS3169-E1		SVGC1PCB01	608/8080	11141165
AROCLOR 1242	MW14R	ND	0.06	0.5	19971021	UG/L	490	AS3169-E1		SVGC1PCB01	608/8080	53469219
AROCLOR 1248	MW14R	ND	0.08	0.5	19971021	UG/L	490	AS3169-E1		SVGC1PCB01	608/8080	12672296
AROCLOR 1254	MW14R	ND	0.04	0.5	19971021	UG/L	490	AS3169-E1		SVGC1PCB01	608/8080	11097691
AROCLOR 1260	MW14R	ND	0.03	0.5	19971021	UG/L	490	AS3169-E1		SVGC1PCB01	608/8080	11096825

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
ZINC-DISSOLVED	MW14R	ND	10	20	19971021	UG/L	490	AS3169-D0		INICPDISZN	200.7/6010	ZND
ZINC-TOTAL	MW14R	ND	10	20	19971021	UG/L	490	AS3169-B0		INICPTOTZN	200.7/6010	ZNT
ACTUAL VOLUME PURGED	MW14R		20		19971021	GALLONS	490	AS3169-99		FDWPURINFO	FIELD	VOL PURGD
DEPTH TO WATER (TOC)	MW14R		23.35		19971021	FT	490	AS3169-99		FDWDTWTC01	FIELD	DTW-TC
ELAPSED HOURS	MW14R		0.7		19971021	HRS	490	AS3169-99		FDWPURINFO	FIELD	ELAPSE HRS
GROUNDWATER ELEV.	MW14R		584.29		19971021	FT MSL	490	AS3169-99		FDWGWELWDT	FIELD	GW ELEV.
PH FIELD	MW14R		7.05		19971021	PH UNITS	490	AS3169-99		FDPHQUAD01	FIELD	FIELD PH-1
PH FIELD	MW14R		7.12		19971021	PH UNITS	490	AS3169-99		FDPHQUAD01	FIELD	FIELD PH-4
PH FIELD	MW14R		7.11		19971021	PH UNITS	490	AS3169-99		FDPHQUAD01	FIELD	FIELD PH-3
PH FIELD	MW14R		7.08		19971021	PH UNITS	490	AS3169-99		FDPHQUAD01	FIELD	FIELD PH-2
PURGE DATE (YY/MM/DD)	MW14R		97-10-21		19971021	YY/MM/DD	490	AS3169-99		FDWPURINFO	FIELD	PURGE DATE
SPECIFIC CONDUCTANCE FIELD	MW14R		2890		19971021	UMHOS/CM	490	AS3169-99		FDSPCOND04	FIELD	SP COND-1
SPECIFIC CONDUCTANCE FIELD	MW14R		2890		19971021	UMHOS/CM	490	AS3169-99		FDSPCOND04	FIELD	SP COND-2
SPECIFIC CONDUCTANCE FIELD	MW14R		2900		19971021	UMHOS/CM	490	AS3169-99		FDSPCOND04	FIELD	SP COND-4
SPECIFIC CONDUCTANCE FIELD	MW14R		2890		19971021	UMHOS/CM	490	AS3169-99		FDSPCOND04	FIELD	SP COND-3
WATER TEMP. IN DEG. CELSIUS	MW14R		11.4		19971021	DEGREES C	490	AS3169-99		FDXTEMPC01	FIELD	FTEMP DEGC
WELL DEPTH TOTAL	MW14R		63.86		19971021	FT	490	AS3169-99		FDWGWELWDT	FIELD	WDEPTH TOT
2-CHLOROETHYLVINYL ETHER	MW14R	ND	5	20	19980415	UG/L	490	AT5612-F1		VOMSAAD303	624/8260	110758
ARSENIC-DISSOLVED	MW14R	ND	0.7	10	19980415	UG/L	490	AT5612-C0		INGFAADIAS	206.2/7060	ASD
LEAD-DISSOLVED	MW14R	ND	0.9	5	19980415	UG/L	490	AT5612-C0		INGFAADIPB	239.2/7421	PBD
1,1,1-TRICHLOROETHANE	MW14R	ND	0.3	5	19980415	UG/L	490	AT5612-F1		VOMSAAD303	624/8260	71556
1,1,2,2-TETRACHLOROETHANE	MW14R	ND	0.5	5	19980415	UG/L	490	AT5612-F1		VOMSAAD303	624/8260	79345
1,1,2-TRICHLOROETHANE	MW14R	ND	0.3	5	19980415	UG/L	490	AT5612-F1		VOMSAAD303	624/8260	79005
1,1-DICHLOROETHANE	MW14R	ND	0.3	5	19980415	UG/L	490	AT5612-F1		VOMSAAD303	624/8260	75343
1,1-DICHLOROETHENE	MW14R	ND	0.5	5	19980415	UG/L	490	AT5612-F1		VOMSAAD303	624/8260	75354
1,2-DICHLOROBENZENE	MW14R	ND	0.4	10	19980415	UG/L	490	AT5612-F1		VOMSAAD303	624/8260	95501
1,2-DICHLOROETHANE	MW14R	ND	0.3	4	19980415	UG/L	490	AT5612-F1		VOMSAAD303	624/8260	107062
1,2-DICHLOROPROPANE	MW14R	ND	0.6	5	19980415	UG/L	490	AT5612-F1		VOMSAAD303	624/8260	78875
1,3-DICHLOROBENZENE	MW14R	ND	0.3	10	19980415	UG/L	490	AT5612-F1		VOMSAAD303	624/8260	541731
1,4-DICHLOROBENZENE	MW14R	ND	0.5	10	19980415	UG/L	490	AT5612-F1		VOMSAAD303	624/8260	106467
2-BUTANONE	MW14R	ND	9	50	19980415	UG/L	490	AT5612-F1		VOMSAAD303	624/8260	78933
AROCLOR 1016	MW14R	ND	0.1	0.5	19980415	UG/L	490	AT5612-E0		SVGC1PAB01	8082	12674112

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
TOLUENE	MW14R	ND	0.7	5	19980415	UG/L	490	AT5612-F1		VOMSAAD303	624/8260	108883
TRANS-1,2-DICHLOROETHENE	MW14R	ND	0.3	10	19980415	UG/L	490	AT5612-F1		VOMSAAD303	624/8260	156605
TRANS-1,3-DICHLOROPROPENE	MW14R	ND	0.3	5	19980415	UG/L	490	AT5612-F1		VOMSAAD303	624/8260	10061026
TRICHLOROETHENE	MW14R	ND	0.4	4	19980415	UG/L	490	AT5612-F1		VOMSAAD303	624/8260	79016
TRICHLOROFLUOROMETHANE	MW14R	ND	0.8	10	19980415	UG/L	490	AT5612-F1		VOMSAAD303	624/8260	75694
VINYL CHLORIDE	MW14R	ND	0.5	2	19980415	UG/L	490	AT5612-F1		VOMSAAD303	624/8260	75014
ZINC-DISSOLVED	MW14R	ND	10	20	19980415	UG/L	490	AT5612-D0		INICPDISZN	200.7/6010	ZND
ZINC-TOTAL	MW14R	ND	10	20	19980415	UG/L	490	AT5612-B0		INICPTOTZN	200.7/6010	ZNT
ACTUAL VOLUME PURGED	MW14R		20.5		19980415	GALLONS	490	AT5612-99		FDWPURINFO	FIELD	VOL PURGD
DEPTH TO WATER (TOC)	MW14R		22.63		19980415	FT	490	AT5612-99		FDWDTWTC01	FIELD	DTW-TC
ELAPSED HOURS	MW14R		0.5		19980415	HRS	490	AT5612-99		FDWPURINFO	FIELD	ELAPSE HRS
GROUNDWATER ELEV.	MW14R		585.01		19980415	FT MSL	490	AT5612-99		FDWGWELWDT	FIELD	GW ELEV.
PH FIELD	MW14R		7.17		19980415	PH UNITS	490	AT5612-99		FDPHQUAD01	FIELD	FIELD PH-1
PH FIELD	MW14R		7.18		19980415	PH UNITS	490	AT5612-99		FDPHQUAD01	FIELD	FIELD PH-2
PH FIELD	MW14R		7.19		19980415	PH UNITS	490	AT5612-99		FDPHQUAD01	FIELD	FIELD PH-3
PH FIELD	MW14R		7.2		19980415	PH UNITS	490	AT5612-99		FDPHQUAD01	FIELD	FIELD PH-4
PURGE DATE (YY/MM/DD)	MW14R		98-04-15		19980415	YY/MM/DD	490	AT5612-99		FDWPURINFO	FIELD	PURGE DATE
SPECIFIC CONDUCTANCE FIELD	MW14R		3190		19980415	UMHOS/CM	490	AT5612-99		FDSPCOND04	FIELD	SP COND-1
SPECIFIC CONDUCTANCE FIELD	MW14R		3190		19980415	UMHOS/CM	490	AT5612-99		FDSPCOND04	FIELD	SP COND-2
SPECIFIC CONDUCTANCE FIELD	MW14R		3180		19980415	UMHOS/CM	490	AT5612-99		FDSPCOND04	FIELD	SP COND-3
SPECIFIC CONDUCTANCE FIELD	MW14R		3190		19980415	UMHOS/CM	490	AT5612-99		FDSPCOND04	FIELD	SP COND-4
WATER TEMP. IN DEG. CELSIUS	MW14R		11.4		19980415	DEGREES C	490	AT5612-99		FDXTEMPC01	FIELD	FTEMP DEGC
WELL DEPTH TOTAL	MW14R		63.86		19980415	FT	490	AT5612-99		FDWGWELWDT	FIELD	WDEPTH TOT
2-CHLOROETHYLVINYL ETHER	MW15R	ND	4	20	19971021	UG/L	490	AS3167-I0	TB	VOMSAAO332	624/8260	110758
2-CHLOROETHYLVINYL ETHER	MW15R	ND	4	20	19971021	UG/L	490	AS3167-G1		VOMSAAO332	624/8260	110758
1,1,1-TRICHLOROETHANE	MW15R	ND	0.3	5	19971021	UG/L	490	AS3167-I0	TB	VOMSAAO332	624/8260	71556
1,1,2,2-TETRACHLOROETHANE	MW15R	ND	0.5	5	19971021	UG/L	490	AS3167-I0	TB	VOMSAAO332	624/8260	79345
1,1,2-TRICHLOROETHANE	MW15R	ND	0.3	5	19971021	UG/L	490	AS3167-I0	TB	VOMSAAO332	624/8260	79005
1,1-DICHLOROETHANE	MW15R	ND	0.3	5	19971021	UG/L	490	AS3167-I0	TB	VOMSAAO332	624/8260	75343
1,1-DICHLOROETHENE	MW15R	ND	0.5	5	19971021	UG/L	490	AS3167-I0	TB	VOMSAAO332	624/8260	75354
1,2-DICHLOROBENZENE	MW15R	ND	0.4	10	19971021	UG/L	490	AS3167-I0	TB	VOMSAAO332	624/8260	95501
1,2-DICHLOROETHANE	MW15R	ND	0.3	4	19971021	UG/L	490	AS3167-I0	TB	VOMSAAO332	624/8260	107062

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
WASTE MANAGEMENT OF OHIO-VICKERY
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
1,2-DICHLOROETHANE	MW15R	ND	0.3	4	19971021	UG/L	490	AS3167-G1		VOMSAAO332	624/8260	107062
1,2-DICHLOROPROPANE	MW15R	ND	0.5	5	19971021	UG/L	490	AS3167-G1		VOMSAAO332	624/8260	78875
1,3-DICHLOROBENZENE	MW15R	ND	0.3	10	19971021	UG/L	490	AS3167-G1		VOMSAAO332	624/8260	541731
1,4-DICHLOROBENZENE	MW15R	ND	0.5	10	19971021	UG/L	490	AS3167-G1		VOMSAAO332	624/8260	106467
2-BUTANONE	MW15R	ND	8	50	19971021	UG/L	490	AS3167-G1		VOMSAAO332	624/8260	78933
AROCLOR 1016	MW15R	ND	0.07	0.5	19971021	UG/L	490	AS3167-E0		SVGC1PCB01	608/8080	12674112
AROCLOR 1221	MW15R	ND	0.4	0.5	19971021	UG/L	490	AS3167-E0		SVGC1PCB01	608/8080	11104282
AROCLOR 1232	MW15R	ND	0.1	0.5	19971021	UG/L	490	AS3167-E0		SVGC1PCB01	608/8080	11141165
AROCLOR 1242	MW15R	ND	0.06	0.5	19971021	UG/L	490	AS3167-E0		SVGC1PCB01	608/8080	53469219
AROCLOR 1248	MW15R	ND	0.08	0.5	19971021	UG/L	490	AS3167-E0		SVGC1PCB01	608/8080	12672296
AROCLOR 1254	MW15R	ND	0.04	0.5	19971021	UG/L	490	AS3167-E0		SVGC1PCB01	608/8080	11097691
AROCLOR 1260	MW15R	ND	0.03	0.5	19971021	UG/L	490	AS3167-E0		SVGC1PCB01	608/8080	11096825
ARSENIC-DISSOLVED	MW15R	ND	0.7	10	19971021	UG/L	490	AS3167-C0		INGFAADIAS	206.2/7060	ASD
ARSENIC-TOTAL	MW15R	ND	0.7	10	19971021	UG/L	490	AS3167-B0		INGFAATOAS	206.2/7060	AST
BENZENE	MW15R	ND	0.4	4	19971021	UG/L	490	AS3167-G1		VOMSAAO332	624/8260	71432
BROMODICHLOROMETHANE	MW15R	ND	0.3	5	19971021	UG/L	490	AS3167-G1		VOMSAAO332	624/8260	75274
BROMOFORM	MW15R	ND	0.2	5	19971021	UG/L	490	AS3167-G1		VOMSAAO332	624/8260	75252
BROMOMETHANE	MW15R	ND	1	10	19971021	UG/L	490	AS3167-G1		VOMSAAO332	624/8260	74839
CADMIUM-DISSOLVED	MW15R	ND	0.7	4.9	19971021	UG/L	490	AS3167-D0		INTJADISCD	200.7/6010	CDD
CADMIUM-TOTAL	MW15R	ND	0.7	4.9	19971021	UG/L	490	AS3167-B0		INTJATOTCD	200.7/6010	CDT
CARBON TETRACHLORIDE	MW15R	ND	0.4	5	19971021	UG/L	490	AS3167-G1		VOMSAAO332	624/8260	56235
CHLOROBENZENE	MW15R	ND	0.3	5	19971021	UG/L	490	AS3167-G1		VOMSAAO332	624/8260	108907
CHLOROETHANE	MW15R	ND	0.6	10	19971021	UG/L	490	AS3167-G1		VOMSAAO332	624/8260	75003
CHLOROFORM	MW15R	ND	0.4	5	19971021	UG/L	490	AS3167-G1		VOMSAAO332	624/8260	67663
CHLOROMETHANE	MW15R	ND	0.4	10	19971021	UG/L	490	AS3167-G1		VOMSAAO332	624/8260	74873
CHROMIUM-DISSOLVED	MW15R	ND	4	10	19971021	UG/L	490	AS3167-D0		INICPDISCR	200.7/6010	CRD
CHROMIUM-TOTAL	MW15R	TR	4.5	10	19971021	UG/L	490	AS3167-B0		INICPTOTCR	200.7/6010	CRT
CIS-1,2-DICHLOROETHENE	MW15R	ND	0.4	10	19971021	UG/L	490	AS3167-G1		VOMSAAO332	624/8260	156592
CIS-1,3-DICHLOROPROPENE	MW15R	ND	0.4	5	19971021	UG/L	490	AS3167-G1		VOMSAAO332	624/8260	10061015
DIBROMOCHLOROMETHANE	MW15R	ND	0.3	5	19971021	UG/L	490	AS3167-G1		VOMSAAO332	624/8260	124481
DICHLORODIFLUOROMETHANE	MW15R	ND	0.6	10	19971021	UG/L	490	AS3167-G1		VOMSAAO332	624/8260	75718
ETHANOL	MW15R	ND	8	100	19971021	UG/L	490	AS3167-H1		VOMSDAX114	603	64175

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
ARSENIC-TOTAL	MW15R	ND	3.5	14	19980415	UG/L	490	AT5619-B0		INGFAATOAS	206.2/7060	AST
1,1,1-TRICHLOROETHANE	MW15R	ND	0.3	5	19980415	UG/L	490	AT5619-F1		VOMSAAD303	624/8260	71556
1,1,2,2-TETRACHLOROETHANE	MW15R	ND	0.5	5	19980415	UG/L	490	AT5619-F1		VOMSAAD303	624/8260	79345
1,1,2-TRICHLOROETHANE	MW15R	ND	0.3	5	19980415	UG/L	490	AT5619-F1		VOMSAAD303	624/8260	79005
1,1-DICHLOROETHANE	MW15R	ND	0.3	5	19980415	UG/L	490	AT5619-F1		VOMSAAD303	624/8260	75343
1,1-DICHLOROETHENE	MW15R	ND	0.5	5	19980415	UG/L	490	AT5619-F1		VOMSAAD303	624/8260	75354
1,2-DICHLOROBENZENE	MW15R	ND	0.4	10	19980415	UG/L	490	AT5619-F1		VOMSAAD303	624/8260	95501
1,2-DICHLOROETHANE	MW15R	ND	0.3	4	19980415	UG/L	490	AT5619-F1		VOMSAAD303	624/8260	107062
1,2-DICHLOROPROPANE	MW15R	ND	0.6	5	19980415	UG/L	490	AT5619-F1		VOMSAAD303	624/8260	78875
1,3-DICHLOROBENZENE	MW15R	ND	0.3	10	19980415	UG/L	490	AT5619-F1		VOMSAAD303	624/8260	541731
1,4-DICHLOROBENZENE	MW15R	ND	0.5	10	19980415	UG/L	490	AT5619-F1		VOMSAAD303	624/8260	106467
2-BUTANONE	MW15R	ND	9	50	19980415	UG/L	490	AT5619-F1		VOMSAAD303	624/8260	78933
AROCLOR 1016	MW15R	ND	0.1	0.5	19980415	UG/L	490	AT5619-E0		SVGC1PAB01	8082	12674112
AROCLOR 1221	MW15R	ND	0.4	0.5	19980415	UG/L	490	AT5619-E0		SVGC1PAB01	8082	11104282
AROCLOR 1232	MW15R	ND	0.2	0.5	19980415	UG/L	490	AT5619-E0		SVGC1PAB01	8082	11141165
AROCLOR 1242	MW15R	ND	0.2	0.5	19980415	UG/L	490	AT5619-E0		SVGC1PAB01	8082	53469219
AROCLOR 1248	MW15R	ND	0.2	0.5	19980415	UG/L	490	AT5619-E0		SVGC1PAB01	8082	12672296
AROCLOR 1254	MW15R	ND	0.09	0.5	19980415	UG/L	490	AT5619-E0		SVGC1PAB01	8082	11097691
AROCLOR 1260	MW15R	ND	0.1	0.5	19980415	UG/L	490	AT5619-E0		SVGC1PAB01	8082	11096825
ARSENIC-DISSOLVED	MW15R	ND	0.7	10	19980415	UG/L	490	AT5619-C0		INGFAADIAS	206.2/7060	ASD
BENZENE	MW15R	ND	0.4	4	19980415	UG/L	490	AT5619-F1		VOMSAAD303	624/8260	71432
BROMODICHLOROMETHANE	MW15R	ND	0.3	5	19980415	UG/L	490	AT5619-F1		VOMSAAD303	624/8260	75274
BROMOFORM	MW15R	ND	0.2	5	19980415	UG/L	490	AT5619-F1		VOMSAAD303	624/8260	75252
BROMOMETHANE	MW15R	ND	1	10	19980415	UG/L	490	AT5619-F1		VOMSAAD303	624/8260	74839
CADMIUM-DISSOLVED	MW15R	ND	0.7	4.9	19980415	UG/L	490	AT5619-D0		INTJADISCD	200.7/6010	CDD
CADMIUM-TOTAL	MW15R	ND	0.7	4.9	19980415	UG/L	490	AT5619-B0		INTJATOTCD	200.7/6010	CDT
CARBON TETRACHLORIDE	MW15R	ND	0.4	5	19980415	UG/L	490	AT5619-F1		VOMSAAD303	624/8260	56235
CHLOROBENZENE	MW15R	ND	0.4	5	19980415	UG/L	490	AT5619-F1		VOMSAAD303	624/8260	108907
CHLOROETHANE	MW15R	ND	0.6	10	19980415	UG/L	490	AT5619-F1		VOMSAAD303	624/8260	75003
CHLOROFORM	MW15R	ND	0.4	5	19980415	UG/L	490	AT5619-F1		VOMSAAD303	624/8260	67663
CHLOROMETHANE	MW15R	ND	0.4	10	19980415	UG/L	490	AT5619-F1		VOMSAAD303	624/8260	74873
CHROMIUM-DISSOLVED	MW15R	ND	4	10	19980415	UG/L	490	AT5619-D0		INICPDISCR	200.7/6010	CRD

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
SPECIFIC CONDUCTANCE FIELD	MW15R		3450		19980415	UMHOS/CM	490	AT5619-99		FDSPCOND04	FIELD	SP COND-2
SPECIFIC CONDUCTANCE FIELD	MW15R		3480		19980415	UMHOS/CM	490	AT5619-99		FDSPCOND04	FIELD	SP COND-4
SPECIFIC CONDUCTANCE FIELD	MW15R		3470		19980415	UMHOS/CM	490	AT5619-99		FDSPCOND04	FIELD	SP COND-3
WATER TEMP. IN DEG. CELSIUS	MW15R		11.6		19980415	DEGREES C	490	AT5619-99		FDXTEMPC01	FIELD	FTEMP DEGC
WELL DEPTH TOTAL	MW15R		65.3		19980415	FT	490	AT5619-99		FDWGWELWDT	FIELD	WDEPTH TOT
2-CHLOROETHYLVINYL ETHER	MW16R	ND	4	20	19971021	UG/L	490	AS3166-G1		VOMSAAO332	624/8260	110758
ARSENIC-DISSOLVED	MW16R	TR	0.7	10	19971021	UG/L	490	AS3166-C0		INGFAADIAS	206.2/7060	ASD
LEAD-DISSOLVED	MW16R	ND	0.9	5	19971021	UG/L	490	AS3166-C0		INGFAADIPB	239.2/7421	PBD
1,1,1-TRICHLOROETHANE	MW16R	ND	0.3	5	19971021	UG/L	490	AS3166-G1		VOMSAAO332	624/8260	71556
1,1,2,2-TETRACHLOROETHANE	MW16R	ND	0.5	5	19971021	UG/L	490	AS3166-G1		VOMSAAO332	624/8260	79345
1,1,2-TRICHLOROETHANE	MW16R	ND	0.3	5	19971021	UG/L	490	AS3166-G1		VOMSAAO332	624/8260	79005
1,1-DICHLOROETHANE	MW16R	ND	0.3	5	19971021	UG/L	490	AS3166-G1		VOMSAAO332	624/8260	75343
1,1-DICHLOROETHENE	MW16R	ND	0.5	5	19971021	UG/L	490	AS3166-G1		VOMSAAO332	624/8260	75354
1,2-DICHLOROBENZENE	MW16R	ND	0.4	10	19971021	UG/L	490	AS3166-G1		VOMSAAO332	624/8260	95501
1,2-DICHLOROETHANE	MW16R	ND	0.3	4	19971021	UG/L	490	AS3166-G1		VOMSAAO332	624/8260	107062
1,2-DICHLOROPROPANE	MW16R	ND	0.5	5	19971021	UG/L	490	AS3166-G1		VOMSAAO332	624/8260	78875
1,3-DICHLOROBENZENE	MW16R	ND	0.3	10	19971021	UG/L	490	AS3166-G1		VOMSAAO332	624/8260	541731
1,4-DICHLOROBENZENE	MW16R	ND	0.5	10	19971021	UG/L	490	AS3166-G1		VOMSAAO332	624/8260	106467
2-BUTANONE	MW16R	ND	8	50	19971021	UG/L	490	AS3166-G1		VOMSAAO332	624/8260	78933
AROCLOR 1016	MW16R	ND	0.07	0.5	19971021	UG/L	490	AS3166-E0		SVGC1PCB01	608/8080	12674112
AROCLOR 1221	MW16R	ND	0.4	0.5	19971021	UG/L	490	AS3166-E0		SVGC1PCB01	608/8080	11104282
AROCLOR 1232	MW16R	ND	0.1	0.5	19971021	UG/L	490	AS3166-E0		SVGC1PCB01	608/8080	11141165
AROCLOR 1242	MW16R	ND	0.06	0.5	19971021	UG/L	490	AS3166-E0		SVGC1PCB01	608/8080	53469219
AROCLOR 1248	MW16R	ND	0.08	0.5	19971021	UG/L	490	AS3166-E0		SVGC1PCB01	608/8080	12672296
AROCLOR 1254	MW16R	ND	0.04	0.5	19971021	UG/L	490	AS3166-E0		SVGC1PCB01	608/8080	11097691
AROCLOR 1260	MW16R	ND	0.03	0.5	19971021	UG/L	490	AS3166-E0		SVGC1PCB01	608/8080	11096825
ARSENIC-TOTAL	MW16R	ND	0.7	10	19971021	UG/L	490	AS3166-B0		INGFAATOAS	206.2/7060	AST
BENZENE	MW16R	ND	0.4	4	19971021	UG/L	490	AS3166-G1		VOMSAAO332	624/8260	71432
BROMODICHLOROMETHANE	MW16R	ND	0.3	5	19971021	UG/L	490	AS3166-G1		VOMSAAO332	624/8260	75274
BROMOFORM	MW16R	ND	0.2	5	19971021	UG/L	490	AS3166-G1		VOMSAAO332	624/8260	75252
BROMOMETHANE	MW16R	ND	1	10	19971021	UG/L	490	AS3166-G1		VOMSAAO332	624/8260	74839
CADMIUM-DISSOLVED	MW16R	ND	0.7	4.9	19971021	UG/L	490	AS3166-D0		INTJADISCD	200.7/6010	CDD

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
PH FIELD	MW16R		6.82		19971021	PH UNITS	490	AS3166-99		FDPHQUAD01	FIELD	FIELD PH-1
PH FIELD	MW16R		6.84		19971021	PH UNITS	490	AS3166-99		FDPHQUAD01	FIELD	FIELD PH-2
PH FIELD	MW16R		6.86		19971021	PH UNITS	490	AS3166-99		FDPHQUAD01	FIELD	FIELD PH-3
PH FIELD	MW16R		6.86		19971021	PH UNITS	490	AS3166-99		FDPHQUAD01	FIELD	FIELD PH-4
PURGE DATE (YY/MM/DD)	MW16R		97-10-21		19971021	YY/MM/DD	490	AS3166-99		FDWPURINFO	FIELD	PURGE DATE
SPECIFIC CONDUCTANCE FIELD	MW16R		3400		19971021	UMHOS/CM	490	AS3166-99		FDSPCOND04	FIELD	SP COND-1
SPECIFIC CONDUCTANCE FIELD	MW16R		3410		19971021	UMHOS/CM	490	AS3166-99		FDSPCOND04	FIELD	SP COND-4
SPECIFIC CONDUCTANCE FIELD	MW16R		3410		19971021	UMHOS/CM	490	AS3166-99		FDSPCOND04	FIELD	SP COND-3
SPECIFIC CONDUCTANCE FIELD	MW16R		3400		19971021	UMHOS/CM	490	AS3166-99		FDSPCOND04	FIELD	SP COND-2
WATER TEMP. IN DEG. CELSIUS	MW16R		11.5		19971021	DEGREES C	490	AS3166-99		FDXTEMPC01	FIELD	FTEMP DEGC
WELL DEPTH TOTAL	MW16R		67.82		19971021	FT	490	AS3166-99		FDWGWELWDT	FIELD	WDEPTH TOT
2-CHLOROETHYLVINYL ETHER	MW16R	ND	5	20	19980415	UG/L	490	AT5620-F1		VOMSAAD303	624/8260	110758
ARSENIC-TOTAL	MW16R	ND	3.5	14	19980415	UG/L	490	AT5620-B0		INGFAATOAS	206.2/7060	AST
1,1,1-TRICHLOROETHANE	MW16R	ND	0.3	5	19980415	UG/L	490	AT5620-F1		VOMSAAD303	624/8260	71556
1,1,2,2-TETRACHLOROETHANE	MW16R	ND	0.5	5	19980415	UG/L	490	AT5620-F1		VOMSAAD303	624/8260	79345
1,1,2-TRICHLOROETHANE	MW16R	ND	0.3	5	19980415	UG/L	490	AT5620-F1		VOMSAAD303	624/8260	79005
1,1-DICHLOROETHANE	MW16R	ND	0.3	5	19980415	UG/L	490	AT5620-F1		VOMSAAD303	624/8260	75343
1,1-DICHLOROETHENE	MW16R	ND	0.5	5	19980415	UG/L	490	AT5620-F1		VOMSAAD303	624/8260	75354
1,2-DICHLOROBENZENE	MW16R	ND	0.4	10	19980415	UG/L	490	AT5620-F1		VOMSAAD303	624/8260	95501
1,2-DICHLOROETHANE	MW16R	ND	0.3	4	19980415	UG/L	490	AT5620-F1		VOMSAAD303	624/8260	107062
1,2-DICHLOROPROPANE	MW16R	ND	0.6	5	19980415	UG/L	490	AT5620-F1		VOMSAAD303	624/8260	78875
1,3-DICHLOROBENZENE	MW16R	ND	0.3	10	19980415	UG/L	490	AT5620-F1		VOMSAAD303	624/8260	541731
1,4-DICHLOROBENZENE	MW16R	ND	0.5	10	19980415	UG/L	490	AT5620-F1		VOMSAAD303	624/8260	106467
2-BUTANONE	MW16R	ND	9	50	19980415	UG/L	490	AT5620-F1		VOMSAAD303	624/8260	78933
AROCLOR 1016	MW16R	ND	0.1	0.5	19980415	UG/L	490	AT5620-E1		SVGC1PAB01	8082	12674112
AROCLOR 1221	MW16R	ND	0.4	0.5	19980415	UG/L	490	AT5620-E1		SVGC1PAB01	8082	11104282
AROCLOR 1232	MW16R	ND	0.2	0.5	19980415	UG/L	490	AT5620-E1		SVGC1PAB01	8082	11141165
AROCLOR 1242	MW16R	ND	0.2	0.5	19980415	UG/L	490	AT5620-E1		SVGC1PAB01	8082	53469219
AROCLOR 1248	MW16R	ND	0.2	0.5	19980415	UG/L	490	AT5620-E1		SVGC1PAB01	8082	12672296
AROCLOR 1254	MW16R	ND	0.09	0.5	19980415	UG/L	490	AT5620-E1		SVGC1PAB01	8082	11097691
AROCLOR 1260	MW16R	ND	0.1	0.5	19980415	UG/L	490	AT5620-E1		SVGC1PAB01	8082	11096825
ARSENIC-DISSOLVED	MW16R	ND	0.7	10	19980415	UG/L	490	AT5620-C0		INGFAADIAS	206.2/7060	ASD

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OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
ZINC-DISSOLVED	MW16R	ND	10	20	19980415	UG/L	490	AT5620-D0		INICPDISZN	200.7/6010	ZND
ZINC-TOTAL	MW16R	ND	10	20	19980415	UG/L	490	AT5620-B0		INICPTOTZN	200.7/6010	ZNT
ACTUAL VOLUME PURGED	MW16R		18		19980415	GALLONS	490	AT5620-99		FDWPURINFO	FIELD	VOL PURGD
DEPTH TO WATER (TOC)	MW16R		28.65		19980415	FT	490	AT5620-99		FDWDTWTC01	FIELD	DTW-TC
ELAPSED HOURS	MW16R		0.8		19980415	HRS	490	AT5620-99		FDWPURINFO	FIELD	ELAPSE HRS
GROUNDWATER ELEV.	MW16R		585.11		19980415	FT MSL	490	AT5620-99		FDWGWELWDT	FIELD	GW ELEV.
PH FIELD	MW16R		7.11		19980415	PH UNITS	490	AT5620-99		FDPHQUAD01	FIELD	FIELD PH-1
PH FIELD	MW16R		7.13		19980415	PH UNITS	490	AT5620-99		FDPHQUAD01	FIELD	FIELD PH-4
PH FIELD	MW16R		7.12		19980415	PH UNITS	490	AT5620-99		FDPHQUAD01	FIELD	FIELD PH-3
PH FIELD	MW16R		7.13		19980415	PH UNITS	490	AT5620-99		FDPHQUAD01	FIELD	FIELD PH-2
PURGE DATE (YY/MM/DD)	MW16R		98-04-15		19980415	YY/MM/DD	490	AT5620-99		FDWPURINFO	FIELD	PURGE DATE
SPECIFIC CONDUCTANCE FIELD	MW16R		3510		19980415	UMHOS/CM	490	AT5620-99		FDSPCOND04	FIELD	SP COND-1
SPECIFIC CONDUCTANCE FIELD	MW16R		3460		19980415	UMHOS/CM	490	AT5620-99		FDSPCOND04	FIELD	SP COND-2
SPECIFIC CONDUCTANCE FIELD	MW16R		3440		19980415	UMHOS/CM	490	AT5620-99		FDSPCOND04	FIELD	SP COND-4
SPECIFIC CONDUCTANCE FIELD	MW16R		3460		19980415	UMHOS/CM	490	AT5620-99		FDSPCOND04	FIELD	SP COND-3
WATER TEMP. IN DEG. CELSIUS	MW16R		11.6		19980415	DEGREES C	490	AT5620-99		FDXTEMPC01	FIELD	FTEMP DEGC
WELL DEPTH TOTAL	MW16R		67.82		19980415	FT	490	AT5620-99		FDWGWELWDT	FIELD	WDEPTH TOT
2-CHLOROETHYLVINYL ETHER	MW20R	ND	4	20	19971020	UG/L	490	AS3159-I0	TB	VOMSAAO332	624/8260	110758
2-CHLOROETHYLVINYL ETHER	MW20R	ND	4	20	19971020	UG/L	490	AS3159-G1		VOMSAAO332	624/8260	110758
ARSENIC-DISSOLVED	MW20R	ND	7	28	19971020	UG/L	490	AS3159-C0		INGFAADIAS	206.2/7060	ASD
ARSENIC-TOTAL	MW20R	ND	3.5	14	19971020	UG/L	490	AS3159-B0		INGFAATOAS	206.2/7060	AST
LEAD-DISSOLVED	MW20R	ND	0.9	5	19971020	UG/L	490	AS3159-C0		INGFAADIPB	239.2/7421	PBD
LEAD-TOTAL	MW20R	ND	0.9	5	19971020	UG/L	490	AS3159-B0		INGFAATOPB	239.2/7421	PBT
1,1,1-TRICHLOROETHANE	MW20R	ND	0.3	5	19971020	UG/L	490	AS3159-I0	TB	VOMSAAO332	624/8260	71556
1,1,2,2-TETRACHLOROETHANE	MW20R	ND	0.5	5	19971020	UG/L	490	AS3159-I0	TB	VOMSAAO332	624/8260	79345
1,1,2-TRICHLOROETHANE	MW20R	ND	0.3	5	19971020	UG/L	490	AS3159-I0	TB	VOMSAAO332	624/8260	79005
1,1-DICHLOROETHANE	MW20R	ND	0.3	5	19971020	UG/L	490	AS3159-I0	TB	VOMSAAO332	624/8260	75343
1,1-DICHLOROETHENE	MW20R	ND	0.5	5	19971020	UG/L	490	AS3159-I0	TB	VOMSAAO332	624/8260	75354
1,2-DICHLOROBENZENE	MW20R	ND	0.4	10	19971020	UG/L	490	AS3159-I0	TB	VOMSAAO332	624/8260	95501
1,2-DICHLOROETHANE	MW20R	ND	0.3	4	19971020	UG/L	490	AS3159-I0	TB	VOMSAAO332	624/8260	107062
1,2-DICHLOROPROPANE	MW20R	ND	0.5	5	19971020	UG/L	490	AS3159-I0	TB	VOMSAAO332	624/8260	78875
1,3-DICHLOROBENZENE	MW20R	ND	0.3	10	19971020	UG/L	490	AS3159-I0	TB	VOMSAAO332	624/8260	541731

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(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
1,3-DICHLOROBENZENE	MW20R	ND	0.3	10	19971020	UG/L	490	AS3159-G1		VOMSAAO332	624/8260	541731
1,4-DICHLOROBENZENE	MW20R	ND	0.5	10	19971020	UG/L	490	AS3159-G1		VOMSAAO332	624/8260	106467
2-BUTANONE	MW20R	ND	8	50	19971020	UG/L	490	AS3159-G1		VOMSAAO332	624/8260	78933
AROCLOR 1016	MW20R	ND	0.07	0.5	19971020	UG/L	490	AS3159-E1		SVGC1PCB01	608/8080	12674112
AROCLOR 1221	MW20R	ND	0.4	0.5	19971020	UG/L	490	AS3159-E1		SVGC1PCB01	608/8080	11104282
AROCLOR 1232	MW20R	ND	0.1	0.5	19971020	UG/L	490	AS3159-E1		SVGC1PCB01	608/8080	11141165
AROCLOR 1242	MW20R	ND	0.06	0.5	19971020	UG/L	490	AS3159-E1		SVGC1PCB01	608/8080	53469219
AROCLOR 1248	MW20R	ND	0.08	0.5	19971020	UG/L	490	AS3159-E1		SVGC1PCB01	608/8080	12672296
AROCLOR 1254	MW20R	ND	0.04	0.5	19971020	UG/L	490	AS3159-E1		SVGC1PCB01	608/8080	11097691
AROCLOR 1260	MW20R	ND	0.03	0.5	19971020	UG/L	490	AS3159-E1		SVGC1PCB01	608/8080	11096825
BENZENE	MW20R	ND	0.4	4	19971020	UG/L	490	AS3159-G1		VOMSAAO332	624/8260	71432
BROMODICHLOROMETHANE	MW20R	ND	0.3	5	19971020	UG/L	490	AS3159-G1		VOMSAAO332	624/8260	75274
BROMOFORM	MW20R	ND	0.2	5	19971020	UG/L	490	AS3159-G1		VOMSAAO332	624/8260	75252
BROMOMETHANE	MW20R	ND	1	10	19971020	UG/L	490	AS3159-G1		VOMSAAO332	624/8260	74839
CADMIUM-DISSOLVED	MW20R	ND	0.7	4.9	19971020	UG/L	490	AS3159-D0		INTJADISCD	200.7/6010	CDD
CADMIUM-TOTAL	MW20R	ND	0.7	4.9	19971020	UG/L	490	AS3159-B0		INTJATOTCD	200.7/6010	CDT
CARBON TETRACHLORIDE	MW20R	ND	0.4	5	19971020	UG/L	490	AS3159-G1		VOMSAAO332	624/8260	56235
CHLOROBENZENE	MW20R	ND	0.3	5	19971020	UG/L	490	AS3159-G1		VOMSAAO332	624/8260	108907
CHLOROETHANE	MW20R	ND	0.6	10	19971020	UG/L	490	AS3159-G1		VOMSAAO332	624/8260	75003
CHLOROFORM	MW20R	ND	0.4	5	19971020	UG/L	490	AS3159-G1		VOMSAAO332	624/8260	67663
CHLOROMETHANE	MW20R	ND	0.4	10	19971020	UG/L	490	AS3159-G1		VOMSAAO332	624/8260	74873
CHROMIUM-DISSOLVED	MW20R	TR	4	10	19971020	UG/L	490	AS3159-D0		INICPDISCR	200.7/6010	CRD
CHROMIUM-TOTAL	MW20R	ND	4	10	19971020	UG/L	490	AS3159-B0		INICPTOTCR	200.7/6010	CRT
CIS-1,2-DICHLOROETHENE	MW20R	ND	0.4	10	19971020	UG/L	490	AS3159-G1		VOMSAAO332	624/8260	156592
CIS-1,3-DICHLOROPROPENE	MW20R	ND	0.4	5	19971020	UG/L	490	AS3159-G1		VOMSAAO332	624/8260	10061015
DIBROMOCHLOROMETHANE	MW20R	ND	0.3	5	19971020	UG/L	490	AS3159-G1		VOMSAAO332	624/8260	124481
DICHLORODIFLUOROMETHANE	MW20R	ND	0.6	10	19971020	UG/L	490	AS3159-G1		VOMSAAO332	624/8260	75718
ETHANOL	MW20R	ND	8	100	19971020	UG/L	490	AS3159-H1		VOMSDAX114	603	64175
ETHYLBENZENE	MW20R	ND	0.3	5	19971020	UG/L	490	AS3159-G1		VOMSAAO332	624/8260	100414
METHYLENE CHLORIDE	MW20R	ND	0.3	5	19971020	UG/L	490	AS3159-G1		VOMSAAO332	624/8260	75092
NICKEL-DISSOLVED	MW20R	ND	19	40	19971020	UG/L	490	AS3159-D0		INICPDISNI	200.7/6010	NID
NICKEL-TOTAL	MW20R	ND	19	40	19971020	UG/L	490	AS3159-B0		INICPTOTNI	200.7/6010	NIT

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
WASTE MANAGEMENT OF OHIO-VICKERY
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
1,2-DICHLOROBENZENE	MW20R	ND	0.4	10	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	95501
1,2-DICHLOROETHANE	MW20R	ND	0.3	4	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	107062
1,2-DICHLOROPROPANE	MW20R	ND	0.6	5	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	78875
1,3-DICHLOROBENZENE	MW20R	ND	0.3	10	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	541731
1,4-DICHLOROBENZENE	MW20R	ND	0.5	10	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	106467
2-BUTANONE	MW20R	ND	9	50	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	78933
BENZENE	MW20R	ND	0.4	4	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	71432
BROMODICHLOROMETHANE	MW20R	ND	0.3	5	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	75274
BROMOFORM	MW20R	ND	0.2	5	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	75252
BROMOMETHANE	MW20R	ND	1	10	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	74839
CARBON TETRACHLORIDE	MW20R	ND	0.4	5	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	56235
CHLOROBENZENE	MW20R	ND	0.4	5	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	108907
CHLOROETHANE	MW20R	ND	0.6	10	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	75003
CHLOROFORM	MW20R	ND	0.4	5	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	67663
CHLOROMETHANE	MW20R	ND	0.4	10	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	74873
CIS-1,2-DICHLOROETHENE	MW20R	ND	0.4	10	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	156592
CIS-1,3-DICHLOROPROPENE	MW20R	ND	0.6	5	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	10061015
DIBROMOCHLOROMETHANE	MW20R	ND	0.3	5	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	124481
DICHLORODIFLUOROMETHANE	MW20R	ND	0.6	10	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	75718
ETHANOL	MW20R	ND	71	100	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	64175
ETHYLBENZENE	MW20R	ND	0.3	5	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	100414
METHYLENE CHLORIDE	MW20R	ND	0.3	5	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	75092
TETRACHLOROETHENE	MW20R	ND	0.3	5	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	127184
TOLUENE	MW20R	ND	0.7	5	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	108883
TRANS-1,2-DICHLOROETHENE	MW20R	ND	0.3	10	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	156605
TRANS-1,3-DICHLOROPROPENE	MW20R	ND	0.3	5	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	10061026
TRICHLOROETHENE	MW20R	ND	0.4	4	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	79016
TRICHLOROFLUOROMETHANE	MW20R	ND	0.8	10	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	75694
VINYL CHLORIDE	MW20R	ND	0.5	2	19980415	UG/L	490	AT5614-G0	TB	VOMSAAD303	624/8260	75014
1,1,1-TRICHLOROETHANE	MW20R	ND	0.3	5	19980415	UG/L	490	AT5614-F1		VOMSAAD303	624/8260	71556
1,1,2,2-TETRACHLOROETHANE	MW20R	ND	0.5	5	19980415	UG/L	490	AT5614-F1		VOMSAAD303	624/8260	79345
1,1,2-TRICHLOROETHANE	MW20R	ND	0.3	5	19980415	UG/L	490	AT5614-F1		VOMSAAD303	624/8260	79005

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(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
DIBROMOCHLOROMETHANE	MW20R	ND	0.3	5	19980415	UG/L	490	AT5614-F1		VOMSAAD303	624/8260	124481
DICHLORODIFLUOROMETHANE	MW20R	ND	0.6	10	19980415	UG/L	490	AT5614-F1		VOMSAAD303	624/8260	75718
ETHANOL	MW20R	ND	71	100	19980415	UG/L	490	AT5614-F1		VOMSAAD303	624/8260	64175
ETHYLBENZENE	MW20R	ND	0.3	5	19980415	UG/L	490	AT5614-F1		VOMSAAD303	624/8260	100414
LEAD-DISSOLVED	MW20R	ND	0.9	5	19980415	UG/L	490	AT5614-C0		INGFAADIPB	239.2/7421	PBD
LEAD-TOTAL	MW20R	ND	0.9	5	19980415	UG/L	490	AT5614-B0		INGFAATOPB	239.2/7421	PBT
METHYLENE CHLORIDE	MW20R	ND	0.3	5	19980415	UG/L	490	AT5614-F1		VOMSAAD303	624/8260	75092
NICKEL-DISSOLVED	MW20R	ND	19	40	19980415	UG/L	490	AT5614-D0		INICPDISNI	200.7/6010	NID
NICKEL-TOTAL	MW20R	ND	19	40	19980415	UG/L	490	AT5614-B0		INICPTOTNI	200.7/6010	NIT
PHENOLS	MW20R	ND	0.005	0.005	19980415	MG/L	490	AT5614-A0		CRPNLRMN01	420.2/9066	SN32730LRM
TETRACHLOROETHENE	MW20R	ND	0.3	5	19980415	UG/L	490	AT5614-F1		VOMSAAD303	624/8260	127184
TOLUENE	MW20R	ND	0.7	5	19980415	UG/L	490	AT5614-F1		VOMSAAD303	624/8260	108883
TRANS-1,2-DICHLOROETHENE	MW20R	ND	0.3	10	19980415	UG/L	490	AT5614-F1		VOMSAAD303	624/8260	156605
TRANS-1,3-DICHLOROPROPENE	MW20R	ND	0.3	5	19980415	UG/L	490	AT5614-F1		VOMSAAD303	624/8260	10061026
TRICHLOROETHENE	MW20R	ND	0.4	4	19980415	UG/L	490	AT5614-F1		VOMSAAD303	624/8260	79016
TRICHLOROFLUOROMETHANE	MW20R	ND	0.8	10	19980415	UG/L	490	AT5614-F1		VOMSAAD303	624/8260	75694
VINYL CHLORIDE	MW20R	ND	0.5	2	19980415	UG/L	490	AT5614-F1		VOMSAAD303	624/8260	75014
ZINC-DISSOLVED	MW20R	ND	10	20	19980415	UG/L	490	AT5614-D0		INICPDISZN	200.7/6010	ZND
ZINC-TOTAL	MW20R	ND	10	20	19980415	UG/L	490	AT5614-B0		INICPTOTZN	200.7/6010	ZNT
ACTUAL VOLUME PURGED	MW20R		19		19980415	GALLONS	490	AT5614-99		FDWPURINFO	FIELD	VOL PURGD
DEPTH TO WATER (TOC)	MW20R		28.99		19980415	FT	490	AT5614-99		FDWDTWTC01	FIELD	DTW-TC
ELAPSED HOURS	MW20R		0.5		19980415	HRS	490	AT5614-99		FDWPURINFO	FIELD	ELAPSE HRS
GROUNDWATER ELEV.	MW20R		585.05		19980415	FT MSL	490	AT5614-99		FDWGWELWDT	FIELD	GW ELEV.
PH FIELD	MW20R		7.03		19980415	PH UNITS	490	AT5614-99		FDPHQUAD01	FIELD	FIELD PH-1
PH FIELD	MW20R		7.03		19980415	PH UNITS	490	AT5614-99		FDPHQUAD01	FIELD	FIELD PH-2
PH FIELD	MW20R		7.04		19980415	PH UNITS	490	AT5614-99		FDPHQUAD01	FIELD	FIELD PH-3
PH FIELD	MW20R		7.04		19980415	PH UNITS	490	AT5614-99		FDPHQUAD01	FIELD	FIELD PH-4
PURGE DATE (YY/MM/DD)	MW20R		98-04-15		19980415	YY/MM/DD	490	AT5614-99		FDWPURINFO	FIELD	PURGE DATE
SPECIFIC CONDUCTANCE FIELD	MW20R		3040		19980415	UMHOS/CM	490	AT5614-99		FDSPCOND04	FIELD	SP COND-1
SPECIFIC CONDUCTANCE FIELD	MW20R		3030		19980415	UMHOS/CM	490	AT5614-99		FDSPCOND04	FIELD	SP COND-2
SPECIFIC CONDUCTANCE FIELD	MW20R		3020		19980415	UMHOS/CM	490	AT5614-99		FDSPCOND04	FIELD	SP COND-3
SPECIFIC CONDUCTANCE FIELD	MW20R		3020		19980415	UMHOS/CM	490	AT5614-99		FDSPCOND04	FIELD	SP COND-4

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
WASTE MANAGEMENT OF OHIO-VICKERY
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field date	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
CHLOROFORM	MW24R	ND	0.4	5	19971020	UG/L	490	AS3163-G1		VOMSAAO332	624/8260	67663
CHLOROMETHANE	MW24R	ND	0.4	10	19971020	UG/L	490	AS3163-G1		VOMSAAO332	624/8260	74873
CHROMIUM-DISSOLVED	MW24R	TR	4.7	10	19971020	UG/L	490	AS3163-D0		INICPDISCR	200.7/6010	CRD
CHROMIUM-TOTAL	MW24R	ND	4	10	19971020	UG/L	490	AS3163-B0		INICPTOTCR	200.7/6010	CRT
CIS-1,2-DICHLOROETHENE	MW24R	ND	0.4	10	19971020	UG/L	490	AS3163-G1		VOMSAAO332	624/8260	156592
CIS-1,3-DICHLOROPROPENE	MW24R	ND	0.4	5	19971020	UG/L	490	AS3163-G1		VOMSAAO332	624/8260	10061015
DIBROMOCHLOROMETHANE	MW24R	ND	0.3	5	19971020	UG/L	490	AS3163-G1		VOMSAAO332	624/8260	124481
DICHLORODIFLUOROMETHANE	MW24R	ND	0.6	10	19971020	UG/L	490	AS3163-G1		VOMSAAO332	624/8260	75718
ETHANOL	MW24R	ND	8	100	19971020	UG/L	490	AS3163-H1		VOMSDAX114	603	64175
ETHYLBENZENE	MW24R	ND	0.3	5	19971020	UG/L	490	AS3163-G1		VOMSAAO332	624/8260	100414
LEAD-DISSOLVED	MW24R	ND	0.9	5	19971020	UG/L	490	AS3163-C0		INGFAADIPB	239.2/7421	PBD
LEAD-TOTAL	MW24R	ND	0.9	5	19971020	UG/L	490	AS3163-B0		INGFAATOPB	239.2/7421	PBT
METHYLENE CHLORIDE	MW24R	ND	0.3	5	19971020	UG/L	490	AS3163-G1		VOMSAAO332	624/8260	75092
NICKEL-DISSOLVED	MW24R	ND	19	40	19971020	UG/L	490	AS3163-D0		INICPDISNI	200.7/6010	NID
NICKEL-TOTAL	MW24R	ND	19	40	19971020	UG/L	490	AS3163-B0		INICPTOTNI	200.7/6010	NIT
PHENOLS	MW24R	ND	0.005	0.005	19971020	MG/L	490	AS3163-A0		CRPNLRMN01	420.2/9066	SN32730LRM
TETRACHLOROETHENE	MW24R	ND	0.3	5	19971020	UG/L	490	AS3163-G1		VOMSAAO332	624/8260	127184
TOLUENE	MW24R	ND	0.5	5	19971020	UG/L	490	AS3163-G1		VOMSAAO332	624/8260	108883
TRANS-1,2-DICHLOROETHENE	MW24R	ND	0.3	10	19971020	UG/L	490	AS3163-G1		VOMSAAO332	624/8260	156605
TRANS-1,3-DICHLOROPROPENE	MW24R	ND	0.3	5	19971020	UG/L	490	AS3163-G1		VOMSAAO332	624/8260	10061026
TRICHLOROETHENE	MW24R	ND	0.4	4	19971020	UG/L	490	AS3163-G1		VOMSAAO332	624/8260	79016
TRICHLOROFLUOROMETHANE	MW24R	ND	0.8	10	19971020	UG/L	490	AS3163-G1		VOMSAAO332	624/8260	75694
VINYL CHLORIDE	MW24R	ND	0.5	2	19971020	UG/L	490	AS3163-G1		VOMSAAO332	624/8260	75014
ZINC-DISSOLVED	MW24R	ND	10	20	19971020	UG/L	490	AS3163-D0		INICPDISZN	200.7/6010	ZND
ZINC-TOTAL	MW24R	ND	10	20	19971020	UG/L	490	AS3163-B0		INICPTOTZN	200.7/6010	ZNT
ACTUAL VOLUME PURGED	MW24R		15.5		19971020	GALLONS	490	AS3163-99		FDWPURINFO	FIELD	VOL PURGD
DEPTH TO WATER (TOC)	MW24R		29.67		19971020	FT	490	AS3163-99		FDWDTWTC01	FIELD	DTW-TC
ELAPSED HOURS	MW24R		0.5		19971020	HRS	490	AS3163-99		FDWPURINFO	FIELD	ELAPSE HRS
GROUNDWATER ELEV.	MW24R		584.37		19971020	FT MSL	490	AS3163-99		FDWGWELWDT	FIELD	GW ELEV.
PH FIELD	MW24R		6.94		19971020	PH UNITS	490	AS3163-99		FDPHQUAD01	FIELD	FIELD PH-1
PH FIELD	MW24R		6.95		19971020	PH UNITS	490	AS3163-99		FDPHQUAD01	FIELD	FIELD PH-2
PH FIELD	MW24R		6.94		19971020	PH UNITS	490	AS3163-99		FDPHQUAD01	FIELD	FIELD PH-3

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
WASTE MANAGEMENT OF OHIO-VICKERY
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
CIS-1,2-DICHLOROETHENE	MW24R	ND	0.4	10	19980413	UG/L	490	AT5610-G0	TB	VOMSAAD303	624/8260	156592
CIS-1,3-DICHLOROPROPENE	MW24R	ND	0.6	5	19980413	UG/L	490	AT5610-G0	TB	VOMSAAD303	624/8260	10061015
DIBROMOCHLOROMETHANE	MW24R	ND	0.3	5	19980413	UG/L	490	AT5610-G0	TB	VOMSAAD303	624/8260	124481
DICHLORODIFLUOROMETHANE	MW24R	ND	0.6	10	19980413	UG/L	490	AT5610-G0	TB	VOMSAAD303	624/8260	75718
ETHANOL	MW24R	ND	71	100	19980413	UG/L	490	AT5610-G0	TB	VOMSAAD303	624/8260	64175
ETHYLBENZENE	MW24R	ND	0.3	5	19980413	UG/L	490	AT5610-G0	TB	VOMSAAD303	624/8260	100414
METHYLENE CHLORIDE	MW24R	ND	0.3	5	19980413	UG/L	490	AT5610-G0	TB	VOMSAAD303	624/8260	75092
TETRACHLOROETHENE	MW24R	ND	0.3	5	19980413	UG/L	490	AT5610-G0	TB	VOMSAAD303	624/8260	127184
TOLUENE	MW24R	ND	0.7	5	19980413	UG/L	490	AT5610-G0	TB	VOMSAAD303	624/8260	108883
TRANS-1,2-DICHLOROETHENE	MW24R	ND	0.3	10	19980413	UG/L	490	AT5610-G0	TB	VOMSAAD303	624/8260	156605
TRANS-1,3-DICHLOROPROPENE	MW24R	ND	0.3	5	19980413	UG/L	490	AT5610-G0	TB	VOMSAAD303	624/8260	10061026
TRICHLOROETHENE	MW24R	ND	0.4	4	19980413	UG/L	490	AT5610-G0	TB	VOMSAAD303	624/8260	79016
TRICHLOROFLUOROMETHANE	MW24R	ND	0.8	10	19980413	UG/L	490	AT5610-G0	TB	VOMSAAD303	624/8260	75694
VINYL CHLORIDE	MW24R	ND	0.5	2	19980413	UG/L	490	AT5610-G0	TB	VOMSAAD303	624/8260	75014
1,1,1-TRICHLOROETHANE	MW24R	ND	0.3	5	19980413	UG/L	490	AT5610-F1		VOMSAAD303	624/8260	71556
1,1,2,2-TETRACHLOROETHANE	MW24R	ND	0.5	5	19980413	UG/L	490	AT5610-F1		VOMSAAD303	624/8260	79345
1,1,2-TRICHLOROETHANE	MW24R	ND	0.3	5	19980413	UG/L	490	AT5610-F1		VOMSAAD303	624/8260	79005
1,1-DICHLOROETHANE	MW24R	ND	0.3	5	19980413	UG/L	490	AT5610-F1		VOMSAAD303	624/8260	75343
1,1-DICHLOROETHENE	MW24R	ND	0.5	5	19980413	UG/L	490	AT5610-F1		VOMSAAD303	624/8260	75354
1,2-DICHLOROBENZENE	MW24R	ND	0.4	10	19980413	UG/L	490	AT5610-F1		VOMSAAD303	624/8260	95501
1,2-DICHLOROETHANE	MW24R	ND	0.3	4	19980413	UG/L	490	AT5610-F1		VOMSAAD303	624/8260	107062
1,2-DICHLOROPROPANE	MW24R	ND	0.6	5	19980413	UG/L	490	AT5610-F1		VOMSAAD303	624/8260	78875
1,3-DICHLOROBENZENE	MW24R	ND	0.3	10	19980413	UG/L	490	AT5610-F1		VOMSAAD303	624/8260	541731
1,4-DICHLOROBENZENE	MW24R	ND	0.5	10	19980413	UG/L	490	AT5610-F1		VOMSAAD303	624/8260	106467
2-BUTANONE	MW24R	ND	9	50	19980413	UG/L	490	AT5610-F1		VOMSAAD303	624/8260	78933
AROCLOR 1016	MW24R	ND	0.1	0.5	19980413	UG/L	490	AT5610-E1		SVGC1PAB01	8082	12674112
AROCLOR 1221	MW24R	ND	0.4	0.5	19980413	UG/L	490	AT5610-E1		SVGC1PAB01	8082	11104282
AROCLOR 1232	MW24R	ND	0.2	0.5	19980413	UG/L	490	AT5610-E1		SVGC1PAB01	8082	11141165
AROCLOR 1242	MW24R	ND	0.2	0.5	19980413	UG/L	490	AT5610-E1		SVGC1PAB01	8082	53469219
AROCLOR 1248	MW24R	ND	0.2	0.5	19980413	UG/L	490	AT5610-E1		SVGC1PAB01	8082	12672296
AROCLOR 1254	MW24R	ND	0.09	0.5	19980413	UG/L	490	AT5610-E1		SVGC1PAB01	8082	11097691
AROCLOR 1260	MW24R	ND	0.1	0.5	19980413	UG/L	490	AT5610-E1		SVGC1PAB01	8082	11096825

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(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
ZINC-DISSOLVED	MW24R	ND	10	20	19980413	UG/L	490	AT5610-D0		INICPDISZN	200.7/6010	ZND
ZINC-TOTAL	MW24R	ND	10	20	19980413	UG/L	490	AT5610-B0		INICPTOTZN	200.7/6010	ZNT
ACTUAL VOLUME PURGED	MW24R		15.5		19980413	GALLONS	490	AT5610-99		FDWPURINFO	FIELD	VOL PURGD
DEPTH TO WATER (TOC)	MW24R		28.95		19980413	FT	490	AT5610-99		FDWDTWTC01	FIELD	DTW-TC
ELAPSED HOURS	MW24R		0.5		19980413	HRS	490	AT5610-99		FDWPURINFO	FIELD	ELAPSE HRS
GROUNDWATER ELEV.	MW24R		585.09		19980413	FT MSL	490	AT5610-99		FDWGWELWDT	FIELD	GW ELEV.
PH FIELD	MW24R		6.98		19980413	PH UNITS	490	AT5610-99		FDPHQUAD01	FIELD	FIELD PH-1
PH FIELD	MW24R		7.08		19980413	PH UNITS	490	AT5610-99		FDPHQUAD01	FIELD	FIELD PH-3
PH FIELD	MW24R		7.08		19980413	PH UNITS	490	AT5610-99		FDPHQUAD01	FIELD	FIELD PH-4
PH FIELD	MW24R		7.12		19980413	PH UNITS	490	AT5610-99		FDPHQUAD01	FIELD	FIELD PH-2
PURGE DATE (YY/MM/DD)	MW24R		98-04-13		19980413	YY/MM/DD	490	AT5610-99		FDWPURINFO	FIELD	PURGE DATE
SPECIFIC CONDUCTANCE FIELD	MW24R		2950		19980413	UMHOS/CM	490	AT5610-99		FDSPCOND04	FIELD	SP COND-1
SPECIFIC CONDUCTANCE FIELD	MW24R		2900		19980413	UMHOS/CM	490	AT5610-99		FDSPCOND04	FIELD	SP COND-4
SPECIFIC CONDUCTANCE FIELD	MW24R		2910		19980413	UMHOS/CM	490	AT5610-99		FDSPCOND04	FIELD	SP COND-2
SPECIFIC CONDUCTANCE FIELD	MW24R		2890		19980413	UMHOS/CM	490	AT5610-99		FDSPCOND04	FIELD	SP COND-3
WATER TEMP. IN DEG. CELSIUS	MW24R		12		19980413	DEGREES C	490	AT5610-99		FDXTEMPC01	FIELD	FTEMP DEGC
WELL DEPTH TOTAL	MW24R		60.31		19980413	FT	490	AT5610-99		FDWGWELWDT	FIELD	WDEPTH TOT
2-CHLOROETHYLVINYL ETHER	MW30R	ND	4	20	19971021	UG/L	490	AS3161-G1		VOMSAAO332	624/8260	110758
ARSENIC-DISSOLVED	MW30R	ND	3.5	14	19971021	UG/L	490	AS3161-C0		INGFAADIAS	206.2/7060	ASD
PHENOLS	MW30R	ND	0.005	0.005	19971021	MG/L	490	AS3161-A0		CRPNLRMN01	420.2/9066	SN32730LRM
1,1,1-TRICHLOROETHANE	MW30R	ND	0.3	5	19971021	UG/L	490	AS3161-G1		VOMSAAO332	624/8260	71556
1,1,2,2-TETRACHLOROETHANE	MW30R	ND	0.5	5	19971021	UG/L	490	AS3161-G1		VOMSAAO332	624/8260	79345
1,1,2-TRICHLOROETHANE	MW30R	ND	0.3	5	19971021	UG/L	490	AS3161-G1		VOMSAAO332	624/8260	79005
1,1-DICHLOROETHANE	MW30R	ND	0.3	5	19971021	UG/L	490	AS3161-G1		VOMSAAO332	624/8260	75343
1,1-DICHLOROETHENE	MW30R	ND	0.5	5	19971021	UG/L	490	AS3161-G1		VOMSAAO332	624/8260	75354
1,2-DICHLOROBENZENE	MW30R	ND	0.4	10	19971021	UG/L	490	AS3161-G1		VOMSAAO332	624/8260	95501
1,2-DICHLOROETHANE	MW30R	ND	0.3	4	19971021	UG/L	490	AS3161-G1		VOMSAAO332	624/8260	107062
1,2-DICHLOROPROPANE	MW30R	ND	0.5	5	19971021	UG/L	490	AS3161-G1		VOMSAAO332	624/8260	78875
1,3-DICHLOROBENZENE	MW30R	ND	0.3	10	19971021	UG/L	490	AS3161-G1		VOMSAAO332	624/8260	541731
1,4-DICHLOROBENZENE	MW30R	ND	0.5	10	19971021	UG/L	490	AS3161-G1		VOMSAAO332	624/8260	106467
2-BUTANONE	MW30R	ND	8	50	19971021	UG/L	490	AS3161-G1		VOMSAAO332	624/8260	78933
AROCLOR 1016	MW30R	ND	0.07	0.5	19971021	UG/L	490	AS3161-E0		SVGC1PCB01	608/8080	12674112

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
TOLUENE	MW30R	ND	0.5	5	19971021	UG/L	490	AS3161-G1		VOMSAAO332	624/8260	108883
TRANS-1,2-DICHLOROETHENE	MW30R	ND	0.3	10	19971021	UG/L	490	AS3161-G1		VOMSAAO332	624/8260	156605
TRANS-1,3-DICHLOROPROPENE	MW30R	ND	0.3	5	19971021	UG/L	490	AS3161-G1		VOMSAAO332	624/8260	10061026
TRICHLOROETHENE	MW30R	ND	0.4	4	19971021	UG/L	490	AS3161-G1		VOMSAAO332	624/8260	79016
TRICHLOROFLUOROMETHANE	MW30R	ND	0.8	10	19971021	UG/L	490	AS3161-G1		VOMSAAO332	624/8260	75694
VINYL CHLORIDE	MW30R	ND	0.5	2	19971021	UG/L	490	AS3161-G1		VOMSAAO332	624/8260	75014
ZINC-DISSOLVED	MW30R	ND	10	20	19971021	UG/L	490	AS3161-D0		INICPDISZN	200.7/6010	ZND
ZINC-TOTAL	MW30R	ND	10	20	19971021	UG/L	490	AS3161-B0		INICPTOTZN	200.7/6010	ZNT
ACTUAL VOLUME PURGED	MW30R		19		19971021	GALLONS	490	AS3161-99		FDWPURINFO	FIELD	VOL PURGD
DEPTH TO WATER (TOC)	MW30R		26.81		19971021	FT	490	AS3161-99		FDWDTWTC01	FIELD	DTW-TC
ELAPSED HOURS	MW30R		0.6		19971021	HRS	490	AS3161-99		FDWPURINFO	FIELD	ELAPSE HRS
GROUNDWATER ELEV.	MW30R		584.32		19971021	FT MSL	490	AS3161-99		FDWGWELWDT	FIELD	GW ELEV.
PH FIELD	MW30R		6.95		19971021	PH UNITS	490	AS3161-99		FDPHQUAD01	FIELD	FIELD PH-1
PH FIELD	MW30R		6.95		19971021	PH UNITS	490	AS3161-99		FDPHQUAD01	FIELD	FIELD PH-2
PH FIELD	MW30R		6.96		19971021	PH UNITS	490	AS3161-99		FDPHQUAD01	FIELD	FIELD PH-3
PH FIELD	MW30R		6.97		19971021	PH UNITS	490	AS3161-99		FDPHQUAD01	FIELD	FIELD PH-4
PURGE DATE (YY/MM/DD)	MW30R		97-10-21		19971021	YY/MM/DD	490	AS3161-99		FDWPURINFO	FIELD	PURGE DATE
SPECIFIC CONDUCTANCE FIELD	MW30R		3110		19971021	UMHOS/CM	490	AS3161-99		FDSPCOND04	FIELD	SP COND-1
SPECIFIC CONDUCTANCE FIELD	MW30R		3110		19971021	UMHOS/CM	490	AS3161-99		FDSPCOND04	FIELD	SP COND-2
SPECIFIC CONDUCTANCE FIELD	MW30R		3100		19971021	UMHOS/CM	490	AS3161-99		FDSPCOND04	FIELD	SP COND-3
SPECIFIC CONDUCTANCE FIELD	MW30R		3100		19971021	UMHOS/CM	490	AS3161-99		FDSPCOND04	FIELD	SP COND-4
WATER TEMP. IN DEG. CELSIUS	MW30R		11.5		19971021	DEGREES C	490	AS3161-99		FDXTEMPC01	FIELD	FTEMP DEGC
WELL DEPTH TOTAL	MW30R		65.31		19971021	FT	490	AS3161-99		FDWGWELWDT	FIELD	WDEPTH TOT
2-CHLOROETHYLVINYL ETHER	MW30R	ND	5	20	19980413	UG/L	490	AT5617-F1		VOMSAAD303	624/8260	110758
ARSENIC-TOTAL	MW30R	ND	0.7	10	19980413	UG/L	490	AT5617-B0		INGFAATOAS	206.2/7060	AST
LEAD-TOTAL	MW30R	ND	0.9	5	19980413	UG/L	490	AT5617-B0		INGFAATOPB	239.2/7421	PBT
1,1,1-TRICHLOROETHANE	MW30R	ND	0.3	5	19980413	UG/L	490	AT5617-F1		VOMSAAD303	624/8260	71556
1,1,2,2-TETRACHLOROETHANE	MW30R	ND	0.5	5	19980413	UG/L	490	AT5617-F1		VOMSAAD303	624/8260	79345
1,1,2-TRICHLOROETHANE	MW30R	ND	0.3	5	19980413	UG/L	490	AT5617-F1		VOMSAAD303	624/8260	79005
1,1-DICHLOROETHANE	MW30R	ND	0.3	5	19980413	UG/L	490	AT5617-F1		VOMSAAD303	624/8260	75343
1,1-DICHLOROETHENE	MW30R	ND	0.5	5	19980413	UG/L	490	AT5617-F1		VOMSAAD303	624/8260	75354
1,2-DICHLOROBENZENE	MW30R	ND	0.4	10	19980413	UG/L	490	AT5617-F1		VOMSAAD303	624/8260	95501

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
LEAD-DISSOLVED	MW30R	ND	0.9	5	19980413	UG/L	490	AT5617-C0		INGFAADIPB	239.2/7421	PBD
METHYLENE CHLORIDE	MW30R	ND	0.3	5	19980413	UG/L	490	AT5617-F1		VOMSAAD303	624/8260	75092
NICKEL-DISSOLVED	MW30R	ND	19	40	19980413	UG/L	490	AT5617-D0		INICPDISNI	200.7/6010	NID
NICKEL-TOTAL	MW30R	ND	19	40	19980413	UG/L	490	AT5617-B0		INICPTOTNI	200.7/6010	NIT
PHENOLS	MW30R	ND	0.005	0.005	19980413	MG/L	490	AT5617-A0		CRPNLRMN01	420.2/9066	SN32730LRM
TETRACHLOROETHENE	MW30R	ND	0.3	5	19980413	UG/L	490	AT5617-F1		VOMSAAD303	624/8260	127184
TOLUENE	MW30R	ND	0.7	5	19980413	UG/L	490	AT5617-F1		VOMSAAD303	624/8260	108883
TRANS-1,2-DICHLOROETHENE	MW30R	ND	0.3	10	19980413	UG/L	490	AT5617-F1		VOMSAAD303	624/8260	156605
TRANS-1,3-DICHLOROPROPENE	MW30R	ND	0.3	5	19980413	UG/L	490	AT5617-F1		VOMSAAD303	624/8260	10061026
TRICHLOROETHENE	MW30R	ND	0.4	4	19980413	UG/L	490	AT5617-F1		VOMSAAD303	624/8260	79016
TRICHLOROFLUOROMETHANE	MW30R	ND	0.8	10	19980413	UG/L	490	AT5617-F1		VOMSAAD303	624/8260	75694
VINYL CHLORIDE	MW30R	ND	0.5	2	19980413	UG/L	490	AT5617-F1		VOMSAAD303	624/8260	75014
ZINC-DISSOLVED	MW30R	ND	10	20	19980413	UG/L	490	AT5617-D0		INICPDISZN	200.7/6010	ZND
ZINC-TOTAL	MW30R	ND	10	20	19980413	UG/L	490	AT5617-B0		INICPTOTZN	200.7/6010	ZNT
ACTUAL VOLUME PURGED	MW30R		20		19980413	GALLONS	490	AT5617-99		FDWPURINFO	FIELD	VOL PURGD
DEPTH TO WATER (TOC)	MW30R		26.11		19980413	FT	490	AT5617-99		FDWDTWTC01	FIELD	DTW-TC
ELAPSED HOURS	MW30R		0.5		19980413	HRS	490	AT5617-99		FDWPURINFO	FIELD	ELAPSE HRS
GROUNDWATER ELEV.	MW30R		585.02		19980413	FT MSL	490	AT5617-99		FDWGWELWDT	FIELD	GW ELEV.
PH FIELD	MW30R		7.21		19980413	PH UNITS	490	AT5617-99		FDPHQUAD01	FIELD	FIELD PH-1
PH FIELD	MW30R		7.23		19980413	PH UNITS	490	AT5617-99		FDPHQUAD01	FIELD	FIELD PH-2
PH FIELD	MW30R		7.22		19980413	PH UNITS	490	AT5617-99		FDPHQUAD01	FIELD	FIELD PH-3
PH FIELD	MW30R		7.25		19980413	PH UNITS	490	AT5617-99		FDPHQUAD01	FIELD	FIELD PH-4
PURGE DATE (YY/MM/DD)	MW30R		98-04-13		19980413	YY/MM/DD	490	AT5617-99		FDWPURINFO	FIELD	PURGE DATE
SPECIFIC CONDUCTANCE FIELD	MW30R		2990		19980413	UMHOS/CM	490	AT5617-99		FDSPCOND04	FIELD	SP COND-1
SPECIFIC CONDUCTANCE FIELD	MW30R		2920		19980413	UMHOS/CM	490	AT5617-99		FDSPCOND04	FIELD	SP COND-3
SPECIFIC CONDUCTANCE FIELD	MW30R		2940		19980413	UMHOS/CM	490	AT5617-99		FDSPCOND04	FIELD	SP COND-4
SPECIFIC CONDUCTANCE FIELD	MW30R		2910		19980413	UMHOS/CM	490	AT5617-99		FDSPCOND04	FIELD	SP COND-2
WATER TEMP. IN DEG. CELSIUS	MW30R		12.2		19980413	DEGREES C	490	AT5617-99		FDXTEMPC01	FIELD	FTEMP DEGC
WELL DEPTH TOTAL	MW30R		65.31		19980413	FT	490	AT5617-99		FDWGWELWDT	FIELD	WDEPTH TOT
2-CHLOROETHYLVINYL ETHER	MW36R	ND	4	20	19971021	UG/L	490	AS3165-G1		VOMSAAO332	624/8260	110758
ARSENIC-TOTAL	MW36R	ND	1.4	10	19971021	UG/L	490	AS3165-B0		INGFAATOAS	206.2/7060	AST
1,1,1-TRICHLOROETHANE	MW36R	ND	0.3	5	19971021	UG/L	490	AS3165-G1		VOMSAAO332	624/8260	71556

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
CIS-1,3-DICHLOROPROPENE	MW36R	ND	0.4	5	19971021	UG/L	490	AS3165-G1		VOMSAAO332	624/8260	10061015
DIBROMOCHLOROMETHANE	MW36R	ND	0.3	5	19971021	UG/L	490	AS3165-G1		VOMSAAO332	624/8260	124481
DICHLORODIFLUOROMETHANE	MW36R	ND	0.6	10	19971021	UG/L	490	AS3165-G1		VOMSAAO332	624/8260	75718
ETHANOL	MW36R	ND	8	100	19971021	UG/L	490	AS3165-H1		VOMSDAX114	603	64175
ETHYLBENZENE	MW36R	ND	0.3	5	19971021	UG/L	490	AS3165-G1		VOMSAAO332	624/8260	100414
LEAD-DISSOLVED	MW36R	ND	0.9	5	19971021	UG/L	490	AS3165-C0		INGFAADIPB	239.2/7421	PBD
LEAD-TOTAL	MW36R	TR	3.2	5	19971021	UG/L	490	AS3165-B0		INGFAATOPB	239.2/7421	PBT
METHYLENE CHLORIDE	MW36R	ND	0.3	5	19971021	UG/L	490	AS3165-G1		VOMSAAO332	624/8260	75092
NICKEL-DISSOLVED	MW36R	ND	19	40	19971021	UG/L	490	AS3165-D0		INICPDISNI	200.7/6010	NID
NICKEL-TOTAL	MW36R	ND	19	40	19971021	UG/L	490	AS3165-B0		INICPTOTNI	200.7/6010	NIT
PHENOLS	MW36R	ND	0.005	0.005	19971021	MG/L	490	AS3165-A0		CRPNLRMN01	420.2/9066	SN32730LRM
TETRACHLOROETHENE	MW36R	ND	0.3	5	19971021	UG/L	490	AS3165-G1		VOMSAAO332	624/8260	127184
TOLUENE	MW36R	ND	0.5	5	19971021	UG/L	490	AS3165-G1		VOMSAAO332	624/8260	108883
TRANS-1,2-DICHLOROETHENE	MW36R	ND	0.3	10	19971021	UG/L	490	AS3165-G1		VOMSAAO332	624/8260	156605
TRANS-1,3-DICHLOROPROPENE	MW36R	ND	0.3	5	19971021	UG/L	490	AS3165-G1		VOMSAAO332	624/8260	10061026
TRICHLOROETHENE	MW36R	ND	0.4	4	19971021	UG/L	490	AS3165-G1		VOMSAAO332	624/8260	79016
TRICHLOROFLUOROMETHANE	MW36R	ND	0.8	10	19971021	UG/L	490	AS3165-G1		VOMSAAO332	624/8260	75694
VINYL CHLORIDE	MW36R	ND	0.5	2	19971021	UG/L	490	AS3165-G1		VOMSAAO332	624/8260	75014
ZINC-DISSOLVED	MW36R	ND	10	20	19971021	UG/L	490	AS3165-D0		INICPDISZN	200.7/6010	ZND
ZINC-TOTAL	MW36R	ND	10	20	19971021	UG/L	490	AS3165-B0		INICPTOTZN	200.7/6010	ZNT
ACTUAL VOLUME PURGED	MW36R		21		19971021	GALLONS	490	AS3165-99		FDWPURINFO	FIELD	VOL PURGD
DEPTH TO WATER (TOC)	MW36R		28.62		19971021	FT	490	AS3165-99		FDWDTWTC01	FIELD	DTW-TC
ELAPSED HOURS	MW36R		0.6		19971021	HRS	490	AS3165-99		FDWPURINFO	FIELD	ELAPSE HRS
GROUNDWATER ELEV.	MW36R		584.28		19971021	FT MSL	490	AS3165-99		FDWGWELWDT	FIELD	GW ELEV.
PH FIELD	MW36R		7.42		19971021	PH UNITS	490	AS3165-99		FDPHQUAD01	FIELD	FIELD PH-1
PH FIELD	MW36R		7.45		19971021	PH UNITS	490	AS3165-99		FDPHQUAD01	FIELD	FIELD PH-4
PH FIELD	MW36R		7.44		19971021	PH UNITS	490	AS3165-99		FDPHQUAD01	FIELD	FIELD PH-3
PH FIELD	MW36R		7.43		19971021	PH UNITS	490	AS3165-99		FDPHQUAD01	FIELD	FIELD PH-2
PURGE DATE (YY/MM/DD)	MW36R		97-10-21		19971021	YY/MM/DD	490	AS3165-99		FDWPURINFO	FIELD	PURGE DATE
SPECIFIC CONDUCTANCE FIELD	MW36R		3110		19971021	UMHOS/CM	490	AS3165-99		FDSPCOND04	FIELD	SP COND-1
SPECIFIC CONDUCTANCE FIELD	MW36R		3100		19971021	UMHOS/CM	490	AS3165-99		FDSPCOND04	FIELD	SP COND-3
SPECIFIC CONDUCTANCE FIELD	MW36R		3110		19971021	UMHOS/CM	490	AS3165-99		FDSPCOND04	FIELD	SP COND-2

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
WASTE MANAGEMENT OF OHIO-VICKERY
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
CHLOROETHANE	MW36R	ND	0.6	10	19980415	UG/L	490	AT5618-F1		VOMSAAD303	624/8260	75003
CHLOROFORM	MW36R	ND	0.4	5	19980415	UG/L	490	AT5618-F1		VOMSAAD303	624/8260	67663
CHLOROMETHANE	MW36R	ND	0.4	10	19980415	UG/L	490	AT5618-F1		VOMSAAD303	624/8260	74873
CHROMIUM-DISSOLVED	MW36R	ND	4	10	19980415	UG/L	490	AT5618-D0		INICPDISCR	200.7/6010	CRD
CHROMIUM-TOTAL	MW36R	TR	4	10	19980415	UG/L	490	AT5618-B0		INICPTOTCR	200.7/6010	CRT
CIS-1,2-DICHLOROETHENE	MW36R	ND	0.4	10	19980415	UG/L	490	AT5618-F1		VOMSAAD303	624/8260	156592
CIS-1,3-DICHLOROPROPENE	MW36R	ND	0.6	5	19980415	UG/L	490	AT5618-F1		VOMSAAD303	624/8260	10061015
DIBROMOCHLOROMETHANE	MW36R	ND	0.3	5	19980415	UG/L	490	AT5618-F1		VOMSAAD303	624/8260	124481
DICHLORODIFLUOROMETHANE	MW36R	ND	0.6	10	19980415	UG/L	490	AT5618-F1		VOMSAAD303	624/8260	75718
ETHANOL	MW36R	ND	71	100	19980415	UG/L	490	AT5618-F1		VOMSAAD303	624/8260	64175
ETHYLBENZENE	MW36R	ND	0.3	5	19980415	UG/L	490	AT5618-F1		VOMSAAD303	624/8260	100414
LEAD-DISSOLVED	MW36R	ND	0.9	5	19980415	UG/L	490	AT5618-C0		INGFAADIPB	239.2/7421	PBD
LEAD-TOTAL	MW36R	ND	0.9	5	19980415	UG/L	490	AT5618-B0		INGFAATOPB	239.2/7421	PBT
METHYLENE CHLORIDE	MW36R	ND	0.3	5	19980415	UG/L	490	AT5618-F1		VOMSAAD303	624/8260	75092
NICKEL-DISSOLVED	MW36R	ND	19	40	19980415	UG/L	490	AT5618-D0		INICPDISNI	200.7/6010	NID
NICKEL-TOTAL	MW36R	ND	19	40	19980415	UG/L	490	AT5618-B0		INICPTOTNI	200.7/6010	NIT
PHENOLS	MW36R	ND	0.005	0.005	19980415	MG/L	490	AT5618-A0		CRPNLRMN01	420.2/9066	SN32730LRM
TETRACHLOROETHENE	MW36R	ND	0.3	5	19980415	UG/L	490	AT5618-F1		VOMSAAD303	624/8260	127184
TOLUENE	MW36R	ND	0.7	5	19980415	UG/L	490	AT5618-F1		VOMSAAD303	624/8260	108883
TRANS-1,2-DICHLOROETHENE	MW36R	ND	0.3	10	19980415	UG/L	490	AT5618-F1		VOMSAAD303	624/8260	156605
TRANS-1,3-DICHLOROPROPENE	MW36R	ND	0.3	5	19980415	UG/L	490	AT5618-F1		VOMSAAD303	624/8260	10061026
TRICHLOROETHENE	MW36R	ND	0.4	4	19980415	UG/L	490	AT5618-F1		VOMSAAD303	624/8260	79016
TRICHLOROFLUOROMETHANE	MW36R	ND	0.8	10	19980415	UG/L	490	AT5618-F1		VOMSAAD303	624/8260	75694
VINYL CHLORIDE	MW36R	ND	0.5	2	19980415	UG/L	490	AT5618-F1		VOMSAAD303	624/8260	75014
ZINC-DISSOLVED	MW36R	ND	10	20	19980415	UG/L	490	AT5618-D0		INICPDISZN	200.7/6010	ZND
ZINC-TOTAL	MW36R	ND	10	20	19980415	UG/L	490	AT5618-B0		INICPTOTZN	200.7/6010	ZNT
ACTUAL VOLUME PURGED	MW36R		19		19980415	GALLONS	490	AT5618-99		FDWPURINFO	FIELD	VOL PURGD
DEPTH TO WATER (TOC)	MW36R		27.9		19980415	FT	490	AT5618-99		FDWDTWTC01	FIELD	DTW-TC
ELAPSED HOURS	MW36R		0.5		19980415	HRS	490	AT5618-99		FDWPURINFO	FIELD	ELAPSE HRS
GROUNDWATER ELEV.	MW36R		585		19980415	FT MSL	490	AT5618-99		FDWGWELWDT	FIELD	GW ELEV.
PH FIELD	MW36R		7.2		19980415	PH UNITS	490	AT5618-99		FDPHQUAD01	FIELD	FIELD PH-1
PH FIELD	MW36R		7.21		19980415	PH UNITS	490	AT5618-99		FDPHQUAD01	FIELD	FIELD PH-2

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
BROMOFORM	MW37R	ND	0.2	5	19971020	UG/L	490	AS3164-G1		VOMSAAO332	624/8260	75252
BROMOMETHANE	MW37R	ND	1	10	19971020	UG/L	490	AS3164-G1		VOMSAAO332	624/8260	74839
CADMIUM-DISSOLVED	MW37R	TR	1.3	4.9	19971020	UG/L	490	AS3164-D0		INTJADISCD	200.7/6010	CDD
CADMIUM-TOTAL	MW37R	ND	0.7	4.9	19971020	UG/L	490	AS3164-B0		INTJATOTCD	200.7/6010	CDT
CARBON TETRACHLORIDE	MW37R	ND	0.4	5	19971020	UG/L	490	AS3164-G1		VOMSAAO332	624/8260	56235
CHLOROBENZENE	MW37R	ND	0.3	5	19971020	UG/L	490	AS3164-G1		VOMSAAO332	624/8260	108907
CHLOROETHANE	MW37R	ND	0.6	10	19971020	UG/L	490	AS3164-G1		VOMSAAO332	624/8260	75003
CHLOROFORM	MW37R	ND	0.4	5	19971020	UG/L	490	AS3164-G1		VOMSAAO332	624/8260	67663
CHLOROMETHANE	MW37R	ND	0.4	10	19971020	UG/L	490	AS3164-G1		VOMSAAO332	624/8260	74873
CHROMIUM-DISSOLVED	MW37R	ND	4	10	19971020	UG/L	490	AS3164-D0		INICPDISCR	200.7/6010	CRD
CHROMIUM-TOTAL	MW37R	ND	4	10	19971020	UG/L	490	AS3164-B0		INICPTOTCR	200.7/6010	CRT
CIS-1,2-DICHLOROETHENE	MW37R	ND	0.4	10	19971020	UG/L	490	AS3164-G1		VOMSAAO332	624/8260	156592
CIS-1,3-DICHLOROPROPENE	MW37R	ND	0.4	5	19971020	UG/L	490	AS3164-G1		VOMSAAO332	624/8260	10061015
DIBROMOCHLOROMETHANE	MW37R	ND	0.3	5	19971020	UG/L	490	AS3164-G1		VOMSAAO332	624/8260	124481
DICHLORODIFLUOROMETHANE	MW37R	ND	0.6	10	19971020	UG/L	490	AS3164-G1		VOMSAAO332	624/8260	75718
ETHANOL	MW37R	ND	8	100	19971020	UG/L	490	AS3164-H1		VOMSDAX114	603	64175
ETHYLBENZENE	MW37R	ND	0.3	5	19971020	UG/L	490	AS3164-G1		VOMSAAO332	624/8260	100414
LEAD-DISSOLVED	MW37R	ND	0.9	5	19971020	UG/L	490	AS3164-C0		INGFAADIPB	239.2/7421	PBD
LEAD-TOTAL	MW37R	ND	0.9	5	19971020	UG/L	490	AS3164-B0		INGFAATOPB	239.2/7421	PBT
METHYLENE CHLORIDE	MW37R	ND	0.3	5	19971020	UG/L	490	AS3164-G1		VOMSAAO332	624/8260	75092
NICKEL-DISSOLVED	MW37R	ND	19	40	19971020	UG/L	490	AS3164-D0		INICPDISNI	200.7/6010	NID
NICKEL-TOTAL	MW37R	ND	19	40	19971020	UG/L	490	AS3164-B0		INICPTOTNI	200.7/6010	NIT
PHENOLS	MW37R	ND	0.005	0.005	19971020	MG/L	490	AS3164-A0		CRPNLRMN01	420.2/9066	SN32730LRM
TETRACHLOROETHENE	MW37R	ND	0.3	5	19971020	UG/L	490	AS3164-G1		VOMSAAO332	624/8260	127184
TOLUENE	MW37R	ND	0.5	5	19971020	UG/L	490	AS3164-G1		VOMSAAO332	624/8260	108883
TRANS-1,2-DICHLOROETHENE	MW37R	ND	0.3	10	19971020	UG/L	490	AS3164-G1		VOMSAAO332	624/8260	156605
TRANS-1,3-DICHLOROPROPENE	MW37R	ND	0.3	5	19971020	UG/L	490	AS3164-G1		VOMSAAO332	624/8260	10061026
TRICHLOROETHENE	MW37R	ND	0.4	4	19971020	UG/L	490	AS3164-G1		VOMSAAO332	624/8260	79016
TRICHLOROFLUOROMETHANE	MW37R	ND	0.8	10	19971020	UG/L	490	AS3164-G1		VOMSAAO332	624/8260	75694
VINYL CHLORIDE	MW37R	ND	0.5	2	19971020	UG/L	490	AS3164-G1		VOMSAAO332	624/8260	75014
ZINC-DISSOLVED	MW37R	ND	10	20	19971020	UG/L	490	AS3164-D0		INICPDISZN	200.7/6010	ZND
ZINC-TOTAL	MW37R	ND	10	20	19971020	UG/L	490	AS3164-B0		INICPTOTZN	200.7/6010	ZNT

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
WASTE MANAGEMENT OF OHIO-VICKERY
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
AROCLOR 1254	MW37R	ND	0.09	0.5	19980413	UG/L	490	AT5616-E0		SVGC1PAB01	8082	11097691
AROCLOR 1260	MW37R	ND	0.1	0.5	19980413	UG/L	490	AT5616-E0		SVGC1PAB01	8082	11096825
ARSENIC-DISSOLVED	MW37R	ND	0.7	10	19980413	UG/L	490	AT5616-C0		INGFAADIAS	206.2/7060	ASD
ARSENIC-TOTAL	MW37R	ND	0.7	10	19980413	UG/L	490	AT5616-B0		INGFAATOAS	206.2/7060	AST
BENZENE	MW37R	ND	0.4	4	19980413	UG/L	490	AT5616-F1		VOMSAAD303	624/8260	71432
BROMODICHLOROMETHANE	MW37R	ND	0.3	5	19980413	UG/L	490	AT5616-F1		VOMSAAD303	624/8260	75274
BROMOFORM	MW37R	ND	0.2	5	19980413	UG/L	490	AT5616-F1		VOMSAAD303	624/8260	75252
BROMOMETHANE	MW37R	ND	1	10	19980413	UG/L	490	AT5616-F1		VOMSAAD303	624/8260	74839
CADMIUM-DISSOLVED	MW37R	ND	0.7	4.9	19980413	UG/L	490	AT5616-D0		INTJADISCD	200.7/6010	CDD
CADMIUM-TOTAL	MW37R	ND	0.7	4.9	19980413	UG/L	490	AT5616-B0		INTJATOTCD	200.7/6010	CDT
CARBON TETRACHLORIDE	MW37R	ND	0.4	5	19980413	UG/L	490	AT5616-F1		VOMSAAD303	624/8260	56235
CHLOROBENZENE	MW37R	ND	0.4	5	19980413	UG/L	490	AT5616-F1		VOMSAAD303	624/8260	108907
CHLOROETHANE	MW37R	ND	0.6	10	19980413	UG/L	490	AT5616-F1		VOMSAAD303	624/8260	75003
CHLOROFORM	MW37R	ND	0.4	5	19980413	UG/L	490	AT5616-F1		VOMSAAD303	624/8260	67663
CHLOROMETHANE	MW37R	ND	0.4	10	19980413	UG/L	490	AT5616-F1		VOMSAAD303	624/8260	74873
CHROMIUM-DISSOLVED	MW37R	ND	4	10	19980413	UG/L	490	AT5616-D0		INICPDISCR	200.7/6010	CRD
CHROMIUM-TOTAL	MW37R	ND	4	10	19980413	UG/L	490	AT5616-B0		INICPTOTCR	200.7/6010	CRT
CIS-1,2-DICHLOROETHENE	MW37R	ND	0.4	10	19980413	UG/L	490	AT5616-F1		VOMSAAD303	624/8260	156592
CIS-1,3-DICHLOROPROPENE	MW37R	ND	0.6	5	19980413	UG/L	490	AT5616-F1		VOMSAAD303	624/8260	10061015
DIBROMOCHLOROMETHANE	MW37R	ND	0.3	5	19980413	UG/L	490	AT5616-F1		VOMSAAD303	624/8260	124481
DICHLORODIFLUOROMETHANE	MW37R	ND	0.6	10	19980413	UG/L	490	AT5616-F1		VOMSAAD303	624/8260	75718
ETHANOL	MW37R	ND	71	100	19980413	UG/L	490	AT5616-F1		VOMSAAD303	624/8260	64175
ETHYLBENZENE	MW37R	ND	0.3	5	19980413	UG/L	490	AT5616-F1		VOMSAAD303	624/8260	100414
LEAD-DISSOLVED	MW37R	ND	0.9	5	19980413	UG/L	490	AT5616-C0		INGFAADIPB	239.2/7421	PBD
LEAD-TOTAL	MW37R	ND	0.9	5	19980413	UG/L	490	AT5616-B0		INGFAATOPB	239.2/7421	PBT
METHYLENE CHLORIDE	MW37R	ND	0.3	5	19980413	UG/L	490	AT5616-F1		VOMSAAD303	624/8260	75092
NICKEL-DISSOLVED	MW37R	ND	19	40	19980413	UG/L	490	AT5616-D0		INICPDISNI	200.7/6010	NID
NICKEL-TOTAL	MW37R	ND	19	40	19980413	UG/L	490	AT5616-B0		INICPTOTNI	200.7/6010	NIT
PHENOLS	MW37R	ND	0.005	0.005	19980413	MG/L	490	AT5616-A0		CRPNLRMN01	420.2/9066	SN32730LRM
TETRACHLOROETHENE	MW37R	ND	0.3	5	19980413	UG/L	490	AT5616-F1		VOMSAAD303	624/8260	127184
TOLUENE	MW37R	ND	0.7	5	19980413	UG/L	490	AT5616-F1		VOMSAAD303	624/8260	108883
TRANS-1,2-DICHLOROETHENE	MW37R	ND	0.3	10	19980413	UG/L	490	AT5616-F1		VOMSAAD303	624/8260	156605

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
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Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
2-BUTANONE	TBK1	ND	8	50	19971021	UG/L	490	AS3170-G1		VOMSAAO332	624/8260	78933
AROCLOR 1016	TBK1	ND	0.07	0.5	19971021	UG/L	490	AS3170-E0		SVGC1PCB01	608/8080	12674112
AROCLOR 1221	TBK1	ND	0.4	0.5	19971021	UG/L	490	AS3170-E0		SVGC1PCB01	608/8080	11104282
AROCLOR 1232	TBK1	ND	0.1	0.5	19971021	UG/L	490	AS3170-E0		SVGC1PCB01	608/8080	11141165
AROCLOR 1242	TBK1	ND	0.06	0.5	19971021	UG/L	490	AS3170-E0		SVGC1PCB01	608/8080	53469219
AROCLOR 1248	TBK1	ND	0.08	0.5	19971021	UG/L	490	AS3170-E0		SVGC1PCB01	608/8080	12672296
AROCLOR 1254	TBK1	ND	0.04	0.5	19971021	UG/L	490	AS3170-E0		SVGC1PCB01	608/8080	11097691
AROCLOR 1260	TBK1	ND	0.03	0.5	19971021	UG/L	490	AS3170-E0		SVGC1PCB01	608/8080	11096825
ARSENIC-DISSOLVED	TBK1	ND	0.7	10	19971021	UG/L	490	AS3170-C0		INGFAADIAS	206.2/7060	ASD
ARSENIC-TOTAL	TBK1	ND	0.7	10	19971021	UG/L	490	AS3170-B0		INGFAATOAS	206.2/7060	AST
BENZENE	TBK1	ND	0.4	4	19971021	UG/L	490	AS3170-G1		VOMSAAO332	624/8260	71432
BROMODICHLOROMETHANE	TBK1	ND	0.3	5	19971021	UG/L	490	AS3170-G1		VOMSAAO332	624/8260	75274
BROMOFORM	TBK1	ND	0.2	5	19971021	UG/L	490	AS3170-G1		VOMSAAO332	624/8260	75252
BROMOMETHANE	TBK1	ND	1	10	19971021	UG/L	490	AS3170-G1		VOMSAAO332	624/8260	74839
CADMIUM-DISSOLVED	TBK1	ND	0.7	4.9	19971021	UG/L	490	AS3170-D0		INTJADISCD	200.7/6010	CDD
CADMIUM-TOTAL	TBK1	ND	0.7	4.9	19971021	UG/L	490	AS3170-B0		INTJATOTCD	200.7/6010	CDT
CARBON TETRACHLORIDE	TBK1	ND	0.4	5	19971021	UG/L	490	AS3170-G1		VOMSAAO332	624/8260	56235
CHLOROBENZENE	TBK1	ND	0.3	5	19971021	UG/L	490	AS3170-G1		VOMSAAO332	624/8260	108907
CHLOROETHANE	TBK1	ND	0.6	10	19971021	UG/L	490	AS3170-G1		VOMSAAO332	624/8260	75003
CHLOROFORM	TBK1	ND	0.4	5	19971021	UG/L	490	AS3170-G1		VOMSAAO332	624/8260	67663
CHLOROMETHANE	TBK1	ND	0.4	10	19971021	UG/L	490	AS3170-G1		VOMSAAO332	624/8260	74873
CHROMIUM-DISSOLVED	TBK1	ND	4	10	19971021	UG/L	490	AS3170-D0		INICPDISCR	200.7/6010	CRD
CHROMIUM-TOTAL	TBK1	ND	4	10	19971021	UG/L	490	AS3170-B0		INICPTOTCR	200.7/6010	CRT
CIS-1,2-DICHLOROETHENE	TBK1	ND	0.4	10	19971021	UG/L	490	AS3170-G1		VOMSAAO332	624/8260	156592
CIS-1,3-DICHLOROPROPENE	TBK1	ND	0.4	5	19971021	UG/L	490	AS3170-G1		VOMSAAO332	624/8260	10061015
DIBROMOCHLOROMETHANE	TBK1	ND	0.3	5	19971021	UG/L	490	AS3170-G1		VOMSAAO332	624/8260	124481
DICHLORODIFLUOROMETHANE	TBK1	ND	0.6	10	19971021	UG/L	490	AS3170-G1		VOMSAAO332	624/8260	75718
ETHANOL	TBK1	ND	8	100	19971021	UG/L	490	AS3170-H1		VOMSDAX114	603	64175
ETHYLBENZENE	TBK1	ND	0.3	5	19971021	UG/L	490	AS3170-G1		VOMSAAO332	624/8260	100414
LEAD-DISSOLVED	TBK1	ND	0.9	5	19971021	UG/L	490	AS3170-C0		INGFAADIPB	239.2/7421	PBD
LEAD-TOTAL	TBK1	ND	0.9	5	19971021	UG/L	490	AS3170-B0		INGFAATOPB	239.2/7421	PBT
METHANOL	TBK1	TR	99	100	19971021	UG/L	490	AS3170-F1		VOGCIAN101	N/A	67561

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
1,1-DICHLOROETHANE	TBK1	ND	0.3	5	19980415	UG/L	490	AT5621-F1		VOMSAAD303	624/8260	75343
1,1-DICHLOROETHENE	TBK1	ND	0.5	5	19980415	UG/L	490	AT5621-F1		VOMSAAD303	624/8260	75354
1,2-DICHLOROBENZENE	TBK1	ND	0.4	10	19980415	UG/L	490	AT5621-F1		VOMSAAD303	624/8260	95501
1,2-DICHLOROETHANE	TBK1	ND	0.3	4	19980415	UG/L	490	AT5621-F1		VOMSAAD303	624/8260	107062
1,2-DICHLOROPROPANE	TBK1	ND	0.6	5	19980415	UG/L	490	AT5621-F1		VOMSAAD303	624/8260	78875
1,3-DICHLOROBENZENE	TBK1	ND	0.3	10	19980415	UG/L	490	AT5621-F1		VOMSAAD303	624/8260	541731
1,4-DICHLOROBENZENE	TBK1	ND	0.5	10	19980415	UG/L	490	AT5621-F1		VOMSAAD303	624/8260	106467
2-BUTANONE	TBK1	ND	9	50	19980415	UG/L	490	AT5621-F1		VOMSAAD303	624/8260	78933
AROCLOR 1016	TBK1	ND	0.1	0.5	19980415	UG/L	490	AT5621-E0		SVGC1PAB01	8082	12674112
AROCLOR 1221	TBK1	ND	0.4	0.5	19980415	UG/L	490	AT5621-E0		SVGC1PAB01	8082	11104282
AROCLOR 1232	TBK1	ND	0.2	0.5	19980415	UG/L	490	AT5621-E0		SVGC1PAB01	8082	11141165
AROCLOR 1242	TBK1	ND	0.2	0.5	19980415	UG/L	490	AT5621-E0		SVGC1PAB01	8082	53469219
AROCLOR 1248	TBK1	ND	0.2	0.5	19980415	UG/L	490	AT5621-E0		SVGC1PAB01	8082	12672296
AROCLOR 1254	TBK1	ND	0.09	0.5	19980415	UG/L	490	AT5621-E0		SVGC1PAB01	8082	11097691
AROCLOR 1260	TBK1	ND	0.1	0.5	19980415	UG/L	490	AT5621-E0		SVGC1PAB01	8082	11096825
ARSENIC-DISSOLVED	TBK1	ND	0.7	10	19980415	UG/L	490	AT5621-C0		INGFAADIAS	206.2/7060	ASD
ARSENIC-TOTAL	TBK1	ND	0.7	10	19980415	UG/L	490	AT5621-B0		INGFAATOAS	206.2/7060	AST
BENZENE	TBK1	ND	0.4	4	19980415	UG/L	490	AT5621-F1		VOMSAAD303	624/8260	71432
BROMODICHLOROMETHANE	TBK1	ND	0.3	5	19980415	UG/L	490	AT5621-F1		VOMSAAD303	624/8260	75274
BROMOFORM	TBK1	ND	0.2	5	19980415	UG/L	490	AT5621-F1		VOMSAAD303	624/8260	75252
BROMOMETHANE	TBK1	ND	1	10	19980415	UG/L	490	AT5621-F1		VOMSAAD303	624/8260	74839
CADMIUM-DISSOLVED	TBK1	ND	0.7	4.9	19980415	UG/L	490	AT5621-D0		INTJADISCD	200.7/6010	CDD
CADMIUM-TOTAL	TBK1	ND	0.7	4.9	19980415	UG/L	490	AT5621-B0		INTJATOTCD	200.7/6010	CDT
CARBON TETRACHLORIDE	TBK1	ND	0.4	5	19980415	UG/L	490	AT5621-F1		VOMSAAD303	624/8260	56235
CHLOROBENZENE	TBK1	ND	0.4	5	19980415	UG/L	490	AT5621-F1		VOMSAAD303	624/8260	108907
CHLOROETHANE	TBK1	ND	0.6	10	19980415	UG/L	490	AT5621-F1		VOMSAAD303	624/8260	75003
CHLOROFORM	TBK1	ND	0.4	5	19980415	UG/L	490	AT5621-F1		VOMSAAD303	624/8260	67663
CHLOROMETHANE	TBK1	ND	0.4	10	19980415	UG/L	490	AT5621-F1		VOMSAAD303	624/8260	74873
CHROMIUM-DISSOLVED	TBK1	ND	4	10	19980415	UG/L	490	AT5621-D0		INICPDISCR	200.7/6010	CRD
CHROMIUM-TOTAL	TBK1	ND	4	10	19980415	UG/L	490	AT5621-B0		INICPTOTCR	200.7/6010	CRT
CIS-1,2-DICHLOROETHENE	TBK1	ND	0.4	10	19980415	UG/L	490	AT5621-F1		VOMSAAD303	624/8260	156592
CIS-1,3-DICHLOROPROPENE	TBK1	ND	0.6	5	19980415	UG/L	490	AT5621-F1		VOMSAAD303	624/8260	10061015

APPENDIX F
OCTOBER 1997 AND APRIL 1998 GROUNDWATER DATA
(MW14R, MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN, G-DRAIN,DUP1,02FBB,02FBD,EBFDFT)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
WATER TEMP. IN DEG. CELSIUS	TBK1		NA		19980415	DEGREES C	490	AT5621-99		FDXTEMPC01	FIELD	FTEMP DEGC
WELL DEPTH TOTAL	TBK1		NA		19980415	FT	490	AT5621-99		FDWGWELWDT	FIELD	WDEPTH TOT

Notes:
1. All analyses were performed by Quanterra Laboratory.
2. Depth to water (toc) = Depth to water from top of casing.
3. Field sdate = sample collection date.

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
Lead	MW14R	Wa	ND	5	10/20/98	ug/L	490	1	SA	7421	7421	7439921
Ethylbenzene	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	100414
cis-1,3-Dichloropropene	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	10061015
trans-1,3-Dichloropropene	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	10061026
1,4-Dichlorobenzene	MW14R		ND	10	10/20/98	ug/L	490	1	SA	8260A	8260A	106467
1,2-Dichloroethane	MW14R		ND	4	10/20/98	ug/L	490	1	SA	8260A	8260A	107062
Toluene	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	108883
Chlorobenzene	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	108907
2-Chloroethyl vinyl ether	MW14R		ND	20	10/20/98	ug/L	490	1	SA	8260A	8260A	110758
Dibromochloromethane	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	124481
Tetrachloroethene	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	127184
cis-1,2-Dichloroethene	MW14R		ND	10	10/20/98	ug/L	490	1	SA	8260A	8260A	156592
trans-1,2-Dichloroethene	MW14R		ND	10	10/20/98	ug/L	490	1	SA	8260A	8260A	156605
1,3-Dichlorobenzene	MW14R		ND	10	10/20/98	ug/L	490	1	SA	8260A	8260A	541731
Carbon tetrachloride	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	56235
Ethanol	MW14R		ND	100	10/20/98	ug/L	490	1	SA	8260A	8260A	64175
Chloroform	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	67663
Benzene	MW14R		ND	4	10/20/98	ug/L	490	1	SA	8260A	8260A	71432
1,1,1-Trichloroethane	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	71556
Bromomethane	MW14R		ND	10	10/20/98	ug/L	490	1	SA	8260A	8260A	74839
Chloromethane	MW14R		ND	10	10/20/98	ug/L	490	1	SA	8260A	8260A	74873
Chloroethane	MW14R		ND	10	10/20/98	ug/L	490	1	SA	8260A	8260A	75003
Vinyl chloride	MW14R		ND	2	10/20/98	ug/L	490	1	SA	8260A	8260A	75014
Methylene chloride	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	75092
Bromoform	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	75252
Bromodichloromethane	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	75274
1,1-Dichloroethane	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	75343
1,1-Dichloroethene	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	75354
Trichlorofluoromethane	MW14R		ND	10	10/20/98	ug/L	490	1	SA	8260A	8260A	75694
Dichlorodifluoromethane	MW14R		ND	10	10/20/98	ug/L	490	1	SA	8260A	8260A	75718
1,2-Dichloropropane	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	78875
2-Butanone (MEK)	MW14R		ND	50	10/20/98	ug/L	490	1	SA	8260A	8260A	78933
1,1,2-Trichloroethane	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	79005

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detection Flag	Result Text	Report Limit	Field Sample Date	Units	Project Code	Field Sample ID	Sample Type	Lab Analytical Method	EPA Method	Lab Analytical ID
cis-1,2-Dichloroethene	DUP1		ND	10	10/20/98	ug/L	490	3	FD	8260A	8260A	156592
trans-1,2-Dichloroethene	DUP1		ND	10	10/20/98	ug/L	490	3	FD	8260A	8260A	156605
1,3-Dichlorobenzene	DUP1		ND	10	10/20/98	ug/L	490	3	FD	8260A	8260A	541731
Carbon tetrachloride	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	56235
Ethanol	DUP1		ND	100	10/20/98	ug/L	490	3	FD	8260A	8260A	64175
Chloroform	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	67663
Benzene	DUP1		ND	4	10/20/98	ug/L	490	3	FD	8260A	8260A	71432
1,1,1-Trichloroethane	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	71556
Bromomethane	DUP1		ND	10	10/20/98	ug/L	490	3	FD	8260A	8260A	74839
Chloromethane	DUP1		ND	10	10/20/98	ug/L	490	3	FD	8260A	8260A	74873
Chloroethane	DUP1		ND	10	10/20/98	ug/L	490	3	FD	8260A	8260A	75003
Vinyl chloride	DUP1		ND	2	10/20/98	ug/L	490	3	FD	8260A	8260A	75014
Methylene chloride	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	75092
Bromoform	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	75252
Bromodichloromethane	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	75274
1,1-Dichloroethane	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	75343
1,1-Dichloroethene	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	75354
Trichlorofluoromethane	DUP1		ND	10	10/20/98	ug/L	490	3	FD	8260A	8260A	75694
Dichlorodifluoromethane	DUP1		ND	10	10/20/98	ug/L	490	3	FD	8260A	8260A	75718
1,2-Dichloropropane	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	78875
2-Butanone (MEK)	DUP1		ND	50	10/20/98	ug/L	490	3	FD	8260A	8260A	78933
1,1,2-Trichloroethane	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	79005
Trichloroethene	DUP1		ND	4	10/20/98	ug/L	490	3	FD	8260A	8260A	79016
1,1,2,2-Tetrachloroethane	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	79345
1,2-Dichlorobenzene	DUP1		ND	10	10/20/98	ug/L	490	3	FD	8260A	8260A	95501
Arsenic	DUP1	Wa	ND	10	10/20/98	ug/L	490	3	FD	7060A	7060A	7440382
Aroclor 1260	DUP1		ND	0.5	10/20/98	ug/L	490	3	FD	8082	8082	11096825
Aroclor 1254	DUP1		ND	0.5	10/20/98	ug/L	490	3	FD	8082	8082	11097691
Aroclor 1221	DUP1		ND	0.5	10/20/98	ug/L	490	3	FD	8082	8082	11104282
Aroclor 1232	DUP1		ND	0.5	10/20/98	ug/L	490	3	FD	8082	8082	11141165
Aroclor 1248	DUP1		ND	0.5	10/20/98	ug/L	490	3	FD	8082	8082	12672296
Aroclor 1016	DUP1		ND	0.5	10/20/98	ug/L	490	3	FD	8082	8082	12674112
Aroclor 1242	DUP1		ND	0.5	10/20/98	ug/L	490	3	FD	8082	8082	53469219

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Vinyl chloride	MW36R		ND	2	10/20/98	ug/L	490	5	SA	8260A	8260A	75014
Methylene chloride	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	75092
Bromoform	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	75252
Bromodichloromethane	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	75274
1,1-Dichloroethane	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	75343
1,1-Dichloroethene	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	75354
Trichlorofluoromethane	MW36R		ND	10	10/20/98	ug/L	490	5	SA	8260A	8260A	75694
Dichlorodifluoromethane	MW36R		ND	10	10/20/98	ug/L	490	5	SA	8260A	8260A	75718
1,2-Dichloropropane	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	78875
2-Butanone (MEK)	MW36R		ND	50	10/20/98	ug/L	490	5	SA	8260A	8260A	78933
1,1,2-Trichloroethane	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	79005
Trichloroethene	MW36R		ND	4	10/20/98	ug/L	490	5	SA	8260A	8260A	79016
1,1,2,2-Tetrachloroethane	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	79345
1,2-Dichlorobenzene	MW36R		ND	10	10/20/98	ug/L	490	5	SA	8260A	8260A	95501
Arsenic	MW36R	Wa	ND	10	10/20/98	ug/L	490	5	SA	7060A	7060A	7440382
Aroclor 1260	MW36R		ND	0.5	10/20/98	ug/L	490	5	SA	8082	8082	11096825
Aroclor 1254	MW36R		ND	0.5	10/20/98	ug/L	490	5	SA	8082	8082	11097691
Aroclor 1221	MW36R		ND	0.5	10/20/98	ug/L	490	5	SA	8082	8082	11104282
Aroclor 1232	MW36R		ND	0.5	10/20/98	ug/L	490	5	SA	8082	8082	11141165
Aroclor 1248	MW36R		ND	0.5	10/20/98	ug/L	490	5	SA	8082	8082	12672296
Aroclor 1016	MW36R		ND	0.5	10/20/98	ug/L	490	5	SA	8082	8082	12674112
Aroclor 1242	MW36R		ND	0.5	10/20/98	ug/L	490	5	SA	8082	8082	53469219
Nickel	MW36R		ND	40	10/20/98	ug/L	490	5	SA	6010B	6010B	7440020
Cadmium	MW36R		ND	4.9	10/20/98	ug/L	490	5	SA	6010B	6010B	7440439
Chromium	MW36R		ND	10	10/20/98	ug/L	490	5	SA	6010B	6010B	7440473
Zinc	MW36R		ND	20	10/20/98	ug/L	490	5	SA	6010B	6010B	7440666
Total Phenols	MW36R	MSF	ND	0.005	10/20/98	mg/L	490	5	SA	420.1	420.1	Q541
Lead	MW36R	Wa	ND	5	10/20/98	ug/L	490	6	SA	7421	7421	7439921
Arsenic	MW36R	Wa	ND	10	10/20/98	ug/L	490	6	SA	7060A	7060A	7440382
Nickel	MW36R		ND	40	10/20/98	ug/L	490	6	SA	6010B	6010B	7440020
Cadmium	MW36R		ND	4.9	10/20/98	ug/L	490	6	SA	6010B	6010B	7440439
Chromium	MW36R		ND	10	10/20/98	ug/L	490	6	SA	6010B	6010B	7440473
Zinc	MW36R		ND	20	10/20/98	ug/L	490	6	SA	6010B	6010B	7440666

APPENDIX F

OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA

(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)

WASTE MANAGEMENT OF OHIO-VICKERY

PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sample Date	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
Trichloroethene	02FBD		ND	4	10/20/98	ug/L	490	7	FB	8260A	8260A	79016
1,1,2,2-Tetrachloroethane	02FBD		ND	5	10/20/98	ug/L	490	7	FB	8260A	8260A	79345
1,2-Dichlorobenzene	02FBD		ND	10	10/20/98	ug/L	490	7	FB	8260A	8260A	95501
Arsenic	02FBD		ND	10	10/20/98	ug/L	490	7	FB	7060A	7060A	7440382
Aroclor 1260	02FBD		ND	0.5	10/20/98	ug/L	490	7	FB	8082	8082	11096825
Aroclor 1254	02FBD		ND	0.5	10/20/98	ug/L	490	7	FB	8082	8082	11097691
Aroclor 1221	02FBD		ND	0.5	10/20/98	ug/L	490	7	FB	8082	8082	11104282
Aroclor 1232	02FBD		ND	0.5	10/20/98	ug/L	490	7	FB	8082	8082	11141165
Aroclor 1248	02FBD		ND	0.5	10/20/98	ug/L	490	7	FB	8082	8082	12672296
Aroclor 1016	02FBD		ND	0.5	10/20/98	ug/L	490	7	FB	8082	8082	12674112
Aroclor 1242	02FBD		ND	0.5	10/20/98	ug/L	490	7	FB	8082	8082	53469219
Nickel	02FBD		ND	40	10/20/98	ug/L	490	7	FB	6010B	6010B	7440020
Cadmium	02FBD		ND	4.9	10/20/98	ug/L	490	7	FB	6010B	6010B	7440439
Chromium	02FBD		ND	10	10/20/98	ug/L	490	7	FB	6010B	6010B	7440473
Zinc	02FBD		ND	20	10/20/98	ug/L	490	7	FB	6010B	6010B	7440666
Total Phenols	02FBD	MSF	ND	0.005	10/20/98	mg/L	490	7	FB	420.1	420.1	Q541
Lead	02FBD		ND	5	10/20/98	ug/L	490	8	FB	7421	7421	7439921
Arsenic	02FBD		ND	10	10/20/98	ug/L	490	8	FB	7060A	7060A	7440382
Nickel	02FBD		ND	40	10/20/98	ug/L	490	8	FB	6010B	6010B	7440020
Cadmium	02FBD		ND	4.9	10/20/98	ug/L	490	8	FB	6010B	6010B	7440439
Chromium	02FBD		ND	10	10/20/98	ug/L	490	8	FB	6010B	6010B	7440473
Zinc	02FBD		ND	20	10/20/98	ug/L	490	8	FB	6010B	6010B	7440666
Lead	MW37R	Wa	ND	5	10/19/98	ug/L	490	9	SA	7421	7421	7439921
Ethylbenzene	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	100414
cis-1,3-Dichloropropene	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	10061015
trans-1,3-Dichloropropene	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	10061026
1,4-Dichlorobenzene	MW37R		ND	10	10/19/98	ug/L	490	9	SA	8260A	8260A	106467
1,2-Dichloroethane	MW37R		ND	4	10/19/98	ug/L	490	9	SA	8260A	8260A	107062
Toluene	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	108883
Chlorobenzene	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	108907
2-Chloroethyl vinyl ether	MW37R		ND	20	10/19/98	ug/L	490	9	SA	8260A	8260A	110758
Dibromochloromethane	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	124481
Tetrachloroethene	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	127184

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Reject Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
Nickel	MW37R		ND	40	10/19/98	ug/L	490	9	SA	6010B	6010B	7440020
Cadmium	MW37R		ND	4.9	10/19/98	ug/L	490	9	SA	6010B	6010B	7440439
Chromium	MW37R		ND	10	10/19/98	ug/L	490	9	SA	6010B	6010B	7440473
Zinc	MW37R		ND	20	10/19/98	ug/L	490	9	SA	6010B	6010B	7440666
Total Phenols	MW37R	MSF	ND	0.005	10/19/98	mg/L	490	9	SA	420.1	420.1	Q541
Lead	MW37R	Wa	ND	5	10/19/98	ug/L	490	10	SA	7421	7421	7439921
Arsenic	MW37R	Wa	ND	10	10/19/98	ug/L	490	10	SA	7060A	7060A	7440382
Nickel	MW37R		ND	40	10/19/98	ug/L	490	10	SA	6010B	6010B	7440020
Cadmium	MW37R		ND	4.9	10/19/98	ug/L	490	10	SA	6010B	6010B	7440439
Chromium	MW37R		ND	10	10/19/98	ug/L	490	10	SA	6010B	6010B	7440473
Zinc	MW37R		ND	20	10/19/98	ug/L	490	10	SA	6010B	6010B	7440666
Lead	02FBB		ND	5	10/19/98	ug/L	490	11	FB	7421	7421	7439921
Ethylbenzene	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	100414
cis-1,3-Dichloropropene	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	10061015
trans-1,3-Dichloropropene	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	10061026
1,4-Dichlorobenzene	02FBB		ND	10	10/19/98	ug/L	490	11	FB	8260A	8260A	106467
1,2-Dichloroethane	02FBB		ND	4	10/19/98	ug/L	490	11	FB	8260A	8260A	107062
Toluene	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	108883
Chlorobenzene	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	108907
2-Chloroethyl vinyl ether	02FBB		ND	20	10/19/98	ug/L	490	11	FB	8260A	8260A	110758
Dibromochloromethane	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	124481
Tetrachloroethene	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	127184
cis-1,2-Dichloroethene	02FBB		ND	10	10/19/98	ug/L	490	11	FB	8260A	8260A	156592
trans-1,2-Dichloroethene	02FBB		ND	10	10/19/98	ug/L	490	11	FB	8260A	8260A	156605
1,3-Dichlorobenzene	02FBB		ND	10	10/19/98	ug/L	490	11	FB	8260A	8260A	541731
Carbon tetrachloride	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	56235
Ethanol	02FBB		ND	100	10/19/98	ug/L	490	11	FB	8260A	8260A	64175
Chloroform	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	67663
Benzene	02FBB		ND	4	10/19/98	ug/L	490	11	FB	8260A	8260A	71432
1,1,1-Trichloroethane	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	71556
Bromomethane	02FBB		ND	10	10/19/98	ug/L	490	11	FB	8260A	8260A	74839
Chloromethane	02FBB		ND	10	10/19/98	ug/L	490	11	FB	8260A	8260A	74873
Chloroethane	02FBB		ND	10	10/19/98	ug/L	490	11	FB	8260A	8260A	75003

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Lead	MW24R	Wa	ND	5	10/19/98	ug/L	490	13	SA	7421	7421	7439921
Ethylbenzene	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	100414
cis-1,3-Dichloropropene	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	10061015
trans-1,3-Dichloropropene	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	10061026
1,4-Dichlorobenzene	MW24R		ND	10	10/19/98	ug/L	490	13	SA	8260A	8260A	106467
1,2-Dichloroethane	MW24R		ND	4	10/19/98	ug/L	490	13	SA	8260A	8260A	107062
Toluene	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	108883
Chlorobenzene	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	108907
2-Chloroethyl vinyl ether	MW24R		ND	20	10/19/98	ug/L	490	13	SA	8260A	8260A	110758
Dibromochloromethane	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	124481
Tetrachloroethene	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	127184
cis-1,2-Dichloroethene	MW24R		ND	10	10/19/98	ug/L	490	13	SA	8260A	8260A	156592
trans-1,2-Dichloroethene	MW24R		ND	10	10/19/98	ug/L	490	13	SA	8260A	8260A	156605
1,3-Dichlorobenzene	MW24R		ND	10	10/19/98	ug/L	490	13	SA	8260A	8260A	541731
Carbon tetrachloride	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	56235
Ethanol	MW24R		ND	100	10/19/98	ug/L	490	13	SA	8260A	8260A	64175
Chloroform	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	67663
Benzene	MW24R		ND	4	10/19/98	ug/L	490	13	SA	8260A	8260A	71432
1,1,1-Trichloroethane	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	71556
Bromomethane	MW24R		ND	10	10/19/98	ug/L	490	13	SA	8260A	8260A	74839
Chloromethane	MW24R		ND	10	10/19/98	ug/L	490	13	SA	8260A	8260A	74873
Chloroethane	MW24R		ND	10	10/19/98	ug/L	490	13	SA	8260A	8260A	75003
Vinyl chloride	MW24R		ND	2	10/19/98	ug/L	490	13	SA	8260A	8260A	75014
Methylene chloride	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	75092
Bromoform	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	75252
Bromodichloromethane	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	75274
1,1-Dichloroethane	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	75343
1,1-Dichloroethene	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	75354
Trichlorofluoromethane	MW24R		ND	10	10/19/98	ug/L	490	13	SA	8260A	8260A	75694
Dichlorodifluoromethane	MW24R		ND	10	10/19/98	ug/L	490	13	SA	8260A	8260A	75718
1,2-Dichloropropane	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	78875
2-Butanone (MEK)	MW24R		ND	50	10/19/98	ug/L	490	13	SA	8260A	8260A	78933
1,1,2-Trichloroethane	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	79005

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
cis-1,2-Dichloroethene	MW20R		ND	10	10/19/98	ug/L	490	15	SA	8260A	8260A	156592
trans-1,2-Dichloroethene	MW20R		ND	10	10/19/98	ug/L	490	15	SA	8260A	8260A	156605
1,3-Dichlorobenzene	MW20R		ND	10	10/19/98	ug/L	490	15	SA	8260A	8260A	541731
Carbon tetrachloride	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	56235
Ethanol	MW20R		ND	100	10/19/98	ug/L	490	15	SA	8260A	8260A	64175
Chloroform	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	67663
Benzene	MW20R		ND	4	10/19/98	ug/L	490	15	SA	8260A	8260A	71432
1,1,1-Trichloroethane	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	71556
Bromomethane	MW20R		ND	10	10/19/98	ug/L	490	15	SA	8260A	8260A	74839
Chloromethane	MW20R		ND	10	10/19/98	ug/L	490	15	SA	8260A	8260A	74873
Chloroethane	MW20R		ND	10	10/19/98	ug/L	490	15	SA	8260A	8260A	75003
Vinyl chloride	MW20R		ND	2	10/19/98	ug/L	490	15	SA	8260A	8260A	75014
Methylene chloride	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	75092
Bromoform	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	75252
Bromodichloromethane	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	75274
1,1-Dichloroethane	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	75343
1,1-Dichloroethene	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	75354
Trichlorofluoromethane	MW20R		ND	10	10/19/98	ug/L	490	15	SA	8260A	8260A	75694
Dichlorodifluoromethane	MW20R		ND	10	10/19/98	ug/L	490	15	SA	8260A	8260A	75718
1,2-Dichloropropane	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	78875
2-Butanone (MEK)	MW20R		ND	50	10/19/98	ug/L	490	15	SA	8260A	8260A	78933
1,1,2-Trichloroethane	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	79005
Trichloroethene	MW20R		ND	4	10/19/98	ug/L	490	15	SA	8260A	8260A	79016
1,1,2,2-Tetrachloroethane	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	79345
1,2-Dichlorobenzene	MW20R		ND	10	10/19/98	ug/L	490	15	SA	8260A	8260A	95501
Arsenic	MW20R	Wa	ND	10	10/19/98	ug/L	490	15	SA	7060A	7060A	7440382
Aroclor 1260	MW20R		ND	0.5	10/19/98	ug/L	490	15	SA	8082	8082	11096825
Aroclor 1254	MW20R		ND	0.5	10/19/98	ug/L	490	15	SA	8082	8082	11097691
Aroclor 1221	MW20R		ND	0.5	10/19/98	ug/L	490	15	SA	8082	8082	11104282
Aroclor 1232	MW20R		ND	0.5	10/19/98	ug/L	490	15	SA	8082	8082	11141165
Aroclor 1248	MW20R		ND	0.5	10/19/98	ug/L	490	15	SA	8082	8082	12672296
Aroclor 1016	MW20R		ND	0.5	10/19/98	ug/L	490	15	SA	8082	8082	12674112
Aroclor 1242	MW20R		ND	0.5	10/19/98	ug/L	490	15	SA	8082	8082	53469219

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detection Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Vinyl chloride	MW15R		ND	2	10/19/98	ug/L	490	17	SA	8260A	8260A	75014
Methylene chloride	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	75092
Bromoform	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	75252
Bromodichloromethane	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	75274
1,1-Dichloroethane	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	75343
1,1-Dichloroethene	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	75354
Trichlorofluoromethane	MW15R		ND	10	10/19/98	ug/L	490	17	SA	8260A	8260A	75694
Dichlorodifluoromethane	MW15R		ND	10	10/19/98	ug/L	490	17	SA	8260A	8260A	75718
1,2-Dichloropropane	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	78875
2-Butanone (MEK)	MW15R		ND	50	10/19/98	ug/L	490	17	SA	8260A	8260A	78933
1,1,2-Trichloroethane	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	79005
Trichloroethene	MW15R		ND	4	10/19/98	ug/L	490	17	SA	8260A	8260A	79016
1,1,2,2-Tetrachloroethane	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	79345
1,2-Dichlorobenzene	MW15R		ND	10	10/19/98	ug/L	490	17	SA	8260A	8260A	95501
Arsenic	MW15R	Wa	ND	10	10/19/98	ug/L	490	17	SA	7060A	7060A	7440382
Aroclor 1260	MW15R		ND	0.5	10/19/98	ug/L	490	17	SA	8082	8082	11096825
Aroclor 1254	MW15R		ND	0.5	10/19/98	ug/L	490	17	SA	8082	8082	11097691
Aroclor 1221	MW15R		ND	0.5	10/19/98	ug/L	490	17	SA	8082	8082	11104282
Aroclor 1232	MW15R		ND	0.5	10/19/98	ug/L	490	17	SA	8082	8082	11141165
Aroclor 1248	MW15R		ND	0.5	10/19/98	ug/L	490	17	SA	8082	8082	12672296
Aroclor 1016	MW15R		ND	0.5	10/19/98	ug/L	490	17	SA	8082	8082	12674112
Aroclor 1242	MW15R		ND	0.5	10/19/98	ug/L	490	17	SA	8082	8082	53469219
Nickel	MW15R		ND	40	10/19/98	ug/L	490	17	SA	6010B	6010B	7440020
Cadmium	MW15R		ND	4.9	10/19/98	ug/L	490	17	SA	6010B	6010B	7440439
Chromium	MW15R		ND	10	10/19/98	ug/L	490	17	SA	6010B	6010B	7440473
Zinc	MW15R		ND	20	10/19/98	ug/L	490	17	SA	6010B	6010B	7440666
Total Phenols	MW15R	MSF	ND	0.005	10/19/98	mg/L	490	17	SA	420.1	420.1	Q541
Lead	MW15R	Wa	ND	5	10/19/98	ug/L	490	18	SA	7421	7421	7439921
Arsenic	MW15R	Wa	ND	10	10/19/98	ug/L	490	18	SA	7060A	7060A	7440382
Nickel	MW15R		ND	40	10/19/98	ug/L	490	18	SA	6010B	6010B	7440020
Cadmium	MW15R		ND	4.9	10/19/98	ug/L	490	18	SA	6010B	6010B	7440439
Chromium	MW15R		ND	10	10/19/98	ug/L	490	18	SA	6010B	6010B	7440473
Zinc	MW15R		ND	20	10/19/98	ug/L	490	18	SA	6010B	6010B	7440666

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
Trichloroethene	MW16R		ND	4	10/20/98	ug/L	490	19	SA	8260A	8260A	79016
1,1,2,2-Tetrachloroethane	MW16R		ND	5	10/20/98	ug/L	490	19	SA	8260A	8260A	79345
1,2-Dichlorobenzene	MW16R		ND	10	10/20/98	ug/L	490	19	SA	8260A	8260A	95501
Arsenic	MW16R	Wa	ND	10	10/20/98	ug/L	490	19	SA	7060A	7060A	7440382
Aroclor 1260	MW16R		ND	0.5	10/20/98	ug/L	490	19	SA	8082	8082	11096825
Aroclor 1254	MW16R		ND	0.5	10/20/98	ug/L	490	19	SA	8082	8082	11097691
Aroclor 1221	MW16R		ND	0.5	10/20/98	ug/L	490	19	SA	8082	8082	11104282
Aroclor 1232	MW16R		ND	0.5	10/20/98	ug/L	490	19	SA	8082	8082	11141165
Aroclor 1248	MW16R		ND	0.5	10/20/98	ug/L	490	19	SA	8082	8082	12672296
Aroclor 1016	MW16R		ND	0.5	10/20/98	ug/L	490	19	SA	8082	8082	12674112
Aroclor 1242	MW16R		ND	0.5	10/20/98	ug/L	490	19	SA	8082	8082	53469219
Nickel	MW16R		ND	40	10/20/98	ug/L	490	19	SA	6010B	6010B	7440020
Cadmium	MW16R		ND	4.9	10/20/98	ug/L	490	19	SA	6010B	6010B	7440439
Chromium	MW16R		ND	10	10/20/98	ug/L	490	19	SA	6010B	6010B	7440473
Zinc	MW16R		ND	20	10/20/98	ug/L	490	19	SA	6010B	6010B	7440666
Total Phenols	MW16R	MSF	ND	0.005	10/20/98	mg/L	490	19	SA	420.1	420.1	Q541
Lead	MW16R	Wa	ND	5	10/20/98	ug/L	490	20	SA	7421	7421	7439921
Arsenic	MW16R	Wa	ND	10	10/20/98	ug/L	490	20	SA	7060A	7060A	7440382
Nickel	MW16R		ND	40	10/20/98	ug/L	490	20	SA	6010B	6010B	7440020
Cadmium	MW16R		ND	4.9	10/20/98	ug/L	490	20	SA	6010B	6010B	7440439
Chromium	MW16R		ND	10	10/20/98	ug/L	490	20	SA	6010B	6010B	7440473
Zinc	MW16R		ND	20	10/20/98	ug/L	490	20	SA	6010B	6010B	7440666
Lead	MW30R	Wa	ND	5	10/20/98	ug/L	490	21	SA	7421	7421	7439921
Ethylbenzene	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	100414
cis-1,3-Dichloropropene	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	10061015
trans-1,3-Dichloropropene	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	10061026
1,4-Dichlorobenzene	MW30R		ND	10	10/20/98	ug/L	490	21	SA	8260A	8260A	106467
1,2-Dichloroethane	MW30R		ND	4	10/20/98	ug/L	490	21	SA	8260A	8260A	107062
Toluene	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	108883
Chlorobenzene	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	108907
2-Chloroethyl vinyl ether	MW30R		ND	20	10/20/98	ug/L	490	21	SA	8260A	8260A	110758
Dibromochloromethane	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	124481
Tetrachloroethene	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	127184

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Nickel	MW30R		ND	40	10/20/98	ug/L	490	21	SA	6010B	6010B	7440020
Cadmium	MW30R		ND	4.9	10/20/98	ug/L	490	21	SA	6010B	6010B	7440439
Chromium	MW30R		ND	10	10/20/98	ug/L	490	21	SA	6010B	6010B	7440473
Zinc	MW30R		ND	20	10/20/98	ug/L	490	21	SA	6010B	6010B	7440666
Total Phenols	MW30R	MSF	ND	0.005	10/20/98	mg/L	490	21	SA	420.1	420.1	Q541
Lead	MW30R	Wa	ND	5	10/20/98	ug/L	490	22	SA	7421	7421	7439921
Arsenic	MW30R	Wa	ND	10	10/20/98	ug/L	490	22	SA	7060A	7060A	7440382
Nickel	MW30R		ND	40	10/20/98	ug/L	490	22	SA	6010B	6010B	7440020
Cadmium	MW30R		ND	4.9	10/20/98	ug/L	490	22	SA	6010B	6010B	7440439
Chromium	MW30R		ND	10	10/20/98	ug/L	490	22	SA	6010B	6010B	7440473
Zinc	MW30R		ND	20	10/20/98	ug/L	490	22	SA	6010B	6010B	7440666
Lead	TBK1		ND	5	10/20/98	ug/L	490	23	TB	7421	7421	7439921
Ethylbenzene	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	100414
cis-1,3-Dichloropropene	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	10061015
trans-1,3-Dichloropropene	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	10061026
1,4-Dichlorobenzene	TBK1		ND	10	10/20/98	ug/L	490	23	TB	8260A	8260A	106467
1,2-Dichloroethane	TBK1		ND	4	10/20/98	ug/L	490	23	TB	8260A	8260A	107062
Toluene	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	108883
Chlorobenzene	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	108907
2-Chloroethyl vinyl ether	TBK1		ND	20	10/20/98	ug/L	490	23	TB	8260A	8260A	110758
Dibromochloromethane	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	124481
Tetrachloroethene	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	127184
cis-1,2-Dichloroethene	TBK1		ND	10	10/20/98	ug/L	490	23	TB	8260A	8260A	156592
trans-1,2-Dichloroethene	TBK1		ND	10	10/20/98	ug/L	490	23	TB	8260A	8260A	156605
1,3-Dichlorobenzene	TBK1		ND	10	10/20/98	ug/L	490	23	TB	8260A	8260A	541731
Carbon tetrachloride	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	56235
Ethanol	TBK1		ND	100	10/20/98	ug/L	490	23	TB	8260A	8260A	64175
Chloroform	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	67663
Benzene	TBK1		ND	4	10/20/98	ug/L	490	23	TB	8260A	8260A	71432
1,1,1-Trichloroethane	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	71556
Bromomethane	TBK1		ND	10	10/20/98	ug/L	490	23	TB	8260A	8260A	74839
Chloromethane	TBK1		ND	10	10/20/98	ug/L	490	23	TB	8260A	8260A	74873
Chloroethane	TBK1		ND	10	10/20/98	ug/L	490	23	TB	8260A	8260A	75003

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
Aroclor 1260	BLANK		ND	0.5		ug/L	490			8082	8082	11096825
Aroclor 1254	BLANK		ND	0.5		ug/L	490			8082	8082	11097691
Aroclor 1221	BLANK		ND	0.5		ug/L	490			8082	8082	11104282
Aroclor 1232	BLANK		ND	0.5		ug/L	490			8082	8082	11141165
Aroclor 1248	BLANK		ND	0.5		ug/L	490			8082	8082	12672296
Aroclor 1016	BLANK		ND	0.5		ug/L	490			8082	8082	12674112
Aroclor 1242	BLANK		ND	0.5		ug/L	490			8082	8082	53469219
Total Phenols	DRAIN		ND	0.02	10/21/98	mg/L	490	1	SA	420.2	420.2	Q541
Lead	DRAIN	Wa	ND	5	10/21/98	ug/L	490	1	SA	7421	7421	7439921
Ethylbenzene	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	100414
cis-1,3-Dichloropropene	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	10061015
trans-1,3-Dichloropropene	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	10061026
1,4-Dichlorobenzene	DRAIN		ND	10	10/21/98	ug/L	490	1	SA	8260A	8260A	106467
1,2-Dichloroethane	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	107062
Toluene	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	108883
Chlorobenzene	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	108907
2-Chloroethyl vinyl ether	DRAIN		ND	20	10/21/98	ug/L	490	1	SA	8260A	8260A	110758
Dibromochloromethane	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	124481
Tetrachloroethene	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	127184
cis-1,2-Dichloroethene	DRAIN		ND	10	10/21/98	ug/L	490	1	SA	8260A	8260A	156592
trans-1,2-Dichloroethene	DRAIN		ND	10	10/21/98	ug/L	490	1	SA	8260A	8260A	156605
1,3-Dichlorobenzene	DRAIN		ND	10	10/21/98	ug/L	490	1	SA	8260A	8260A	541731
Carbon tetrachloride	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	56235
Ethanol	DRAIN		ND	100	10/21/98	ug/L	490	1	SA	8260A	8260A	64175
Chloroform	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	67663
Benzene	DRAIN		ND	4	10/21/98	ug/L	490	1	SA	8260A	8260A	71432
1,1,1-Trichloroethane	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	71556
Bromomethane	DRAIN		ND	10	10/21/98	ug/L	490	1	SA	8260A	8260A	74839
Chloromethane	DRAIN		ND	10	10/21/98	ug/L	490	1	SA	8260A	8260A	74873
Chloroethane	DRAIN		ND	10	10/21/98	ug/L	490	1	SA	8260A	8260A	75003
Vinyl chloride	DRAIN		ND	2	10/21/98	ug/L	490	1	SA	8260A	8260A	75014
Methylene chloride	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	75092
Bromoform	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	75252

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Aroclor 1232	MW37R		ND	0.5	4/12/99	ug/L	490	1	SA	8082	8082	11141165
Aroclor 1248	MW37R		ND	0.5	4/12/99	ug/L	490	1	SA	8082	8082	12672296
Aroclor 1016	MW37R		ND	0.5	4/12/99	ug/L	490	1	SA	8082	8082	12674112
Aroclor 1242	MW37R		ND	0.5	4/12/99	ug/L	490	1	SA	8082	8082	53469219
Ethylbenzene	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	100414
cis-1,3-Dichloropropene	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	10061015
trans-1,3-Dichloropropene	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	10061026
1,4-Dichlorobenzene	MW37R		ND	10	4/12/99	ug/L	490	1	SA	8260B	8260B	106467
1,2-Dichloroethane	MW37R		ND	4	4/12/99	ug/L	490	1	SA	8260B	8260B	107062
Toluene	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	108883
Chlorobenzene	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	108907
2-Chloroethyl vinyl ether	MW37R		ND	20	4/12/99	ug/L	490	1	SA	8260B	8260B	110758
Dibromochloromethane	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	124481
Tetrachloroethene	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	127184
cis-1,2-Dichloroethene	MW37R		ND	10	4/12/99	ug/L	490	1	SA	8260B	8260B	156592
trans-1,2-Dichloroethene	MW37R		ND	10	4/12/99	ug/L	490	1	SA	8260B	8260B	156605
1,3-Dichlorobenzene	MW37R		ND	10	4/12/99	ug/L	490	1	SA	8260B	8260B	541731
Carbon tetrachloride	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	56235
Ethanol	MW37R		ND	100	4/12/99	ug/L	490	1	SA	8260B	8260B	64175
Chloroform	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	67663
Benzene	MW37R		ND	4	4/12/99	ug/L	490	1	SA	8260B	8260B	71432
1,1,1-Trichloroethane	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	71556
Bromomethane	MW37R		ND	10	4/12/99	ug/L	490	1	SA	8260B	8260B	74839
Chloromethane	MW37R		ND	10	4/12/99	ug/L	490	1	SA	8260B	8260B	74873
Chloroethane	MW37R		ND	10	4/12/99	ug/L	490	1	SA	8260B	8260B	75003
Vinyl chloride	MW37R		ND	2	4/12/99	ug/L	490	1	SA	8260B	8260B	75014
Methylene chloride	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	75092
Bromoform	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	75252
Bromodichloromethane	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	75274
1,1-Dichloroethane	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	75343
1,1-Dichloroethene	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	75354
Dichlorofluoromethane	MW37R		ND	10	4/12/99	ug/L	490	1	SA	8260B	8260B	75434
Trichlorofluoromethane	MW37R		ND	10	4/12/99	ug/L	490	1	SA	8260B	8260B	75694

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Date	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
2-Chloroethyl vinyl ether	MW24R		ND	20	4/12/99	ug/L	490	2	SA	8260B	8260B	110758
Dibromochloromethane	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	124481
Tetrachloroethene	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	127184
cis-1,2-Dichloroethene	MW24R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	156592
trans-1,2-Dichloroethene	MW24R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	156605
1,3-Dichlorobenzene	MW24R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	541731
Carbon tetrachloride	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	56235
Ethanol	MW24R		ND	100	4/12/99	ug/L	490	2	SA	8260B	8260B	64175
Chloroform	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	67663
Benzene	MW24R		ND	4	4/12/99	ug/L	490	2	SA	8260B	8260B	71432
1,1,1-Trichloroethane	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	71556
Bromomethane	MW24R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	74839
Chloromethane	MW24R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	74873
Chloroethane	MW24R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	75003
Vinyl chloride	MW24R		ND	2	4/12/99	ug/L	490	2	SA	8260B	8260B	75014
Methylene chloride	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	75092
Bromoform	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	75252
Bromodichloromethane	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	75274
1,1-Dichloroethane	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	75343
1,1-Dichloroethene	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	75354
Dichlorofluoromethane	MW24R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	75434
Trichlorofluoromethane	MW24R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	75694
1,2-Dichloropropane	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	78875
2-Butanone (MEK)	MW24R		ND	50	4/12/99	ug/L	490	2	SA	8260B	8260B	78933
1,1,2-Trichloroethane	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	79005
Trichloroethene	MW24R		ND	4	4/12/99	ug/L	490	2	SA	8260B	8260B	79016
1,1,2,2-Tetrachloroethane	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	79345
1,2-Dichlorobenzene	MW24R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	95501
Lead	MW24R		ND	5	4/12/99	ug/L	490	2	SA	6010B	6010B	7439921
Arsenic	MW24R		ND	10	4/12/99	ug/L	490	2	SA	6010B	6010B	7440382
Cadmium	MW24R		ND	4.9	4/12/99	ug/L	490	2	SA	6010B	6010B	7440439
Lead	MW24R		ND	5	4/12/99	ug/L	490	2	SA	6010B	6010B	7439921
Arsenic	MW24R		ND	10	4/12/99	ug/L	490	2	SA	6010B	6010B	7440382

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Date	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
Bromomethane	MW20R		ND	10	4/12/99	ug/L	490	3	SA	8260B	8260B	74839
Chloromethane	MW20R		ND	10	4/12/99	ug/L	490	3	SA	8260B	8260B	74873
Chloroethane	MW20R		ND	10	4/12/99	ug/L	490	3	SA	8260B	8260B	75003
Vinyl chloride	MW20R		ND	2	4/12/99	ug/L	490	3	SA	8260B	8260B	75014
Methylene chloride	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	75092
Bromoform	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	75252
Bromodichloromethane	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	75274
1,1-Dichloroethane	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	75343
1,1-Dichloroethene	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	75354
Dichlorofluoromethane	MW20R		ND	10	4/12/99	ug/L	490	3	SA	8260B	8260B	75434
Trichlorofluoromethane	MW20R		ND	10	4/12/99	ug/L	490	3	SA	8260B	8260B	75694
1,2-Dichloropropane	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	78875
2-Butanone (MEK)	MW20R		ND	50	4/12/99	ug/L	490	3	SA	8260B	8260B	78933
1,1,2-Trichloroethane	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	79005
Trichloroethene	MW20R		ND	4	4/12/99	ug/L	490	3	SA	8260B	8260B	79016
1,1,2,2-Tetrachloroethane	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	79345
1,2-Dichlorobenzene	MW20R		ND	10	4/12/99	ug/L	490	3	SA	8260B	8260B	95501
Lead	MW20R		ND	5	4/12/99	ug/L	490	3	SA	6010B	6010B	7439921
Arsenic	MW20R		ND	10	4/12/99	ug/L	490	3	SA	6010B	6010B	7440382
Cadmium	MW20R		ND	4.9	4/12/99	ug/L	490	3	SA	6010B	6010B	7440439
Lead	MW20R		ND	5	4/12/99	ug/L	490	3	SA	6010B	6010B	7439921
Arsenic	MW20R		ND	10	4/12/99	ug/L	490	3	SA	6010B	6010B	7440382
Nickel	MW20R		ND	40	4/12/99	ug/L	490	3	SA	6010B	6010B	7440020
Chromium	MW20R		ND	10	4/12/99	ug/L	490	3	SA	6010B	6010B	7440473
Zinc	MW20R		ND	20	4/12/99	ug/L	490	3	SA	6010B	6010B	7440666
Nickel	MW20R		ND	40	4/12/99	ug/L	490	3	SA	6010B	6010B	7440020
Cadmium	MW20R		ND	4.9	4/12/99	ug/L	490	3	SA	6010B	6010B	7440439
Chromium	MW20R		ND	10	4/12/99	ug/L	490	3	SA	6010B	6010B	7440473
Zinc	MW20R		ND	20	4/12/99	ug/L	490	3	SA	6010B	6010B	7440666
Total Phenols	MW30R		ND	0.013	4/12/99	mg/L	490	4	SA	420.2	420.2	Q541
Aroclor 1260	MW30R		ND	0.5	4/12/99	ug/L	490	4	SA	8082	8082	11096825
Aroclor 1254	MW30R		ND	0.5	4/12/99	ug/L	490	4	SA	8082	8082	11097691
Aroclor 1221	MW30R		ND	0.5	4/12/99	ug/L	490	4	SA	8082	8082	11104282

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Date	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
1,2-Dichloropropane	MW30R		ND	5	4/12/99	ug/L	490	4	SA	8260B	8260B	78875
2-Butanone (MEK)	MW30R		ND	50	4/12/99	ug/L	490	4	SA	8260B	8260B	78933
1,1,2-Trichloroethane	MW30R		ND	5	4/12/99	ug/L	490	4	SA	8260B	8260B	79005
Trichloroethene	MW30R		ND	4	4/12/99	ug/L	490	4	SA	8260B	8260B	79016
1,1,2,2-Tetrachloroethane	MW30R		ND	5	4/12/99	ug/L	490	4	SA	8260B	8260B	79345
1,2-Dichlorobenzene	MW30R		ND	10	4/12/99	ug/L	490	4	SA	8260B	8260B	95501
Lead	MW30R		ND	5	4/12/99	ug/L	490	4	SA	6010B	6010B	7439921
Arsenic	MW30R		ND	10	4/12/99	ug/L	490	4	SA	6010B	6010B	7440382
Cadmium	MW30R		ND	4.9	4/12/99	ug/L	490	4	SA	6010B	6010B	7440439
Lead	MW30R		ND	5	4/12/99	ug/L	490	4	SA	6010B	6010B	7439921
Arsenic	MW30R		10.2	10	4/12/99	ug/L	490	4	SA	6010B	6010B	7440382
Nickel	MW30R		ND	40	4/12/99	ug/L	490	4	SA	6010B	6010B	7440020
Chromium	MW30R		ND	10	4/12/99	ug/L	490	4	SA	6010B	6010B	7440473
Zinc	MW30R		ND	20	4/12/99	ug/L	490	4	SA	6010B	6010B	7440666
Nickel	MW30R		ND	40	4/12/99	ug/L	490	4	SA	6010B	6010B	7440020
Cadmium	MW30R		ND	4.9	4/12/99	ug/L	490	4	SA	6010B	6010B	7440439
Chromium	MW30R		ND	10	4/12/99	ug/L	490	4	SA	6010B	6010B	7440473
Zinc	MW30R		ND	20	4/12/99	ug/L	490	4	SA	6010B	6010B	7440666
Total Phenols	02FBB		ND	0.013	4/12/99	mg/L	490	1	FB	420.2	420.2	Q541
Aroclor 1260	02FBB		ND	0.5	4/12/99	ug/L	490	1	FB	8082	8082	11096825
Aroclor 1254	02FBB		ND	0.5	4/12/99	ug/L	490	1	FB	8082	8082	11097691
Aroclor 1221	02FBB		ND	0.5	4/12/99	ug/L	490	1	FB	8082	8082	11104282
Aroclor 1232	02FBB		ND	0.5	4/12/99	ug/L	490	1	FB	8082	8082	11141165
Aroclor 1248	02FBB		ND	0.5	4/12/99	ug/L	490	1	FB	8082	8082	12672296
Aroclor 1016	02FBB		ND	0.5	4/12/99	ug/L	490	1	FB	8082	8082	12674112
Aroclor 1242	02FBB		ND	0.5	4/12/99	ug/L	490	1	FB	8082	8082	53469219
Ethylbenzene	02FBB		ND	5	4/12/99	ug/L	490	1	FB	8260B	8260B	100414
cis-1,3-Dichloropropene	02FBB		ND	5	4/12/99	ug/L	490	1	FB	8260B	8260B	10061015
trans-1,3-Dichloropropene	02FBB		ND	5	4/12/99	ug/L	490	1	FB	8260B	8260B	10061026
1,4-Dichlorobenzene	02FBB		ND	10	4/12/99	ug/L	490	1	FB	8260B	8260B	106467
1,2-Dichloroethane	02FBB		ND	4	4/12/99	ug/L	490	1	FB	8260B	8260B	107062
Toluene	02FBB		ND	5	4/12/99	ug/L	490	1	FB	8260B	8260B	108883
Chlorobenzene	02FBB		ND	5	4/12/99	ug/L	490	1	FB	8260B	8260B	108907

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Nickel	02FBB		ND	40	4/12/99	ug/L	490	1	FB	6010B	6010B	7440020
Cadmium	02FBB		ND	4.9	4/12/99	ug/L	490	1	FB	6010B	6010B	7440439
Chromium	02FBB		ND	10	4/12/99	ug/L	490	1	FB	6010B	6010B	7440473
Zinc	02FBB		ND	20	4/12/99	ug/L	490	1	FB	6010B	6010B	7440666
Nickel	02FBB		ND	40	4/12/99	ug/L	490	1	FB	6010B	6010B	7440020
Chromium	02FBB		ND	10	4/12/99	ug/L	490	1	FB	6010B	6010B	7440473
Zinc	02FBB		ND	20	4/12/99	ug/L	490	1	FB	6010B	6010B	7440666
Total Phenols	MW14R		ND	0.013	4/12/99	mg/L	490	2	SA	420.2	420.2	Q541
Aroclor 1260	MW14R		ND	0.5	4/12/99	ug/L	490	2	SA	8082	8082	11096825
Aroclor 1254	MW14R		ND	0.5	4/12/99	ug/L	490	2	SA	8082	8082	11097691
Aroclor 1221	MW14R		ND	0.5	4/12/99	ug/L	490	2	SA	8082	8082	11104282
Aroclor 1232	MW14R		ND	0.5	4/12/99	ug/L	490	2	SA	8082	8082	11141165
Aroclor 1248	MW14R		ND	0.5	4/12/99	ug/L	490	2	SA	8082	8082	12672296
Aroclor 1016	MW14R		ND	0.5	4/12/99	ug/L	490	2	SA	8082	8082	12674112
Aroclor 1242	MW14R		ND	0.5	4/12/99	ug/L	490	2	SA	8082	8082	53469219
Ethylbenzene	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	100414
cis-1,3-Dichloropropene	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	10061015
trans-1,3-Dichloropropene	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	10061026
1,4-Dichlorobenzene	MW14R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	106467
1,2-Dichloroethane	MW14R		ND	4	4/12/99	ug/L	490	2	SA	8260B	8260B	107062
Toluene	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	108883
Chlorobenzene	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	108907
2-Chloroethyl vinyl ether	MW14R		ND	20	4/12/99	ug/L	490	2	SA	8260B	8260B	110758
Dibromochloromethane	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	124481
Tetrachloroethene	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	127184
cis-1,2-Dichloroethene	MW14R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	156592
trans-1,2-Dichloroethene	MW14R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	156605
1,3-Dichlorobenzene	MW14R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	541731
Carbon tetrachloride	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	56235
Ethanol	MW14R		ND	100	4/12/99	ug/L	490	2	SA	8260B	8260B	64175
Chloroform	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	67663
Benzene	MW14R		ND	4	4/12/99	ug/L	490	2	SA	8260B	8260B	71432
1,1,1-Trichloroethane	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	71556

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
Aroclor 1232	02FBD		ND	0.5	4/13/99	ug/L	490	4	FB	8082	8082	11141165
Aroclor 1248	02FBD		ND	0.5	4/13/99	ug/L	490	4	FB	8082	8082	12672296
Aroclor 1016	02FBD		ND	0.5	4/13/99	ug/L	490	4	FB	8082	8082	12674112
Aroclor 1242	02FBD		ND	0.5	4/13/99	ug/L	490	4	FB	8082	8082	53469219
Ethylbenzene	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	100414
cis-1,3-Dichloropropene	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	10061015
trans-1,3-Dichloropropene	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	10061026
1,4-Dichlorobenzene	02FBD		ND	10	4/13/99	ug/L	490	4	FB	8260B	8260B	106467
1,2-Dichloroethane	02FBD		ND	4	4/13/99	ug/L	490	4	FB	8260B	8260B	107062
Toluene	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	108883
Chlorobenzene	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	108907
2-Chloroethyl vinyl ether	02FBD		ND	20	4/13/99	ug/L	490	4	FB	8260B	8260B	110758
Dibromochloromethane	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	124481
Tetrachloroethene	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	127184
cis-1,2-Dichloroethene	02FBD		ND	10	4/13/99	ug/L	490	4	FB	8260B	8260B	156592
trans-1,2-Dichloroethene	02FBD		ND	10	4/13/99	ug/L	490	4	FB	8260B	8260B	156605
1,3-Dichlorobenzene	02FBD		ND	10	4/13/99	ug/L	490	4	FB	8260B	8260B	541731
Carbon tetrachloride	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	56235
Ethanol	02FBD		ND	100	4/13/99	ug/L	490	4	FB	8260B	8260B	64175
Chloroform	02FBD		12	5	4/13/99	ug/L	490	4	FB	8260B	8260B	67663
Benzene	02FBD		ND	4	4/13/99	ug/L	490	4	FB	8260B	8260B	71432
1,1,1-Trichloroethane	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	71556
Bromomethane	02FBD		ND	10	4/13/99	ug/L	490	4	FB	8260B	8260B	74839
Chloromethane	02FBD		ND	10	4/13/99	ug/L	490	4	FB	8260B	8260B	74873
Chloroethane	02FBD		ND	10	4/13/99	ug/L	490	4	FB	8260B	8260B	75003
Vinyl chloride	02FBD		ND	2	4/13/99	ug/L	490	4	FB	8260B	8260B	75014
Methylene chloride	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	75092
Bromoform	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	75252
Bromodichloromethane	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	75274
1,1-Dichloroethane	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	75343
1,1-Dichloroethene	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	75354
Dichlorofluoromethane	02FBD		ND	10	4/13/99	ug/L	490	4	FB	8260B	8260B	75434
Trichlorofluoromethane	02FBD		ND	10	4/13/99	ug/L	490	4	FB	8260B	8260B	75694

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detection Flag	Result Text	Report Limit	Field Date	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analysis ID
2-Chloroethyl vinyl ether	MW15R		ND	20	4/13/99	ug/L	490	5	SA	8260B	8260B	110758
Dibromochloromethane	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	124481
Tetrachloroethene	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	127184
cis-1,2-Dichloroethene	MW15R		ND	10	4/13/99	ug/L	490	5	SA	8260B	8260B	156592
trans-1,2-Dichloroethene	MW15R		ND	10	4/13/99	ug/L	490	5	SA	8260B	8260B	156605
1,3-Dichlorobenzene	MW15R		ND	10	4/13/99	ug/L	490	5	SA	8260B	8260B	541731
Carbon tetrachloride	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	56235
Ethanol	MW15R		ND	100	4/13/99	ug/L	490	5	SA	8260B	8260B	64175
Chloroform	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	67663
Benzene	MW15R		ND	4	4/13/99	ug/L	490	5	SA	8260B	8260B	71432
1,1,1-Trichloroethane	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	71556
Bromomethane	MW15R		ND	10	4/13/99	ug/L	490	5	SA	8260B	8260B	74839
Chloromethane	MW15R		ND	10	4/13/99	ug/L	490	5	SA	8260B	8260B	74873
Chloroethane	MW15R		ND	10	4/13/99	ug/L	490	5	SA	8260B	8260B	75003
Vinyl chloride	MW15R		ND	2	4/13/99	ug/L	490	5	SA	8260B	8260B	75014
Methylene chloride	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	75092
Bromoform	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	75252
Bromodichloromethane	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	75274
1,1-Dichloroethane	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	75343
1,1-Dichloroethene	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	75354
Dichlorofluoromethane	MW15R		ND	10	4/13/99	ug/L	490	5	SA	8260B	8260B	75434
Trichlorofluoromethane	MW15R		ND	10	4/13/99	ug/L	490	5	SA	8260B	8260B	75694
1,2-Dichloropropane	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	78875
2-Butanone (MEK)	MW15R		ND	50	4/13/99	ug/L	490	5	SA	8260B	8260B	78933
1,1,2-Trichloroethane	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	79005
Trichloroethene	MW15R		ND	4	4/13/99	ug/L	490	5	SA	8260B	8260B	79016
1,1,2,2-Tetrachloroethane	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	79345
1,2-Dichlorobenzene	MW15R		ND	10	4/13/99	ug/L	490	5	SA	8260B	8260B	95501
Lead	MW15R		ND	5	4/13/99	ug/L	490	5	SA	6010B	6010B	7439921
Arsenic	MW15R		ND	10	4/13/99	ug/L	490	5	SA	6010B	6010B	7440382
Lead	MW15R		ND	5	4/13/99	ug/L	490	5	SA	6010B	6010B	7439921
Arsenic	MW15R		ND	10	4/13/99	ug/L	490	5	SA	6010B	6010B	7440382
Cadmium	MW15R		ND	4.9	4/13/99	ug/L	490	5	SA	6010B	6010B	7440439

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Bromomethane	MW36R		ND	10	4/13/99	ug/L	490	7	SA	8260B	8260B	74839
Chloromethane	MW36R		ND	10	4/13/99	ug/L	490	7	SA	8260B	8260B	74873
Chloroethane	MW36R		ND	10	4/13/99	ug/L	490	7	SA	8260B	8260B	75003
Vinyl chloride	MW36R		ND	2	4/13/99	ug/L	490	7	SA	8260B	8260B	75014
Methylene chloride	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	75092
Bromoform	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	75252
Bromodichloromethane	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	75274
1,1-Dichloroethane	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	75343
1,1-Dichloroethene	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	75354
Dichlorofluoromethane	MW36R		ND	10	4/13/99	ug/L	490	7	SA	8260B	8260B	75434
Trichlorofluoromethane	MW36R		ND	10	4/13/99	ug/L	490	7	SA	8260B	8260B	75694
1,2-Dichloropropane	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	78875
2-Butanone (MEK)	MW36R		ND	50	4/13/99	ug/L	490	7	SA	8260B	8260B	78933
1,1,2-Trichloroethane	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	79005
Trichloroethene	MW36R		ND	4	4/13/99	ug/L	490	7	SA	8260B	8260B	79016
1,1,2,2-Tetrachloroethane	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	79345
1,2-Dichlorobenzene	MW36R		ND	10	4/13/99	ug/L	490	7	SA	8260B	8260B	95501
Lead	MW36R		ND	5	4/13/99	ug/L	490	7	SA	6010B	6010B	7439921
Arsenic	MW36R		ND	10	4/13/99	ug/L	490	7	SA	6010B	6010B	7440382
Lead	MW36R		ND	5	4/13/99	ug/L	490	7	SA	6010B	6010B	7439921
Arsenic	MW36R		ND	10	4/13/99	ug/L	490	7	SA	6010B	6010B	7440382
Cadmium	MW36R		ND	4.9	4/13/99	ug/L	490	7	SA	6010B	6010B	7440439
Nickel	MW36R		ND	40	4/13/99	ug/L	490	7	SA	6010B	6010B	7440020
Cadmium	MW36R		ND	4.9	4/13/99	ug/L	490	7	SA	6010B	6010B	7440439
Chromium	MW36R		ND	10	4/13/99	ug/L	490	7	SA	6010B	6010B	7440473
Zinc	MW36R		ND	20	4/13/99	ug/L	490	7	SA	6010B	6010B	7440666
Nickel	MW36R		ND	40	4/13/99	ug/L	490	7	SA	6010B	6010B	7440020
Chromium	MW36R		ND	10	4/13/99	ug/L	490	7	SA	6010B	6010B	7440473
Zinc	MW36R		ND	20	4/13/99	ug/L	490	7	SA	6010B	6010B	7440666
Total Phenols	DUP1		ND	0.013	4/13/99	mg/L	490	8	FD	420.2	420.2	Q541
Aroclor 1260	DUP1		ND	0.5	4/13/99	ug/L	490	8	FD	8082	8082	11096825
Aroclor 1254	DUP1		ND	0.5	4/13/99	ug/L	490	8	FD	8082	8082	11097691
Aroclor 1221	DUP1		ND	0.5	4/13/99	ug/L	490	8	FD	8082	8082	11104282

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
1,2-Dichloropropane	DUP1		ND	5	4/13/99	ug/L	490	8	FD	8260B	8260B	78875
2-Butanone (MEK)	DUP1		ND	50	4/13/99	ug/L	490	8	FD	8260B	8260B	78933
1,1,2-Trichloroethane	DUP1		ND	5	4/13/99	ug/L	490	8	FD	8260B	8260B	79005
Trichloroethene	DUP1		ND	4	4/13/99	ug/L	490	8	FD	8260B	8260B	79016
1,1,2,2-Tetrachloroethane	DUP1		ND	5	4/13/99	ug/L	490	8	FD	8260B	8260B	79345
1,2-Dichlorobenzene	DUP1		ND	10	4/13/99	ug/L	490	8	FD	8260B	8260B	95501
Lead	DUP1		ND	5	4/13/99	ug/L	490	8	FD	6010B	6010B	7439921
Arsenic	DUP1		ND	10	4/13/99	ug/L	490	8	FD	6010B	6010B	7440382
Lead	DUP1		ND	5	4/13/99	ug/L	490	8	FD	6010B	6010B	7439921
Arsenic	DUP1		ND	10	4/13/99	ug/L	490	8	FD	6010B	6010B	7440382
Cadmium	DUP1		ND	4.9	4/13/99	ug/L	490	8	FD	6010B	6010B	7440439
Nickel	DUP1		ND	40	4/13/99	ug/L	490	8	FD	6010B	6010B	7440020
Cadmium	DUP1		ND	4.9	4/13/99	ug/L	490	8	FD	6010B	6010B	7440439
Chromium	DUP1		ND	10	4/13/99	ug/L	490	8	FD	6010B	6010B	7440473
Zinc	DUP1		ND	20	4/13/99	ug/L	490	8	FD	6010B	6010B	7440666
Nickel	DUP1		ND	40	4/13/99	ug/L	490	8	FD	6010B	6010B	7440020
Chromium	DUP1		ND	10	4/13/99	ug/L	490	8	FD	6010B	6010B	7440473
Zinc	DUP1		ND	20	4/13/99	ug/L	490	8	FD	6010B	6010B	7440666
Total Phenols	DRAIN		ND	0.013	4/13/99	mg/L	490	1	SA	420.2	420.2	Q541
Aroclor 1260	DRAIN		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	11096825
Aroclor 1254	DRAIN		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	11097691
Aroclor 1221	DRAIN		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	11104282
Aroclor 1232	DRAIN		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	11141165
Aroclor 1248	DRAIN		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	12672296
Aroclor 1016	DRAIN		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	12674112
Aroclor 1242	DRAIN		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	53469219
Ethylbenzene	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	100414
cis-1,3-Dichloropropene	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	10061015
trans-1,3-Dichloropropene	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	10061026
1,4-Dichlorobenzene	DRAIN		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	106467
1,2-Dichloroethane	DRAIN		ND	4	4/13/99	ug/L	490	1	SA	8260B	8260B	107062
Toluene	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	108883
Chlorobenzene	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	108907

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Cadmium	DRAIN		ND	4.9	4/13/99	ug/L	490	1	SA	6010B	6010B	7440439
Nickel	DRAIN		ND	40	4/13/99	ug/L	490	1	SA	6010B	6010B	7440020
Chromium	DRAIN		ND	10	4/13/99	ug/L	490	1	SA	6010B	6010B	7440473
Zinc	DRAIN		ND	20	4/13/99	ug/L	490	1	SA	6010B	6010B	7440666
Nickel	DRAIN		ND	40	4/13/99	ug/L	490	1	SA	6010B	6010B	7440020
Chromium	DRAIN		ND	10	4/13/99	ug/L	490	1	SA	6010B	6010B	7440473
Zinc	DRAIN		ND	20	4/13/99	ug/L	490	1	SA	6010B	6010B	7440666
Total Phenols	MW16R		ND	0.013	4/13/99	mg/L	490	1	SA	420.2	420.2	Q541
Aroclor 1260	MW16R		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	11096825
Aroclor 1254	MW16R		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	11097691
Aroclor 1221	MW16R		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	11104282
Aroclor 1232	MW16R		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	11141165
Aroclor 1248	MW16R		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	12672296
Aroclor 1016	MW16R		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	12674112
Aroclor 1242	MW16R		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	53469219
Ethylbenzene	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	100414
cis-1,3-Dichloropropene	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	10061015
trans-1,3-Dichloropropene	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	10061026
1,4-Dichlorobenzene	MW16R		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	106467
1,2-Dichloroethane	MW16R		ND	4	4/13/99	ug/L	490	1	SA	8260B	8260B	107062
Toluene	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	108883
Chlorobenzene	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	108907
2-Chloroethyl vinyl ether	MW16R		ND	20	4/13/99	ug/L	490	1	SA	8260B	8260B	110758
Dibromochloromethane	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	124481
Tetrachloroethene	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	127184
cis-1,2-Dichloroethene	MW16R		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	156592
trans-1,2-Dichloroethene	MW16R		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	156605
1,3-Dichlorobenzene	MW16R		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	541731
Carbon tetrachloride	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	56235
Ethanol	MW16R		ND	100	4/13/99	ug/L	490	1	SA	8260B	8260B	64175
Chloroform	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	67663
Benzene	MW16R		ND	4	4/13/99	ug/L	490	1	SA	8260B	8260B	71432
1,1,1-Trichloroethane	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	71556

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detection Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
Aroclor 1232	TBK1		ND	0.5	4/14/99	ug/L	490	2	TB	8082	8082	11141165
Aroclor 1248	TBK1		ND	0.5	4/14/99	ug/L	490	2	TB	8082	8082	12672296
Aroclor 1016	TBK1		ND	0.5	4/14/99	ug/L	490	2	TB	8082	8082	12674112
Aroclor 1242	TBK1		ND	0.5	4/14/99	ug/L	490	2	TB	8082	8082	53469219
Lead	TBK1		ND	5	4/14/99	ug/L	490	2	TB	6010B	6010B	7439921
Arsenic	TBK1		ND	10	4/14/99	ug/L	490	2	TB	6010B	6010B	7440382
Cadmium	TBK1		ND	4.9	4/14/99	ug/L	490	2	TB	6010B	6010B	7440439
Lead	TBK1		ND	5	4/14/99	ug/L	490	2	TB	6010B	6010B	7439921
Arsenic	TBK1		ND	10	4/14/99	ug/L	490	2	TB	6010B	6010B	7440382
Nickel	TBK1		ND	40	4/14/99	ug/L	490	2	TB	6010B	6010B	7440020
Chromium	TBK1		ND	10	4/14/99	ug/L	490	2	TB	6010B	6010B	7440473
Zinc	TBK1		ND	20	4/14/99	ug/L	490	2	TB	6010B	6010B	7440666
Nickel	TBK1		ND	40	4/14/99	ug/L	490	2	TB	6010B	6010B	7440020
Cadmium	TBK1		ND	4.9	4/14/99	ug/L	490	2	TB	6010B	6010B	7440439
Chromium	TBK1		ND	10	4/14/99	ug/L	490	2	TB	6010B	6010B	7440473
Zinc	TBK1		ND	20	4/14/99	ug/L	490	2	TB	6010B	6010B	7440666
Ethylbenzene	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	100414
cis-1,3-Dichloropropene	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	10061015
trans-1,3-Dichloropropene	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	10061026
1,4-Dichlorobenzene	TBK1		ND	10	4/14/99	ug/L	490	3	TB	8260B	8260B	106467
1,2-Dichloroethane	TBK1		ND	4	4/14/99	ug/L	490	3	TB	8260B	8260B	107062
Toluene	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	108883
Chlorobenzene	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	108907
2-Chloroethyl vinyl ether	TBK1		ND	20	4/14/99	ug/L	490	3	TB	8260B	8260B	110758
Dibromochloromethane	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	124481
Tetrachloroethene	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	127184
cis-1,2-Dichloroethene	TBK1		ND	10	4/14/99	ug/L	490	3	TB	8260B	8260B	156592
trans-1,2-Dichloroethene	TBK1		ND	10	4/14/99	ug/L	490	3	TB	8260B	8260B	156605
1,3-Dichlorobenzene	TBK1		ND	10	4/14/99	ug/L	490	3	TB	8260B	8260B	541731
Carbon tetrachloride	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	56235
Ethanol	TBK1		ND	100	4/14/99	ug/L	490	3	TB	8260B	8260B	64175
Chloroform	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	67663
Benzene	TBK1		ND	4	4/14/99	ug/L	490	3	TB	8260B	8260B	71432

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Date	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Lead	MW14R	Wa	ND	5	10/20/98	ug/L	490	1	SA	7421	7421	7439921
Ethylbenzene	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	100414
cis-1,3-Dichloropropene	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	10061015
trans-1,3-Dichloropropene	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	10061026
1,4-Dichlorobenzene	MW14R		ND	10	10/20/98	ug/L	490	1	SA	8260A	8260A	106467
1,2-Dichloroethane	MW14R		ND	4	10/20/98	ug/L	490	1	SA	8260A	8260A	107062
Toluene	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	108883
Chlorobenzene	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	108907
2-Chloroethyl vinyl ether	MW14R		ND	20	10/20/98	ug/L	490	1	SA	8260A	8260A	110758
Dibromochloromethane	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	124481
Tetrachloroethene	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	127184
cis-1,2-Dichloroethene	MW14R		ND	10	10/20/98	ug/L	490	1	SA	8260A	8260A	156592
trans-1,2-Dichloroethene	MW14R		ND	10	10/20/98	ug/L	490	1	SA	8260A	8260A	156605
1,3-Dichlorobenzene	MW14R		ND	10	10/20/98	ug/L	490	1	SA	8260A	8260A	541731
Carbon tetrachloride	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	56235
Ethanol	MW14R		ND	100	10/20/98	ug/L	490	1	SA	8260A	8260A	64175
Chloroform	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	67663
Benzene	MW14R		ND	4	10/20/98	ug/L	490	1	SA	8260A	8260A	71432
1,1,1-Trichloroethane	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	71556
Bromomethane	MW14R		ND	10	10/20/98	ug/L	490	1	SA	8260A	8260A	74839
Chloromethane	MW14R		ND	10	10/20/98	ug/L	490	1	SA	8260A	8260A	74873
Chloroethane	MW14R		ND	10	10/20/98	ug/L	490	1	SA	8260A	8260A	75003
Vinyl chloride	MW14R		ND	2	10/20/98	ug/L	490	1	SA	8260A	8260A	75014
Methylene chloride	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	75092
Bromoform	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	75252
Bromodichloromethane	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	75274
1,1-Dichloroethane	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	75343
1,1-Dichloroethene	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	75354
Trichlorofluoromethane	MW14R		ND	10	10/20/98	ug/L	490	1	SA	8260A	8260A	75694
Dichlorodifluoromethane	MW14R		ND	10	10/20/98	ug/L	490	1	SA	8260A	8260A	75718
1,2-Dichloropropane	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	78875
2-Butanone (MEK)	MW14R		ND	50	10/20/98	ug/L	490	1	SA	8260A	8260A	78933
1,1,2-Trichloroethane	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	79005

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Trichloroethene	MW14R		ND	4	10/20/98	ug/L	490	1	SA	8260A	8260A	79016
1,1,2,2-Tetrachloroethane	MW14R		ND	5	10/20/98	ug/L	490	1	SA	8260A	8260A	79345
1,2-Dichlorobenzene	MW14R		ND	10	10/20/98	ug/L	490	1	SA	8260A	8260A	95501
Arsenic	MW14R	Wa	ND	10	10/20/98	ug/L	490	1	SA	7060A	7060A	7440382
Aroclor 1260	MW14R		ND	0.5	10/20/98	ug/L	490	1	SA	8082	8082	11096825
Aroclor 1254	MW14R		ND	0.5	10/20/98	ug/L	490	1	SA	8082	8082	11097691
Aroclor 1221	MW14R		ND	0.5	10/20/98	ug/L	490	1	SA	8082	8082	11104282
Aroclor 1232	MW14R		ND	0.5	10/20/98	ug/L	490	1	SA	8082	8082	11141165
Aroclor 1248	MW14R		ND	0.5	10/20/98	ug/L	490	1	SA	8082	8082	12672296
Aroclor 1016	MW14R		ND	0.5	10/20/98	ug/L	490	1	SA	8082	8082	12674112
Aroclor 1242	MW14R		ND	0.5	10/20/98	ug/L	490	1	SA	8082	8082	53469219
Nickel	MW14R		ND	40	10/20/98	ug/L	490	1	SA	6010B	6010B	7440020
Cadmium	MW14R		ND	4.9	10/20/98	ug/L	490	1	SA	6010B	6010B	7440439
Chromium	MW14R		ND	10	10/20/98	ug/L	490	1	SA	6010B	6010B	7440473
Zinc	MW14R		ND	20	10/20/98	ug/L	490	1	SA	6010B	6010B	7440666
Total Phenols	MW14R	MSF	ND	0.005	10/20/98	mg/L	490	1	SA	420.1	420.1	Q541
Lead	MW14R	Wa	ND	5	10/20/98	ug/L	490	2	SA	7421	7421	7439921
Arsenic	MW14R	Wa	ND	10	10/20/98	ug/L	490	2	SA	7060A	7060A	7440382
Nickel	MW14R		ND	40	10/20/98	ug/L	490	2	SA	6010B	6010B	7440020
Cadmium	MW14R		ND	4.9	10/20/98	ug/L	490	2	SA	6010B	6010B	7440439
Chromium	MW14R		ND	10	10/20/98	ug/L	490	2	SA	6010B	6010B	7440473
Zinc	MW14R		ND	20	10/20/98	ug/L	490	2	SA	6010B	6010B	7440666
Lead	DUP1	Wa	ND	5	10/20/98	ug/L	490	3	FD	7421	7421	7439921
Ethylbenzene	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	100414
cis-1,3-Dichloropropene	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	10061015
trans-1,3-Dichloropropene	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	10061026
1,4-Dichlorobenzene	DUP1		ND	10	10/20/98	ug/L	490	3	FD	8260A	8260A	106467
1,2-Dichloroethane	DUP1		ND	4	10/20/98	ug/L	490	3	FD	8260A	8260A	107062
Toluene	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	108883
Chlorobenzene	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	108907
2-Chloroethyl vinyl ether	DUP1		ND	20	10/20/98	ug/L	490	3	FD	8260A	8260A	110758
Dibromochloromethane	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	124481
Tetrachloroethene	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	127184

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
cis-1,2-Dichloroethene	DUP1		ND	10	10/20/98	ug/L	490	3	FD	8260A	8260A	156592
trans-1,2-Dichloroethene	DUP1		ND	10	10/20/98	ug/L	490	3	FD	8260A	8260A	156605
1,3-Dichlorobenzene	DUP1		ND	10	10/20/98	ug/L	490	3	FD	8260A	8260A	541731
Carbon tetrachloride	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	56235
Ethanol	DUP1		ND	100	10/20/98	ug/L	490	3	FD	8260A	8260A	64175
Chloroform	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	67663
Benzene	DUP1		ND	4	10/20/98	ug/L	490	3	FD	8260A	8260A	71432
1,1,1-Trichloroethane	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	71556
Bromomethane	DUP1		ND	10	10/20/98	ug/L	490	3	FD	8260A	8260A	74839
Chloromethane	DUP1		ND	10	10/20/98	ug/L	490	3	FD	8260A	8260A	74873
Chloroethane	DUP1		ND	10	10/20/98	ug/L	490	3	FD	8260A	8260A	75003
Vinyl chloride	DUP1		ND	2	10/20/98	ug/L	490	3	FD	8260A	8260A	75014
Methylene chloride	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	75092
Bromoform	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	75252
Bromodichloromethane	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	75274
1,1-Dichloroethane	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	75343
1,1-Dichloroethene	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	75354
Trichlorofluoromethane	DUP1		ND	10	10/20/98	ug/L	490	3	FD	8260A	8260A	75694
Dichlorodifluoromethane	DUP1		ND	10	10/20/98	ug/L	490	3	FD	8260A	8260A	75718
1,2-Dichloropropane	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	78875
2-Butanone (MEK)	DUP1		ND	50	10/20/98	ug/L	490	3	FD	8260A	8260A	78933
1,1,2-Trichloroethane	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	79005
Trichloroethene	DUP1		ND	4	10/20/98	ug/L	490	3	FD	8260A	8260A	79016
1,1,2,2-Tetrachloroethane	DUP1		ND	5	10/20/98	ug/L	490	3	FD	8260A	8260A	79345
1,2-Dichlorobenzene	DUP1		ND	10	10/20/98	ug/L	490	3	FD	8260A	8260A	95501
Arsenic	DUP1	Wa	ND	10	10/20/98	ug/L	490	3	FD	7060A	7060A	7440382
Aroclor 1260	DUP1		ND	0.5	10/20/98	ug/L	490	3	FD	8082	8082	11096825
Aroclor 1254	DUP1		ND	0.5	10/20/98	ug/L	490	3	FD	8082	8082	11097691
Aroclor 1221	DUP1		ND	0.5	10/20/98	ug/L	490	3	FD	8082	8082	11104282
Aroclor 1232	DUP1		ND	0.5	10/20/98	ug/L	490	3	FD	8082	8082	11141165
Aroclor 1248	DUP1		ND	0.5	10/20/98	ug/L	490	3	FD	8082	8082	12672296
Aroclor 1016	DUP1		ND	0.5	10/20/98	ug/L	490	3	FD	8082	8082	12674112
Aroclor 1242	DUP1		ND	0.5	10/20/98	ug/L	490	3	FD	8082	8082	53469219

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Nickel	DUP1		ND	40	10/20/98	ug/L	490	3	FD	6010B	6010B	7440020
Cadmium	DUP1		ND	4.9	10/20/98	ug/L	490	3	FD	6010B	6010B	7440439
Chromium	DUP1		ND	10	10/20/98	ug/L	490	3	FD	6010B	6010B	7440473
Zinc	DUP1		ND	20	10/20/98	ug/L	490	3	FD	6010B	6010B	7440666
Total Phenols	DUP1	MSF	ND	0.005	10/20/98	mg/L	490	3	FD	420.1	420.1	Q541
Lead	DUP1	Wa	ND	5	10/20/98	ug/L	490	4	FD	7421	7421	7439921
Arsenic	DUP1	Wa	ND	10	10/20/98	ug/L	490	4	FD	7060A	7060A	7440382
Nickel	DUP1		ND	40	10/20/98	ug/L	490	4	FD	6010B	6010B	7440020
Cadmium	DUP1		ND	4.9	10/20/98	ug/L	490	4	FD	6010B	6010B	7440439
Chromium	DUP1		ND	10	10/20/98	ug/L	490	4	FD	6010B	6010B	7440473
Zinc	DUP1		ND	20	10/20/98	ug/L	490	4	FD	6010B	6010B	7440666
Lead	MW36R	Wa	ND	5	10/20/98	ug/L	490	5	SA	7421	7421	7439921
Ethylbenzene	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	100414
cis-1,3-Dichloropropene	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	10061015
trans-1,3-Dichloropropene	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	10061026
1,4-Dichlorobenzene	MW36R		ND	10	10/20/98	ug/L	490	5	SA	8260A	8260A	106467
1,2-Dichloroethane	MW36R		ND	4	10/20/98	ug/L	490	5	SA	8260A	8260A	107062
Toluene	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	108883
Chlorobenzene	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	108907
2-Chloroethyl vinyl ether	MW36R		ND	20	10/20/98	ug/L	490	5	SA	8260A	8260A	110758
Dibromochloromethane	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	124481
Tetrachloroethene	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	127184
cis-1,2-Dichloroethene	MW36R		ND	10	10/20/98	ug/L	490	5	SA	8260A	8260A	156592
trans-1,2-Dichloroethene	MW36R		ND	10	10/20/98	ug/L	490	5	SA	8260A	8260A	156605
1,3-Dichlorobenzene	MW36R		ND	10	10/20/98	ug/L	490	5	SA	8260A	8260A	541731
Carbon tetrachloride	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	56235
Ethanol	MW36R		ND	100	10/20/98	ug/L	490	5	SA	8260A	8260A	64175
Chloroform	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	67663
Benzene	MW36R		ND	4	10/20/98	ug/L	490	5	SA	8260A	8260A	71432
1,1,1-Trichloroethane	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	71556
Bromomethane	MW36R		ND	10	10/20/98	ug/L	490	5	SA	8260A	8260A	74839
Chloromethane	MW36R		ND	10	10/20/98	ug/L	490	5	SA	8260A	8260A	74873
Chloroethane	MW36R		ND	10	10/20/98	ug/L	490	5	SA	8260A	8260A	75003

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Vinyl chloride	MW36R		ND	2	10/20/98	ug/L	490	5	SA	8260A	8260A	75014
Methylene chloride	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	75092
Bromoform	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	75252
Bromodichloromethane	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	75274
1,1-Dichloroethane	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	75343
1,1-Dichloroethene	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	75354
Trichlorofluoromethane	MW36R		ND	10	10/20/98	ug/L	490	5	SA	8260A	8260A	75694
Dichlorodifluoromethane	MW36R		ND	10	10/20/98	ug/L	490	5	SA	8260A	8260A	75718
1,2-Dichloropropane	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	78875
2-Butanone (MEK)	MW36R		ND	50	10/20/98	ug/L	490	5	SA	8260A	8260A	78933
1,1,2-Trichloroethane	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	79005
Trichloroethene	MW36R		ND	4	10/20/98	ug/L	490	5	SA	8260A	8260A	79016
1,1,2,2-Tetrachloroethane	MW36R		ND	5	10/20/98	ug/L	490	5	SA	8260A	8260A	79345
1,2-Dichlorobenzene	MW36R		ND	10	10/20/98	ug/L	490	5	SA	8260A	8260A	95501
Arsenic	MW36R	Wa	ND	10	10/20/98	ug/L	490	5	SA	7060A	7060A	7440382
Aroclor 1260	MW36R		ND	0.5	10/20/98	ug/L	490	5	SA	8082	8082	11096825
Aroclor 1254	MW36R		ND	0.5	10/20/98	ug/L	490	5	SA	8082	8082	11097691
Aroclor 1221	MW36R		ND	0.5	10/20/98	ug/L	490	5	SA	8082	8082	11104282
Aroclor 1232	MW36R		ND	0.5	10/20/98	ug/L	490	5	SA	8082	8082	11141165
Aroclor 1248	MW36R		ND	0.5	10/20/98	ug/L	490	5	SA	8082	8082	12672296
Aroclor 1016	MW36R		ND	0.5	10/20/98	ug/L	490	5	SA	8082	8082	12674112
Aroclor 1242	MW36R		ND	0.5	10/20/98	ug/L	490	5	SA	8082	8082	53469219
Nickel	MW36R		ND	40	10/20/98	ug/L	490	5	SA	6010B	6010B	7440020
Cadmium	MW36R		ND	4.9	10/20/98	ug/L	490	5	SA	6010B	6010B	7440439
Chromium	MW36R		ND	10	10/20/98	ug/L	490	5	SA	6010B	6010B	7440473
Zinc	MW36R		ND	20	10/20/98	ug/L	490	5	SA	6010B	6010B	7440666
Total Phenols	MW36R	MSF	ND	0.005	10/20/98	mg/L	490	5	SA	420.1	420.1	Q541
Lead	MW36R	Wa	ND	5	10/20/98	ug/L	490	6	SA	7421	7421	7439921
Arsenic	MW36R	Wa	ND	10	10/20/98	ug/L	490	6	SA	7060A	7060A	7440382
Nickel	MW36R		ND	40	10/20/98	ug/L	490	6	SA	6010B	6010B	7440020
Cadmium	MW36R		ND	4.9	10/20/98	ug/L	490	6	SA	6010B	6010B	7440439
Chromium	MW36R		ND	10	10/20/98	ug/L	490	6	SA	6010B	6010B	7440473
Zinc	MW36R		ND	20	10/20/98	ug/L	490	6	SA	6010B	6010B	7440666

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	FieldSdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Lead	02FBD		ND	5	10/20/98	ug/L	490	7	FB	7421	7421	7439921
Ethylbenzene	02FBD		ND	5	10/20/98	ug/L	490	7	FB	8260A	8260A	100414
cis-1,3-Dichloropropene	02FBD		ND	5	10/20/98	ug/L	490	7	FB	8260A	8260A	10061015
trans-1,3-Dichloropropene	02FBD		ND	5	10/20/98	ug/L	490	7	FB	8260A	8260A	10061026
1,4-Dichlorobenzene	02FBD		ND	10	10/20/98	ug/L	490	7	FB	8260A	8260A	106467
1,2-Dichloroethane	02FBD		ND	4	10/20/98	ug/L	490	7	FB	8260A	8260A	107062
Toluene	02FBD		ND	5	10/20/98	ug/L	490	7	FB	8260A	8260A	108883
Chlorobenzene	02FBD		ND	5	10/20/98	ug/L	490	7	FB	8260A	8260A	108907
2-Chloroethyl vinyl ether	02FBD		ND	20	10/20/98	ug/L	490	7	FB	8260A	8260A	110758
Dibromochloromethane	02FBD		ND	5	10/20/98	ug/L	490	7	FB	8260A	8260A	124481
Tetrachloroethene	02FBD		ND	5	10/20/98	ug/L	490	7	FB	8260A	8260A	127184
cis-1,2-Dichloroethene	02FBD		ND	10	10/20/98	ug/L	490	7	FB	8260A	8260A	156592
trans-1,2-Dichloroethene	02FBD		ND	10	10/20/98	ug/L	490	7	FB	8260A	8260A	156605
1,3-Dichlorobenzene	02FBD		ND	10	10/20/98	ug/L	490	7	FB	8260A	8260A	541731
Carbon tetrachloride	02FBD		ND	5	10/20/98	ug/L	490	7	FB	8260A	8260A	56235
Ethanol	02FBD		ND	100	10/20/98	ug/L	490	7	FB	8260A	8260A	64175
Chloroform	02FBD		ND	5	10/20/98	ug/L	490	7	FB	8260A	8260A	67663
Benzene	02FBD		ND	4	10/20/98	ug/L	490	7	FB	8260A	8260A	71432
1,1,1-Trichloroethane	02FBD		ND	5	10/20/98	ug/L	490	7	FB	8260A	8260A	71556
Bromomethane	02FBD		ND	10	10/20/98	ug/L	490	7	FB	8260A	8260A	74839
Chloromethane	02FBD		ND	10	10/20/98	ug/L	490	7	FB	8260A	8260A	74873
Chloroethane	02FBD		ND	10	10/20/98	ug/L	490	7	FB	8260A	8260A	75003
Vinyl chloride	02FBD		ND	2	10/20/98	ug/L	490	7	FB	8260A	8260A	75014
Methylene chloride	02FBD		ND	5	10/20/98	ug/L	490	7	FB	8260A	8260A	75092
Bromoform	02FBD		ND	5	10/20/98	ug/L	490	7	FB	8260A	8260A	75252
Bromodichloromethane	02FBD		ND	5	10/20/98	ug/L	490	7	FB	8260A	8260A	75274
1,1-Dichloroethane	02FBD		ND	5	10/20/98	ug/L	490	7	FB	8260A	8260A	75343
1,1-Dichloroethene	02FBD		ND	5	10/20/98	ug/L	490	7	FB	8260A	8260A	75354
Trichlorofluoromethane	02FBD		ND	10	10/20/98	ug/L	490	7	FB	8260A	8260A	75694
Dichlorodifluoromethane	02FBD		ND	10	10/20/98	ug/L	490	7	FB	8260A	8260A	75718
1,2-Dichloropropane	02FBD		ND	5	10/20/98	ug/L	490	7	FB	8260A	8260A	78875
2-Butanone (MEK)	02FBD		ND	50	10/20/98	ug/L	490	7	FB	8260A	8260A	78933
1,1,2-Trichloroethane	02FBD		ND	5	10/20/98	ug/L	490	7	FB	8260A	8260A	79005

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
Trichloroethene	02FBD		ND	4	10/20/98	ug/L	490	7	FB	8260A	8260A	79016
1,1,2,2-Tetrachloroethane	02FBD		ND	5	10/20/98	ug/L	490	7	FB	8260A	8260A	79345
1,2-Dichlorobenzene	02FBD		ND	10	10/20/98	ug/L	490	7	FB	8260A	8260A	95501
Arsenic	02FBD		ND	10	10/20/98	ug/L	490	7	FB	7060A	7060A	7440382
Aroclor 1260	02FBD		ND	0.5	10/20/98	ug/L	490	7	FB	8082	8082	11096825
Aroclor 1254	02FBD		ND	0.5	10/20/98	ug/L	490	7	FB	8082	8082	11097691
Aroclor 1221	02FBD		ND	0.5	10/20/98	ug/L	490	7	FB	8082	8082	11104282
Aroclor 1232	02FBD		ND	0.5	10/20/98	ug/L	490	7	FB	8082	8082	11141165
Aroclor 1248	02FBD		ND	0.5	10/20/98	ug/L	490	7	FB	8082	8082	12672296
Aroclor 1016	02FBD		ND	0.5	10/20/98	ug/L	490	7	FB	8082	8082	12674112
Aroclor 1242	02FBD		ND	0.5	10/20/98	ug/L	490	7	FB	8082	8082	53469219
Nickel	02FBD		ND	40	10/20/98	ug/L	490	7	FB	6010B	6010B	7440020
Cadmium	02FBD		ND	4.9	10/20/98	ug/L	490	7	FB	6010B	6010B	7440439
Chromium	02FBD		ND	10	10/20/98	ug/L	490	7	FB	6010B	6010B	7440473
Zinc	02FBD		ND	20	10/20/98	ug/L	490	7	FB	6010B	6010B	7440666
Total Phenols	02FBD	MSF	ND	0.005	10/20/98	mg/L	490	7	FB	420.1	420.1	Q541
Lead	02FBD		ND	5	10/20/98	ug/L	490	8	FB	7421	7421	7439921
Arsenic	02FBD		ND	10	10/20/98	ug/L	490	8	FB	7060A	7060A	7440382
Nickel	02FBD		ND	40	10/20/98	ug/L	490	8	FB	6010B	6010B	7440020
Cadmium	02FBD		ND	4.9	10/20/98	ug/L	490	8	FB	6010B	6010B	7440439
Chromium	02FBD		ND	10	10/20/98	ug/L	490	8	FB	6010B	6010B	7440473
Zinc	02FBD		ND	20	10/20/98	ug/L	490	8	FB	6010B	6010B	7440666
Lead	MW37R	Wa	ND	5	10/19/98	ug/L	490	9	SA	7421	7421	7439921
Ethylbenzene	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	100414
cis-1,3-Dichloropropene	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	10061015
trans-1,3-Dichloropropene	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	10061026
1,4-Dichlorobenzene	MW37R		ND	10	10/19/98	ug/L	490	9	SA	8260A	8260A	106467
1,2-Dichloroethane	MW37R		ND	4	10/19/98	ug/L	490	9	SA	8260A	8260A	107062
Toluene	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	108883
Chlorobenzene	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	108907
2-Chloroethyl vinyl ether	MW37R		ND	20	10/19/98	ug/L	490	9	SA	8260A	8260A	110758
Dibromochloromethane	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	124481
Tetrachloroethene	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	127184

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
cis-1,2-Dichloroethene	MW37R		ND	10	10/19/98	ug/L	490	9	SA	8260A	8260A	156592
trans-1,2-Dichloroethene	MW37R		ND	10	10/19/98	ug/L	490	9	SA	8260A	8260A	156605
1,3-Dichlorobenzene	MW37R		ND	10	10/19/98	ug/L	490	9	SA	8260A	8260A	541731
Carbon tetrachloride	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	56235
Ethanol	MW37R		ND	100	10/19/98	ug/L	490	9	SA	8260A	8260A	64175
Chloroform	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	67663
Benzene	MW37R		ND	4	10/19/98	ug/L	490	9	SA	8260A	8260A	71432
1,1,1-Trichloroethane	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	71556
Bromomethane	MW37R		ND	10	10/19/98	ug/L	490	9	SA	8260A	8260A	74839
Chloromethane	MW37R		ND	10	10/19/98	ug/L	490	9	SA	8260A	8260A	74873
Chloroethane	MW37R		ND	10	10/19/98	ug/L	490	9	SA	8260A	8260A	75003
Vinyl chloride	MW37R		ND	2	10/19/98	ug/L	490	9	SA	8260A	8260A	75014
Methylene chloride	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	75092
Bromoform	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	75252
Bromodichloromethane	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	75274
1,1-Dichloroethane	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	75343
1,1-Dichloroethene	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	75354
Trichlorofluoromethane	MW37R		ND	10	10/19/98	ug/L	490	9	SA	8260A	8260A	75694
Dichlorodifluoromethane	MW37R		ND	10	10/19/98	ug/L	490	9	SA	8260A	8260A	75718
1,2-Dichloropropane	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	78875
2-Butanone (MEK)	MW37R		ND	50	10/19/98	ug/L	490	9	SA	8260A	8260A	78933
1,1,2-Trichloroethane	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	79005
Trichloroethene	MW37R		ND	4	10/19/98	ug/L	490	9	SA	8260A	8260A	79016
1,1,2,2-Tetrachloroethane	MW37R		ND	5	10/19/98	ug/L	490	9	SA	8260A	8260A	79345
1,2-Dichlorobenzene	MW37R		ND	10	10/19/98	ug/L	490	9	SA	8260A	8260A	95501
Arsenic	MW37R	Wa	ND	10	10/19/98	ug/L	490	9	SA	7060A	7060A	7440382
Aroclor 1260	MW37R		ND	0.5	10/19/98	ug/L	490	9	SA	8082	8082	11096825
Aroclor 1254	MW37R		ND	0.5	10/19/98	ug/L	490	9	SA	8082	8082	11097691
Aroclor 1221	MW37R		ND	0.5	10/19/98	ug/L	490	9	SA	8082	8082	11104282
Aroclor 1232	MW37R		ND	0.5	10/19/98	ug/L	490	9	SA	8082	8082	11141165
Aroclor 1248	MW37R		ND	0.5	10/19/98	ug/L	490	9	SA	8082	8082	12672296
Aroclor 1016	MW37R		ND	0.5	10/19/98	ug/L	490	9	SA	8082	8082	12674112
Aroclor 1242	MW37R		ND	0.5	10/19/98	ug/L	490	9	SA	8082	8082	53469219

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Date	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Nickel	MW37R		ND	40	10/19/98	ug/L	490	9	SA	6010B	6010B	7440020
Cadmium	MW37R		ND	4.9	10/19/98	ug/L	490	9	SA	6010B	6010B	7440439
Chromium	MW37R		ND	10	10/19/98	ug/L	490	9	SA	6010B	6010B	7440473
Zinc	MW37R		ND	20	10/19/98	ug/L	490	9	SA	6010B	6010B	7440666
Total Phenols	MW37R	MSF	ND	0.005	10/19/98	mg/L	490	9	SA	420.1	420.1	Q541
Lead	MW37R	Wa	ND	5	10/19/98	ug/L	490	10	SA	7421	7421	7439921
Arsenic	MW37R	Wa	ND	10	10/19/98	ug/L	490	10	SA	7060A	7060A	7440382
Nickel	MW37R		ND	40	10/19/98	ug/L	490	10	SA	6010B	6010B	7440020
Cadmium	MW37R		ND	4.9	10/19/98	ug/L	490	10	SA	6010B	6010B	7440439
Chromium	MW37R		ND	10	10/19/98	ug/L	490	10	SA	6010B	6010B	7440473
Zinc	MW37R		ND	20	10/19/98	ug/L	490	10	SA	6010B	6010B	7440666
Lead	02FBB		ND	5	10/19/98	ug/L	490	11	FB	7421	7421	7439921
Ethylbenzene	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	100414
cis-1,3-Dichloropropene	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	10061015
trans-1,3-Dichloropropene	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	10061026
1,4-Dichlorobenzene	02FBB		ND	10	10/19/98	ug/L	490	11	FB	8260A	8260A	106467
1,2-Dichloroethane	02FBB		ND	4	10/19/98	ug/L	490	11	FB	8260A	8260A	107062
Toluene	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	108883
Chlorobenzene	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	108907
2-Chloroethyl vinyl ether	02FBB		ND	20	10/19/98	ug/L	490	11	FB	8260A	8260A	110758
Dibromochloromethane	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	124481
Tetrachloroethene	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	127184
cis-1,2-Dichloroethene	02FBB		ND	10	10/19/98	ug/L	490	11	FB	8260A	8260A	156592
trans-1,2-Dichloroethene	02FBB		ND	10	10/19/98	ug/L	490	11	FB	8260A	8260A	156605
1,3-Dichlorobenzene	02FBB		ND	10	10/19/98	ug/L	490	11	FB	8260A	8260A	541731
Carbon tetrachloride	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	56235
Ethanol	02FBB		ND	100	10/19/98	ug/L	490	11	FB	8260A	8260A	64175
Chloroform	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	67663
Benzene	02FBB		ND	4	10/19/98	ug/L	490	11	FB	8260A	8260A	71432
1,1,1-Trichloroethane	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	71556
Bromomethane	02FBB		ND	10	10/19/98	ug/L	490	11	FB	8260A	8260A	74839
Chloromethane	02FBB		ND	10	10/19/98	ug/L	490	11	FB	8260A	8260A	74873
Chloroethane	02FBB		ND	10	10/19/98	ug/L	490	11	FB	8260A	8260A	75003

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Vinyl chloride	02FBB		ND	2	10/19/98	ug/L	490	11	FB	8260A	8260A	75014
Methylene chloride	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	75092
Bromoform	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	75252
Bromodichloromethane	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	75274
1,1-Dichloroethane	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	75343
1,1-Dichloroethene	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	75354
Trichlorofluoromethane	02FBB		ND	10	10/19/98	ug/L	490	11	FB	8260A	8260A	75694
Dichlorodifluoromethane	02FBB		ND	10	10/19/98	ug/L	490	11	FB	8260A	8260A	75718
1,2-Dichloropropane	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	78875
2-Butanone (MEK)	02FBB		ND	50	10/19/98	ug/L	490	11	FB	8260A	8260A	78933
1,1,2-Trichloroethane	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	79005
Trichloroethene	02FBB		ND	4	10/19/98	ug/L	490	11	FB	8260A	8260A	79016
1,1,2,2-Tetrachloroethane	02FBB		ND	5	10/19/98	ug/L	490	11	FB	8260A	8260A	79345
1,2-Dichlorobenzene	02FBB		ND	10	10/19/98	ug/L	490	11	FB	8260A	8260A	95501
Arsenic	02FBB		ND	10	10/19/98	ug/L	490	11	FB	7060A	7060A	7440382
Aroclor 1260	02FBB		ND	0.5	10/19/98	ug/L	490	11	FB	8082	8082	11096825
Aroclor 1254	02FBB		ND	0.5	10/19/98	ug/L	490	11	FB	8082	8082	11097691
Aroclor 1221	02FBB		ND	0.5	10/19/98	ug/L	490	11	FB	8082	8082	11104282
Aroclor 1232	02FBB		ND	0.5	10/19/98	ug/L	490	11	FB	8082	8082	11141165
Aroclor 1248	02FBB		ND	0.5	10/19/98	ug/L	490	11	FB	8082	8082	12672296
Aroclor 1016	02FBB		ND	0.5	10/19/98	ug/L	490	11	FB	8082	8082	12674112
Aroclor 1242	02FBB		ND	0.5	10/19/98	ug/L	490	11	FB	8082	8082	53469219
Nickel	02FBB		ND	40	10/19/98	ug/L	490	11	FB	6010B	6010B	7440020
Cadmium	02FBB		ND	4.9	10/19/98	ug/L	490	11	FB	6010B	6010B	7440439
Chromium	02FBB		ND	10	10/19/98	ug/L	490	11	FB	6010B	6010B	7440473
Zinc	02FBB		ND	20	10/19/98	ug/L	490	11	FB	6010B	6010B	7440666
Total Phenols	02FBB	MSF	ND	0.005	10/19/98	mg/L	490	11	FB	420.1	420.1	Q541
Lead	02FBB		ND	5	10/19/98	ug/L	490	12	FB	7421	7421	7439921
Arsenic	02FBB		ND	10	10/19/98	ug/L	490	12	FB	7060A	7060A	7440382
Nickel	02FBB		ND	40	10/19/98	ug/L	490	12	FB	6010B	6010B	7440020
Cadmium	02FBB		ND	4.9	10/19/98	ug/L	490	12	FB	6010B	6010B	7440439
Chromium	02FBB		ND	10	10/19/98	ug/L	490	12	FB	6010B	6010B	7440473
Zinc	02FBB		ND	20	10/19/98	ug/L	490	12	FB	6010B	6010B	7440666

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Lead	MW24R	Wa	ND	5	10/19/98	ug/L	490	13	SA	7421	7421	7439921
Ethylbenzene	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	100414
cis-1,3-Dichloropropene	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	10061015
trans-1,3-Dichloropropene	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	10061026
1,4-Dichlorobenzene	MW24R		ND	10	10/19/98	ug/L	490	13	SA	8260A	8260A	106467
1,2-Dichloroethane	MW24R		ND	4	10/19/98	ug/L	490	13	SA	8260A	8260A	107062
Toluene	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	108883
Chlorobenzene	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	108907
2-Chloroethyl vinyl ether	MW24R		ND	20	10/19/98	ug/L	490	13	SA	8260A	8260A	110758
Dibromochloromethane	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	124481
Tetrachloroethene	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	127184
cis-1,2-Dichloroethene	MW24R		ND	10	10/19/98	ug/L	490	13	SA	8260A	8260A	156592
trans-1,2-Dichloroethene	MW24R		ND	10	10/19/98	ug/L	490	13	SA	8260A	8260A	156605
1,3-Dichlorobenzene	MW24R		ND	10	10/19/98	ug/L	490	13	SA	8260A	8260A	541731
Carbon tetrachloride	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	56235
Ethanol	MW24R		ND	100	10/19/98	ug/L	490	13	SA	8260A	8260A	64175
Chloroform	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	67663
Benzene	MW24R		ND	4	10/19/98	ug/L	490	13	SA	8260A	8260A	71432
1,1,1-Trichloroethane	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	71556
Bromomethane	MW24R		ND	10	10/19/98	ug/L	490	13	SA	8260A	8260A	74839
Chloromethane	MW24R		ND	10	10/19/98	ug/L	490	13	SA	8260A	8260A	74873
Chloroethane	MW24R		ND	10	10/19/98	ug/L	490	13	SA	8260A	8260A	75003
Vinyl chloride	MW24R		ND	2	10/19/98	ug/L	490	13	SA	8260A	8260A	75014
Methylene chloride	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	75092
Bromoform	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	75252
Bromodichloromethane	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	75274
1,1-Dichloroethane	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	75343
1,1-Dichloroethene	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	75354
Trichlorofluoromethane	MW24R		ND	10	10/19/98	ug/L	490	13	SA	8260A	8260A	75694
Dichlorodifluoromethane	MW24R		ND	10	10/19/98	ug/L	490	13	SA	8260A	8260A	75718
1,2-Dichloropropane	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	78875
2-Butanone (MEK)	MW24R		ND	50	10/19/98	ug/L	490	13	SA	8260A	8260A	78933
1,1,2-Trichloroethane	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	79005

APPENDIX F

OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA

(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)

WASTE MANAGEMENT OF OHIO-VICKERY

PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Trichloroethene	MW24R		ND	4	10/19/98	ug/L	490	13	SA	8260A	8260A	79016
1,1,2,2-Tetrachloroethane	MW24R		ND	5	10/19/98	ug/L	490	13	SA	8260A	8260A	79345
1,2-Dichlorobenzene	MW24R		ND	10	10/19/98	ug/L	490	13	SA	8260A	8260A	95501
Arsenic	MW24R	Wa	ND	10	10/19/98	ug/L	490	13	SA	7060A	7060A	7440382
Aroclor 1260	MW24R		ND	0.5	10/19/98	ug/L	490	13	SA	8082	8082	11096825
Aroclor 1254	MW24R		ND	0.5	10/19/98	ug/L	490	13	SA	8082	8082	11097691
Aroclor 1221	MW24R		ND	0.5	10/19/98	ug/L	490	13	SA	8082	8082	11104282
Aroclor 1232	MW24R		ND	0.5	10/19/98	ug/L	490	13	SA	8082	8082	11141165
Aroclor 1248	MW24R		ND	0.5	10/19/98	ug/L	490	13	SA	8082	8082	12672296
Aroclor 1016	MW24R		ND	0.5	10/19/98	ug/L	490	13	SA	8082	8082	12674112
Aroclor 1242	MW24R		ND	0.5	10/19/98	ug/L	490	13	SA	8082	8082	53469219
Nickel	MW24R		ND	40	10/19/98	ug/L	490	13	SA	6010B	6010B	7440020
Cadmium	MW24R		ND	4.9	10/19/98	ug/L	490	13	SA	6010B	6010B	7440439
Chromium	MW24R		ND	10	10/19/98	ug/L	490	13	SA	6010B	6010B	7440473
Zinc	MW24R		ND	20	10/19/98	ug/L	490	13	SA	6010B	6010B	7440666
Total Phenols	MW24R	MSF	ND	0.005	10/19/98	mg/L	490	13	SA	420.1	420.1	Q541
Lead	MW24R	Wa	ND	5	10/19/98	ug/L	490	14	SA	7421	7421	7439921
Arsenic	MW24R	Wa	ND	10	10/19/98	ug/L	490	14	SA	7060A	7060A	7440382
Nickel	MW24R		ND	40	10/19/98	ug/L	490	14	SA	6010B	6010B	7440020
Cadmium	MW24R		ND	4.9	10/19/98	ug/L	490	14	SA	6010B	6010B	7440439
Chromium	MW24R		ND	10	10/19/98	ug/L	490	14	SA	6010B	6010B	7440473
Zinc	MW24R		ND	20	10/19/98	ug/L	490	14	SA	6010B	6010B	7440666
Lead	MW20R	Wa	ND	5	10/19/98	ug/L	490	15	SA	7421	7421	7439921
Ethylbenzene	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	100414
cis-1,3-Dichloropropene	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	10061015
trans-1,3-Dichloropropene	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	10061026
1,4-Dichlorobenzene	MW20R		ND	10	10/19/98	ug/L	490	15	SA	8260A	8260A	106467
1,2-Dichloroethane	MW20R		ND	4	10/19/98	ug/L	490	15	SA	8260A	8260A	107062
Toluene	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	108883
Chlorobenzene	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	108907
2-Chloroethyl vinyl ether	MW20R		ND	20	10/19/98	ug/L	490	15	SA	8260A	8260A	110758
Dibromochloromethane	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	124481
Tetrachloroethene	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	127184

APPENDIX F

OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA

(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)

WASTE MANAGEMENT OF OHIO-VICKERY

PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
cis-1,2-Dichloroethene	MW20R		ND	10	10/19/98	ug/L	490	15	SA	8260A	8260A	156592
trans-1,2-Dichloroethene	MW20R		ND	10	10/19/98	ug/L	490	15	SA	8260A	8260A	156605
1,3-Dichlorobenzene	MW20R		ND	10	10/19/98	ug/L	490	15	SA	8260A	8260A	541731
Carbon tetrachloride	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	56235
Ethanol	MW20R		ND	100	10/19/98	ug/L	490	15	SA	8260A	8260A	64175
Chloroform	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	67663
Benzene	MW20R		ND	4	10/19/98	ug/L	490	15	SA	8260A	8260A	71432
1,1,1-Trichloroethane	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	71556
Bromomethane	MW20R		ND	10	10/19/98	ug/L	490	15	SA	8260A	8260A	74839
Chloromethane	MW20R		ND	10	10/19/98	ug/L	490	15	SA	8260A	8260A	74873
Chloroethane	MW20R		ND	10	10/19/98	ug/L	490	15	SA	8260A	8260A	75003
Vinyl chloride	MW20R		ND	2	10/19/98	ug/L	490	15	SA	8260A	8260A	75014
Methylene chloride	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	75092
Bromoform	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	75252
Bromodichloromethane	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	75274
1,1-Dichloroethane	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	75343
1,1-Dichloroethene	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	75354
Trichlorofluoromethane	MW20R		ND	10	10/19/98	ug/L	490	15	SA	8260A	8260A	75694
Dichlorodifluoromethane	MW20R		ND	10	10/19/98	ug/L	490	15	SA	8260A	8260A	75718
1,2-Dichloropropane	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	78875
2-Butanone (MEK)	MW20R		ND	50	10/19/98	ug/L	490	15	SA	8260A	8260A	78933
1,1,2-Trichloroethane	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	79005
Trichloroethene	MW20R		ND	4	10/19/98	ug/L	490	15	SA	8260A	8260A	79016
1,1,2,2-Tetrachloroethane	MW20R		ND	5	10/19/98	ug/L	490	15	SA	8260A	8260A	79345
1,2-Dichlorobenzene	MW20R		ND	10	10/19/98	ug/L	490	15	SA	8260A	8260A	95501
Arsenic	MW20R	Wa	ND	10	10/19/98	ug/L	490	15	SA	7060A	7060A	7440382
Aroclor 1260	MW20R		ND	0.5	10/19/98	ug/L	490	15	SA	8082	8082	11096825
Aroclor 1254	MW20R		ND	0.5	10/19/98	ug/L	490	15	SA	8082	8082	11097691
Aroclor 1221	MW20R		ND	0.5	10/19/98	ug/L	490	15	SA	8082	8082	11104282
Aroclor 1232	MW20R		ND	0.5	10/19/98	ug/L	490	15	SA	8082	8082	11141165
Aroclor 1248	MW20R		ND	0.5	10/19/98	ug/L	490	15	SA	8082	8082	12672296
Aroclor 1016	MW20R		ND	0.5	10/19/98	ug/L	490	15	SA	8082	8082	12674112
Aroclor 1242	MW20R		ND	0.5	10/19/98	ug/L	490	15	SA	8082	8082	53469219

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Nickel	MW20R		ND	40	10/19/98	ug/L	490	15	SA	6010B	6010B	7440020
Cadmium	MW20R		ND	4.9	10/19/98	ug/L	490	15	SA	6010B	6010B	7440439
Chromium	MW20R		ND	10	10/19/98	ug/L	490	15	SA	6010B	6010B	7440473
Zinc	MW20R		ND	20	10/19/98	ug/L	490	15	SA	6010B	6010B	7440666
Total Phenols	MW20R	MSF	ND	0.005	10/19/98	mg/L	490	15	SA	420.1	420.1	Q541
Lead	MW20R	Wa	ND	5	10/19/98	ug/L	490	16	SA	7421	7421	7439921
Arsenic	MW20R	Wa	ND	10	10/19/98	ug/L	490	16	SA	7060A	7060A	7440382
Nickel	MW20R		ND	40	10/19/98	ug/L	490	16	SA	6010B	6010B	7440020
Cadmium	MW20R		ND	4.9	10/19/98	ug/L	490	16	SA	6010B	6010B	7440439
Chromium	MW20R		ND	10	10/19/98	ug/L	490	16	SA	6010B	6010B	7440473
Zinc	MW20R		ND	20	10/19/98	ug/L	490	16	SA	6010B	6010B	7440666
Lead	MW15R	Wa	ND	5	10/19/98	ug/L	490	17	SA	7421	7421	7439921
Ethylbenzene	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	100414
cis-1,3-Dichloropropene	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	10061015
trans-1,3-Dichloropropene	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	10061026
1,4-Dichlorobenzene	MW15R		ND	10	10/19/98	ug/L	490	17	SA	8260A	8260A	106467
1,2-Dichloroethane	MW15R		ND	4	10/19/98	ug/L	490	17	SA	8260A	8260A	107062
Toluene	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	108883
Chlorobenzene	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	108907
2-Chloroethyl vinyl ether	MW15R		ND	20	10/19/98	ug/L	490	17	SA	8260A	8260A	110758
Dibromochloromethane	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	124481
Tetrachloroethene	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	127184
cis-1,2-Dichloroethene	MW15R		ND	10	10/19/98	ug/L	490	17	SA	8260A	8260A	156592
trans-1,2-Dichloroethene	MW15R		ND	10	10/19/98	ug/L	490	17	SA	8260A	8260A	156605
1,3-Dichlorobenzene	MW15R		ND	10	10/19/98	ug/L	490	17	SA	8260A	8260A	541731
Carbon tetrachloride	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	56235
Ethanol	MW15R		ND	100	10/19/98	ug/L	490	17	SA	8260A	8260A	64175
Chloroform	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	67663
Benzene	MW15R		ND	4	10/19/98	ug/L	490	17	SA	8260A	8260A	71432
1,1,1-Trichloroethane	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	71556
Bromomethane	MW15R		ND	10	10/19/98	ug/L	490	17	SA	8260A	8260A	74839
Chloromethane	MW15R		ND	10	10/19/98	ug/L	490	17	SA	8260A	8260A	74873
Chloroethane	MW15R		ND	10	10/19/98	ug/L	490	17	SA	8260A	8260A	75003

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Vinyl chloride	MW15R		ND	2	10/19/98	ug/L	490	17	SA	8260A	8260A	75014
Methylene chloride	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	75092
Bromoform	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	75252
Bromodichloromethane	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	75274
1,1-Dichloroethane	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	75343
1,1-Dichloroethene	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	75354
Trichlorofluoromethane	MW15R		ND	10	10/19/98	ug/L	490	17	SA	8260A	8260A	75694
Dichlorodifluoromethane	MW15R		ND	10	10/19/98	ug/L	490	17	SA	8260A	8260A	75718
1,2-Dichloropropane	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	78875
2-Butanone (MEK)	MW15R		ND	50	10/19/98	ug/L	490	17	SA	8260A	8260A	78933
1,1,2-Trichloroethane	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	79005
Trichloroethene	MW15R		ND	4	10/19/98	ug/L	490	17	SA	8260A	8260A	79016
1,1,2,2-Tetrachloroethane	MW15R		ND	5	10/19/98	ug/L	490	17	SA	8260A	8260A	79345
1,2-Dichlorobenzene	MW15R		ND	10	10/19/98	ug/L	490	17	SA	8260A	8260A	95501
Arsenic	MW15R	Wa	ND	10	10/19/98	ug/L	490	17	SA	7060A	7060A	7440382
Aroclor 1260	MW15R		ND	0.5	10/19/98	ug/L	490	17	SA	8082	8082	11096825
Aroclor 1254	MW15R		ND	0.5	10/19/98	ug/L	490	17	SA	8082	8082	11097691
Aroclor 1221	MW15R		ND	0.5	10/19/98	ug/L	490	17	SA	8082	8082	11104282
Aroclor 1232	MW15R		ND	0.5	10/19/98	ug/L	490	17	SA	8082	8082	11141165
Aroclor 1248	MW15R		ND	0.5	10/19/98	ug/L	490	17	SA	8082	8082	12672296
Aroclor 1016	MW15R		ND	0.5	10/19/98	ug/L	490	17	SA	8082	8082	12674112
Aroclor 1242	MW15R		ND	0.5	10/19/98	ug/L	490	17	SA	8082	8082	53469219
Nickel	MW15R		ND	40	10/19/98	ug/L	490	17	SA	6010B	6010B	7440020
Cadmium	MW15R		ND	4.9	10/19/98	ug/L	490	17	SA	6010B	6010B	7440439
Chromium	MW15R		ND	10	10/19/98	ug/L	490	17	SA	6010B	6010B	7440473
Zinc	MW15R		ND	20	10/19/98	ug/L	490	17	SA	6010B	6010B	7440666
Total Phenols	MW15R	MSF	ND	0.005	10/19/98	mg/L	490	17	SA	420.1	420.1	Q541
Lead	MW15R	Wa	ND	5	10/19/98	ug/L	490	18	SA	7421	7421	7439921
Arsenic	MW15R	Wa	ND	10	10/19/98	ug/L	490	18	SA	7060A	7060A	7440382
Nickel	MW15R		ND	40	10/19/98	ug/L	490	18	SA	6010B	6010B	7440020
Cadmium	MW15R		ND	4.9	10/19/98	ug/L	490	18	SA	6010B	6010B	7440439
Chromium	MW15R		ND	10	10/19/98	ug/L	490	18	SA	6010B	6010B	7440473
Zinc	MW15R		ND	20	10/19/98	ug/L	490	18	SA	6010B	6010B	7440666

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Lead	MW16R	Wa	ND	5	10/20/98	ug/L	490	19	SA	7421	7421	7439921
Ethylbenzene	MW16R		ND	5	10/20/98	ug/L	490	19	SA	8260A	8260A	100414
cis-1,3-Dichloropropene	MW16R		ND	5	10/20/98	ug/L	490	19	SA	8260A	8260A	10061015
trans-1,3-Dichloropropene	MW16R		ND	5	10/20/98	ug/L	490	19	SA	8260A	8260A	10061026
1,4-Dichlorobenzene	MW16R		ND	10	10/20/98	ug/L	490	19	SA	8260A	8260A	106467
1,2-Dichloroethane	MW16R		ND	4	10/20/98	ug/L	490	19	SA	8260A	8260A	107062
Toluene	MW16R		ND	5	10/20/98	ug/L	490	19	SA	8260A	8260A	108883
Chlorobenzene	MW16R		ND	5	10/20/98	ug/L	490	19	SA	8260A	8260A	108907
2-Chloroethyl vinyl ether	MW16R		ND	20	10/20/98	ug/L	490	19	SA	8260A	8260A	110758
Dibromochloromethane	MW16R		ND	5	10/20/98	ug/L	490	19	SA	8260A	8260A	124481
Tetrachloroethene	MW16R		ND	5	10/20/98	ug/L	490	19	SA	8260A	8260A	127184
cis-1,2-Dichloroethene	MW16R		ND	10	10/20/98	ug/L	490	19	SA	8260A	8260A	156592
trans-1,2-Dichloroethene	MW16R		ND	10	10/20/98	ug/L	490	19	SA	8260A	8260A	156605
1,3-Dichlorobenzene	MW16R		ND	10	10/20/98	ug/L	490	19	SA	8260A	8260A	541731
Carbon tetrachloride	MW16R		ND	5	10/20/98	ug/L	490	19	SA	8260A	8260A	56235
Ethanol	MW16R		ND	100	10/20/98	ug/L	490	19	SA	8260A	8260A	64175
Chloroform	MW16R		ND	5	10/20/98	ug/L	490	19	SA	8260A	8260A	67663
Benzene	MW16R		ND	4	10/20/98	ug/L	490	19	SA	8260A	8260A	71432
1,1,1-Trichloroethane	MW16R		ND	5	10/20/98	ug/L	490	19	SA	8260A	8260A	71556
Bromomethane	MW16R		ND	10	10/20/98	ug/L	490	19	SA	8260A	8260A	74839
Chloromethane	MW16R		ND	10	10/20/98	ug/L	490	19	SA	8260A	8260A	74873
Chloroethane	MW16R		ND	10	10/20/98	ug/L	490	19	SA	8260A	8260A	75003
Vinyl chloride	MW16R		ND	2	10/20/98	ug/L	490	19	SA	8260A	8260A	75014
Methylene chloride	MW16R		ND	5	10/20/98	ug/L	490	19	SA	8260A	8260A	75092
Bromoform	MW16R		ND	5	10/20/98	ug/L	490	19	SA	8260A	8260A	75252
Bromodichloromethane	MW16R		ND	5	10/20/98	ug/L	490	19	SA	8260A	8260A	75274
1,1-Dichloroethane	MW16R		ND	5	10/20/98	ug/L	490	19	SA	8260A	8260A	75343
1,1-Dichloroethene	MW16R		ND	5	10/20/98	ug/L	490	19	SA	8260A	8260A	75354
Trichlorofluoromethane	MW16R		ND	10	10/20/98	ug/L	490	19	SA	8260A	8260A	75694
Dichlorodifluoromethane	MW16R		ND	10	10/20/98	ug/L	490	19	SA	8260A	8260A	75718
1,2-Dichloropropane	MW16R		ND	5	10/20/98	ug/L	490	19	SA	8260A	8260A	78875
2-Butanone (MEK)	MW16R		ND	50	10/20/98	ug/L	490	19	SA	8260A	8260A	78933
1,1,2-Trichloroethane	MW16R		ND	5	10/20/98	ug/L	490	19	SA	8260A	8260A	79005

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
Trichloroethene	MW16R		ND	4	10/20/98	ug/L	490	19	SA	8260A	8260A	79016
1,1,2,2-Tetrachloroethane	MW16R		ND	5	10/20/98	ug/L	490	19	SA	8260A	8260A	79345
1,2-Dichlorobenzene	MW16R		ND	10	10/20/98	ug/L	490	19	SA	8260A	8260A	95501
Arsenic	MW16R	Wa	ND	10	10/20/98	ug/L	490	19	SA	7060A	7060A	7440382
Aroclor 1260	MW16R		ND	0.5	10/20/98	ug/L	490	19	SA	8082	8082	11096825
Aroclor 1254	MW16R		ND	0.5	10/20/98	ug/L	490	19	SA	8082	8082	11097691
Aroclor 1221	MW16R		ND	0.5	10/20/98	ug/L	490	19	SA	8082	8082	11104282
Aroclor 1232	MW16R		ND	0.5	10/20/98	ug/L	490	19	SA	8082	8082	11141165
Aroclor 1248	MW16R		ND	0.5	10/20/98	ug/L	490	19	SA	8082	8082	12672296
Aroclor 1016	MW16R		ND	0.5	10/20/98	ug/L	490	19	SA	8082	8082	12674112
Aroclor 1242	MW16R		ND	0.5	10/20/98	ug/L	490	19	SA	8082	8082	53469219
Nickel	MW16R		ND	40	10/20/98	ug/L	490	19	SA	6010B	6010B	7440020
Cadmium	MW16R		ND	4.9	10/20/98	ug/L	490	19	SA	6010B	6010B	7440439
Chromium	MW16R		ND	10	10/20/98	ug/L	490	19	SA	6010B	6010B	7440473
Zinc	MW16R		ND	20	10/20/98	ug/L	490	19	SA	6010B	6010B	7440666
Total Phenols	MW16R	MSF	ND	0.005	10/20/98	mg/L	490	19	SA	420.1	420.1	Q541
Lead	MW16R	Wa	ND	5	10/20/98	ug/L	490	20	SA	7421	7421	7439921
Arsenic	MW16R	Wa	ND	10	10/20/98	ug/L	490	20	SA	7060A	7060A	7440382
Nickel	MW16R		ND	40	10/20/98	ug/L	490	20	SA	6010B	6010B	7440020
Cadmium	MW16R		ND	4.9	10/20/98	ug/L	490	20	SA	6010B	6010B	7440439
Chromium	MW16R		ND	10	10/20/98	ug/L	490	20	SA	6010B	6010B	7440473
Zinc	MW16R		ND	20	10/20/98	ug/L	490	20	SA	6010B	6010B	7440666
Lead	MW30R	Wa	ND	5	10/20/98	ug/L	490	21	SA	7421	7421	7439921
Ethylbenzene	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	100414
cis-1,3-Dichloropropene	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	10061015
trans-1,3-Dichloropropene	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	10061026
1,4-Dichlorobenzene	MW30R		ND	10	10/20/98	ug/L	490	21	SA	8260A	8260A	106467
1,2-Dichloroethane	MW30R		ND	4	10/20/98	ug/L	490	21	SA	8260A	8260A	107062
Toluene	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	108883
Chlorobenzene	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	108907
2-Chloroethyl vinyl ether	MW30R		ND	20	10/20/98	ug/L	490	21	SA	8260A	8260A	110758
Dibromochloromethane	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	124481
Tetrachloroethene	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	127184

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
cis-1,2-Dichloroethene	MW30R		ND	10	10/20/98	ug/L	490	21	SA	8260A	8260A	156592
trans-1,2-Dichloroethene	MW30R		ND	10	10/20/98	ug/L	490	21	SA	8260A	8260A	156605
1,3-Dichlorobenzene	MW30R		ND	10	10/20/98	ug/L	490	21	SA	8260A	8260A	541731
Carbon tetrachloride	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	56235
Ethanol	MW30R		ND	100	10/20/98	ug/L	490	21	SA	8260A	8260A	64175
Chloroform	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	67663
Benzene	MW30R		ND	4	10/20/98	ug/L	490	21	SA	8260A	8260A	71432
1,1,1-Trichloroethane	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	71556
Bromomethane	MW30R		ND	10	10/20/98	ug/L	490	21	SA	8260A	8260A	74839
Chloromethane	MW30R		ND	10	10/20/98	ug/L	490	21	SA	8260A	8260A	74873
Chloroethane	MW30R		ND	10	10/20/98	ug/L	490	21	SA	8260A	8260A	75003
Vinyl chloride	MW30R		ND	2	10/20/98	ug/L	490	21	SA	8260A	8260A	75014
Methylene chloride	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	75092
Bromoform	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	75252
Bromodichloromethane	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	75274
1,1-Dichloroethane	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	75343
1,1-Dichloroethene	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	75354
Trichlorofluoromethane	MW30R		ND	10	10/20/98	ug/L	490	21	SA	8260A	8260A	75694
Dichlorodifluoromethane	MW30R		ND	10	10/20/98	ug/L	490	21	SA	8260A	8260A	75718
1,2-Dichloropropane	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	78875
2-Butanone (MEK)	MW30R		ND	50	10/20/98	ug/L	490	21	SA	8260A	8260A	78933
1,1,2-Trichloroethane	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	79005
Trichloroethene	MW30R		ND	4	10/20/98	ug/L	490	21	SA	8260A	8260A	79016
1,1,2,2-Tetrachloroethane	MW30R		ND	5	10/20/98	ug/L	490	21	SA	8260A	8260A	79345
1,2-Dichlorobenzene	MW30R		ND	10	10/20/98	ug/L	490	21	SA	8260A	8260A	95501
Arsenic	MW30R	Wa	ND	10	10/20/98	ug/L	490	21	SA	7060A	7060A	7440382
Aroclor 1260	MW30R		ND	0.5	10/20/98	ug/L	490	21	SA	8082	8082	11096825
Aroclor 1254	MW30R		ND	0.5	10/20/98	ug/L	490	21	SA	8082	8082	11097691
Aroclor 1221	MW30R		ND	0.5	10/20/98	ug/L	490	21	SA	8082	8082	11104282
Aroclor 1232	MW30R		ND	0.5	10/20/98	ug/L	490	21	SA	8082	8082	11141165
Aroclor 1248	MW30R		ND	0.5	10/20/98	ug/L	490	21	SA	8082	8082	12672296
Aroclor 1016	MW30R		ND	0.5	10/20/98	ug/L	490	21	SA	8082	8082	12674112
Aroclor 1242	MW30R		ND	0.5	10/20/98	ug/L	490	21	SA	8082	8082	53469219

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Nickel	MW30R		ND	40	10/20/98	ug/L	490	21	SA	6010B	6010B	7440020
Cadmium	MW30R		ND	4.9	10/20/98	ug/L	490	21	SA	6010B	6010B	7440439
Chromium	MW30R		ND	10	10/20/98	ug/L	490	21	SA	6010B	6010B	7440473
Zinc	MW30R		ND	20	10/20/98	ug/L	490	21	SA	6010B	6010B	7440666
Total Phenols	MW30R	MSF	ND	0.005	10/20/98	mg/L	490	21	SA	420.1	420.1	Q541
Lead	MW30R	Wa	ND	5	10/20/98	ug/L	490	22	SA	7421	7421	7439921
Arsenic	MW30R	Wa	ND	10	10/20/98	ug/L	490	22	SA	7060A	7060A	7440382
Nickel	MW30R		ND	40	10/20/98	ug/L	490	22	SA	6010B	6010B	7440020
Cadmium	MW30R		ND	4.9	10/20/98	ug/L	490	22	SA	6010B	6010B	7440439
Chromium	MW30R		ND	10	10/20/98	ug/L	490	22	SA	6010B	6010B	7440473
Zinc	MW30R		ND	20	10/20/98	ug/L	490	22	SA	6010B	6010B	7440666
Lead	TBK1		ND	5	10/20/98	ug/L	490	23	TB	7421	7421	7439921
Ethylbenzene	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	100414
cis-1,3-Dichloropropene	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	10061015
trans-1,3-Dichloropropene	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	10061026
1,4-Dichlorobenzene	TBK1		ND	10	10/20/98	ug/L	490	23	TB	8260A	8260A	106467
1,2-Dichloroethane	TBK1		ND	4	10/20/98	ug/L	490	23	TB	8260A	8260A	107062
Toluene	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	108883
Chlorobenzene	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	108907
2-Chloroethyl vinyl ether	TBK1		ND	20	10/20/98	ug/L	490	23	TB	8260A	8260A	110758
Dibromochloromethane	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	124481
Tetrachloroethene	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	127184
cis-1,2-Dichloroethene	TBK1		ND	10	10/20/98	ug/L	490	23	TB	8260A	8260A	156592
trans-1,2-Dichloroethene	TBK1		ND	10	10/20/98	ug/L	490	23	TB	8260A	8260A	156605
1,3-Dichlorobenzene	TBK1		ND	10	10/20/98	ug/L	490	23	TB	8260A	8260A	541731
Carbon tetrachloride	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	56235
Ethanol	TBK1		ND	100	10/20/98	ug/L	490	23	TB	8260A	8260A	64175
Chloroform	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	67663
Benzene	TBK1		ND	4	10/20/98	ug/L	490	23	TB	8260A	8260A	71432
1,1,1-Trichloroethane	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	71556
Bromomethane	TBK1		ND	10	10/20/98	ug/L	490	23	TB	8260A	8260A	74839
Chloromethane	TBK1		ND	10	10/20/98	ug/L	490	23	TB	8260A	8260A	74873
Chloroethane	TBK1		ND	10	10/20/98	ug/L	490	23	TB	8260A	8260A	75003

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Vinyl chloride	TBK1		ND	2	10/20/98	ug/L	490	23	TB	8260A	8260A	75014
Methylene chloride	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	75092
Bromoform	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	75252
Bromodichloromethane	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	75274
1,1-Dichloroethane	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	75343
1,1-Dichloroethene	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	75354
Trichlorofluoromethane	TBK1		ND	10	10/20/98	ug/L	490	23	TB	8260A	8260A	75694
Dichlorodifluoromethane	TBK1		ND	10	10/20/98	ug/L	490	23	TB	8260A	8260A	75718
1,2-Dichloropropane	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	78875
2-Butanone (MEK)	TBK1		ND	50	10/20/98	ug/L	490	23	TB	8260A	8260A	78933
1,1,2-Trichloroethane	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	79005
Trichloroethene	TBK1		ND	4	10/20/98	ug/L	490	23	TB	8260A	8260A	79016
1,1,2,2-Tetrachloroethane	TBK1		ND	5	10/20/98	ug/L	490	23	TB	8260A	8260A	79345
1,2-Dichlorobenzene	TBK1		ND	10	10/20/98	ug/L	490	23	TB	8260A	8260A	95501
Arsenic	TBK1		ND	10	10/20/98	ug/L	490	23	TB	7060A	7060A	7440382
Aroclor 1260	TBK1		ND	0.5	10/20/98	ug/L	490	23	TB	8082	8082	11096825
Aroclor 1254	TBK1		ND	0.5	10/20/98	ug/L	490	23	TB	8082	8082	11097691
Aroclor 1221	TBK1		ND	0.5	10/20/98	ug/L	490	23	TB	8082	8082	11104282
Aroclor 1232	TBK1		ND	0.5	10/20/98	ug/L	490	23	TB	8082	8082	11141165
Aroclor 1248	TBK1		ND	0.5	10/20/98	ug/L	490	23	TB	8082	8082	12672296
Aroclor 1016	TBK1		ND	0.5	10/20/98	ug/L	490	23	TB	8082	8082	12674112
Aroclor 1242	TBK1		ND	0.5	10/20/98	ug/L	490	23	TB	8082	8082	53469219
Nickel	TBK1		ND	40	10/20/98	ug/L	490	23	TB	6010B	6010B	7440020
Cadmium	TBK1		ND	4.9	10/20/98	ug/L	490	23	TB	6010B	6010B	7440439
Chromium	TBK1		ND	10	10/20/98	ug/L	490	23	TB	6010B	6010B	7440473
Zinc	TBK1		ND	20	10/20/98	ug/L	490	23	TB	6010B	6010B	7440666
Total Phenols	TBK1	MSF	ND	0.005	10/20/98	mg/L	490	23	TB	420.1	420.1	Q541
Lead	TBK1		ND	5	10/20/98	ug/L	490	24	TB	7421	7421	7439921
Arsenic	TBK1		ND	10	10/20/98	ug/L	490	24	TB	7060A	7060A	7440382
Nickel	TBK1		ND	40	10/20/98	ug/L	490	24	TB	6010B	6010B	7440020
Cadmium	TBK1		ND	4.9	10/20/98	ug/L	490	24	TB	6010B	6010B	7440439
Chromium	TBK1		ND	10	10/20/98	ug/L	490	24	TB	6010B	6010B	7440473
Zinc	TBK1		ND	20	10/20/98	ug/L	490	24	TB	6010B	6010B	7440666

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Aroclor 1260	BLANK		ND	0.5		ug/L	490			8082	8082	11096825
Aroclor 1254	BLANK		ND	0.5		ug/L	490			8082	8082	11097691
Aroclor 1221	BLANK		ND	0.5		ug/L	490			8082	8082	11104282
Aroclor 1232	BLANK		ND	0.5		ug/L	490			8082	8082	11141165
Aroclor 1248	BLANK		ND	0.5		ug/L	490			8082	8082	12672296
Aroclor 1016	BLANK		ND	0.5		ug/L	490			8082	8082	12674112
Aroclor 1242	BLANK		ND	0.5		ug/L	490			8082	8082	53469219
Total Phenols	DRAIN		ND	0.02	10/21/98	mg/L	490	1	SA	420.2	420.2	Q541
Lead	DRAIN	Wa	ND	5	10/21/98	ug/L	490	1	SA	7421	7421	7439921
Ethylbenzene	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	100414
cis-1,3-Dichloropropene	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	10061015
trans-1,3-Dichloropropene	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	10061026
1,4-Dichlorobenzene	DRAIN		ND	10	10/21/98	ug/L	490	1	SA	8260A	8260A	106467
1,2-Dichloroethane	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	107062
Toluene	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	108883
Chlorobenzene	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	108907
2-Chloroethyl vinyl ether	DRAIN		ND	20	10/21/98	ug/L	490	1	SA	8260A	8260A	110758
Dibromochloromethane	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	124481
Tetrachloroethene	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	127184
cis-1,2-Dichloroethene	DRAIN		ND	10	10/21/98	ug/L	490	1	SA	8260A	8260A	156592
trans-1,2-Dichloroethene	DRAIN		ND	10	10/21/98	ug/L	490	1	SA	8260A	8260A	156605
1,3-Dichlorobenzene	DRAIN		ND	10	10/21/98	ug/L	490	1	SA	8260A	8260A	541731
Carbon tetrachloride	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	56235
Ethanol	DRAIN		ND	100	10/21/98	ug/L	490	1	SA	8260A	8260A	64175
Chloroform	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	67663
Benzene	DRAIN		ND	4	10/21/98	ug/L	490	1	SA	8260A	8260A	71432
1,1,1-Trichloroethane	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	71556
Bromomethane	DRAIN		ND	10	10/21/98	ug/L	490	1	SA	8260A	8260A	74839
Chloromethane	DRAIN		ND	10	10/21/98	ug/L	490	1	SA	8260A	8260A	74873
Chloroethane	DRAIN		ND	10	10/21/98	ug/L	490	1	SA	8260A	8260A	75003
Vinyl chloride	DRAIN		ND	2	10/21/98	ug/L	490	1	SA	8260A	8260A	75014
Methylene chloride	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	75092
Bromoform	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	75252

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
Bromodichloromethane	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	75274
1,1-Dichloroethane	DRAIN		ND	4	10/21/98	ug/L	490	1	SA	8260A	8260A	75343
1,1-Dichloroethene	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	75354
Trichlorofluoromethane	DRAIN		ND	10	10/21/98	ug/L	490	1	SA	8260A	8260A	75694
Dichlorodifluoromethane	DRAIN		ND	10	10/21/98	ug/L	490	1	SA	8260A	8260A	75718
1,2-Dichloropropane	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	78875
2-Butanone (MEK)	DRAIN		ND	50	10/21/98	ug/L	490	1	SA	8260A	8260A	78933
1,1,2-Trichloroethane	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	79005
Trichloroethene	DRAIN		ND	4	10/21/98	ug/L	490	1	SA	8260A	8260A	79016
1,1,2,2-Tetrachloroethane	DRAIN		ND	5	10/21/98	ug/L	490	1	SA	8260A	8260A	79345
1,2-Dichlorobenzene	DRAIN		ND	10	10/21/98	ug/L	490	1	SA	8260A	8260A	95501
Arsenic	DRAIN		ND	10	10/21/98	ug/L	490	1	SA	7060A	7060A	7440382
Aroclor 1260	DRAIN		ND	0.5	10/21/98	ug/L	490	1	SA	8082	8082	11096825
Aroclor 1254	DRAIN		ND	0.5	10/21/98	ug/L	490	1	SA	8082	8082	11097691
Aroclor 1221	DRAIN		ND	0.5	10/21/98	ug/L	490	1	SA	8082	8082	11104282
Aroclor 1232	DRAIN		ND	0.5	10/21/98	ug/L	490	1	SA	8082	8082	11141165
Aroclor 1248	DRAIN		ND	0.5	10/21/98	ug/L	490	1	SA	8082	8082	12672296
Aroclor 1016	DRAIN		ND	0.5	10/21/98	ug/L	490	1	SA	8082	8082	12674112
Aroclor 1242	DRAIN		ND	0.5	10/21/98	ug/L	490	1	SA	8082	8082	53469219
Cadmium	DRAIN		ND	4.9	10/21/98	ug/L	490	1	SA	6010B	6010B	7440439
Nickel	DRAIN		ND	40	10/21/98	ug/L	490	1	SA	6010B	6010B	7440020
Chromium	DRAIN		ND	10	10/21/98	ug/L	490	1	SA	6010B	6010B	7440473
Zinc	DRAIN		ND	20	10/21/98	ug/L	490	1	SA	6010B	6010B	7440666
Lead	DRAIN	Wa	ND	5	10/21/98	ug/L	490	2	SA	7421	7421	7439921
Arsenic	DRAIN		ND	10	10/21/98	ug/L	490	2	SA	7060A	7060A	7440382
Cadmium	DRAIN		ND	4.9	10/21/98	ug/L	490	2	SA	6010B	6010B	7440439
Nickel	DRAIN		ND	40	10/21/98	ug/L	490	2	SA	6010B	6010B	7440020
Chromium	DRAIN		ND	10	10/21/98	ug/L	490	2	SA	6010B	6010B	7440473
Zinc	DRAIN		ND	20	10/21/98	ug/L	490	2	SA	6010B	6010B	7440666
Total Phenols	MW37R		ND	0.013	4/12/99	mg/L	490	1	SA	420.2	420.2	Q541
Aroclor 1260	MW37R		ND	0.5	4/12/99	ug/L	490	1	SA	8082	8082	11096825
Aroclor 1254	MW37R		ND	0.5	4/12/99	ug/L	490	1	SA	8082	8082	11097691
Aroclor 1221	MW37R		ND	0.5	4/12/99	ug/L	490	1	SA	8082	8082	11104282

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Aroclor 1232	MW37R		ND	0.5	4/12/99	ug/L	490	1	SA	8082	8082	11141165
Aroclor 1248	MW37R		ND	0.5	4/12/99	ug/L	490	1	SA	8082	8082	12672296
Aroclor 1016	MW37R		ND	0.5	4/12/99	ug/L	490	1	SA	8082	8082	12674112
Aroclor 1242	MW37R		ND	0.5	4/12/99	ug/L	490	1	SA	8082	8082	53469219
Ethylbenzene	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	100414
cis-1,3-Dichloropropene	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	10061015
trans-1,3-Dichloropropene	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	10061026
1,4-Dichlorobenzene	MW37R		ND	10	4/12/99	ug/L	490	1	SA	8260B	8260B	106467
1,2-Dichloroethane	MW37R		ND	4	4/12/99	ug/L	490	1	SA	8260B	8260B	107062
Toluene	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	108883
Chlorobenzene	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	108907
2-Chloroethyl vinyl ether	MW37R		ND	20	4/12/99	ug/L	490	1	SA	8260B	8260B	110758
Dibromochloromethane	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	124481
Tetrachloroethene	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	127184
cis-1,2-Dichloroethene	MW37R		ND	10	4/12/99	ug/L	490	1	SA	8260B	8260B	156592
trans-1,2-Dichloroethene	MW37R		ND	10	4/12/99	ug/L	490	1	SA	8260B	8260B	156605
1,3-Dichlorobenzene	MW37R		ND	10	4/12/99	ug/L	490	1	SA	8260B	8260B	541731
Carbon tetrachloride	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	56235
Ethanol	MW37R		ND	100	4/12/99	ug/L	490	1	SA	8260B	8260B	64175
Chloroform	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	67663
Benzene	MW37R		ND	4	4/12/99	ug/L	490	1	SA	8260B	8260B	71432
1,1,1-Trichloroethane	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	71556
Bromomethane	MW37R		ND	10	4/12/99	ug/L	490	1	SA	8260B	8260B	74839
Chloromethane	MW37R		ND	10	4/12/99	ug/L	490	1	SA	8260B	8260B	74873
Chloroethane	MW37R		ND	10	4/12/99	ug/L	490	1	SA	8260B	8260B	75003
Vinyl chloride	MW37R		ND	2	4/12/99	ug/L	490	1	SA	8260B	8260B	75014
Methylene chloride	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	75092
Bromoform	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	75252
Bromodichloromethane	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	75274
1,1-Dichloroethane	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	75343
1,1-Dichloroethene	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	75354
Dichlorofluoromethane	MW37R		ND	10	4/12/99	ug/L	490	1	SA	8260B	8260B	75434
Trichlorofluoromethane	MW37R		ND	10	4/12/99	ug/L	490	1	SA	8260B	8260B	75694

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
1,2-Dichloropropane	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	78875
2-Butanone (MEK)	MW37R		ND	50	4/12/99	ug/L	490	1	SA	8260B	8260B	78933
1,1,2-Trichloroethane	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	79005
Trichloroethene	MW37R		ND	4	4/12/99	ug/L	490	1	SA	8260B	8260B	79016
1,1,2,2-Tetrachloroethane	MW37R		ND	5	4/12/99	ug/L	490	1	SA	8260B	8260B	79345
1,2-Dichlorobenzene	MW37R		ND	10	4/12/99	ug/L	490	1	SA	8260B	8260B	95501
Lead	MW37R		ND	5	4/12/99	ug/L	490	1	SA	6010B	6010B	7439921
Arsenic	MW37R		ND	10	4/12/99	ug/L	490	1	SA	6010B	6010B	7440382
Cadmium	MW37R		ND	4.9	4/12/99	ug/L	490	1	SA	6010B	6010B	7440439
Lead	MW37R		ND	5	4/12/99	ug/L	490	1	SA	6010B	6010B	7439921
Arsenic	MW37R		ND	10	4/12/99	ug/L	490	1	SA	6010B	6010B	7440382
Nickel	MW37R		ND	40	4/12/99	ug/L	490	1	SA	6010B	6010B	7440020
Chromium	MW37R		ND	10	4/12/99	ug/L	490	1	SA	6010B	6010B	7440473
Zinc	MW37R		ND	20	4/12/99	ug/L	490	1	SA	6010B	6010B	7440666
Nickel	MW37R		ND	40	4/12/99	ug/L	490	1	SA	6010B	6010B	7440020
Cadmium	MW37R		ND	4.9	4/12/99	ug/L	490	1	SA	6010B	6010B	7440439
Chromium	MW37R		ND	10	4/12/99	ug/L	490	1	SA	6010B	6010B	7440473
Zinc	MW37R		ND	20	4/12/99	ug/L	490	1	SA	6010B	6010B	7440666
Total Phenols	MW24R		ND	0.013	4/12/99	mg/L	490	2	SA	420.2	420.2	Q541
Aroclor 1260	MW24R		ND	0.5	4/12/99	ug/L	490	2	SA	8082	8082	11096825
Aroclor 1254	MW24R		ND	0.5	4/12/99	ug/L	490	2	SA	8082	8082	11097691
Aroclor 1221	MW24R		ND	0.5	4/12/99	ug/L	490	2	SA	8082	8082	11104282
Aroclor 1232	MW24R		ND	0.5	4/12/99	ug/L	490	2	SA	8082	8082	11141165
Aroclor 1248	MW24R		ND	0.5	4/12/99	ug/L	490	2	SA	8082	8082	12672296
Aroclor 1016	MW24R		ND	0.5	4/12/99	ug/L	490	2	SA	8082	8082	12674112
Aroclor 1242	MW24R		ND	0.5	4/12/99	ug/L	490	2	SA	8082	8082	53469219
Ethylbenzene	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	100414
cis-1,3-Dichloropropene	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	10061015
trans-1,3-Dichloropropene	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	10061026
1,4-Dichlorobenzene	MW24R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	106467
1,2-Dichloroethane	MW24R		ND	4	4/12/99	ug/L	490	2	SA	8260B	8260B	107062
Toluene	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	108883
Chlorobenzene	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	108907

APPENDIX F

OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA

(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)

WASTE MANAGEMENT OF OHIO-VICKERY

PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
2-Chloroethyl vinyl ether	MW24R		ND	20	4/12/99	ug/L	490	2	SA	8260B	8260B	110758
Dibromochloromethane	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	124481
Tetrachloroethene	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	127184
cis-1,2-Dichloroethene	MW24R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	156592
trans-1,2-Dichloroethene	MW24R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	156605
1,3-Dichlorobenzene	MW24R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	541731
Carbon tetrachloride	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	56235
Ethanol	MW24R		ND	100	4/12/99	ug/L	490	2	SA	8260B	8260B	64175
Chloroform	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	67663
Benzene	MW24R		ND	4	4/12/99	ug/L	490	2	SA	8260B	8260B	71432
1,1,1-Trichloroethane	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	71556
Bromomethane	MW24R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	74839
Chloromethane	MW24R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	74873
Chloroethane	MW24R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	75003
Vinyl chloride	MW24R		ND	2	4/12/99	ug/L	490	2	SA	8260B	8260B	75014
Methylene chloride	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	75092
Bromoform	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	75252
Bromodichloromethane	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	75274
1,1-Dichloroethane	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	75343
1,1-Dichloroethene	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	75354
Dichlorofluoromethane	MW24R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	75434
Trichlorofluoromethane	MW24R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	75694
1,2-Dichloropropane	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	78875
2-Butanone (MEK)	MW24R		ND	50	4/12/99	ug/L	490	2	SA	8260B	8260B	78933
1,1,2-Trichloroethane	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	79005
Trichloroethene	MW24R		ND	4	4/12/99	ug/L	490	2	SA	8260B	8260B	79016
1,1,2,2-Tetrachloroethane	MW24R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	79345
1,2-Dichlorobenzene	MW24R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	95501
Lead	MW24R		ND	5	4/12/99	ug/L	490	2	SA	6010B	6010B	7439921
Arsenic	MW24R		ND	10	4/12/99	ug/L	490	2	SA	6010B	6010B	7440382
Cadmium	MW24R		ND	4.9	4/12/99	ug/L	490	2	SA	6010B	6010B	7440439
Lead	MW24R		ND	5	4/12/99	ug/L	490	2	SA	6010B	6010B	7439921
Arsenic	MW24R		ND	10	4/12/99	ug/L	490	2	SA	6010B	6010B	7440382

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Nickel	MW24R		ND	40	4/12/99	ug/L	490	2	SA	6010B	6010B	7440020
Chromium	MW24R		ND	10	4/12/99	ug/L	490	2	SA	6010B	6010B	7440473
Zinc	MW24R		ND	20	4/12/99	ug/L	490	2	SA	6010B	6010B	7440666
Nickel	MW24R		ND	40	4/12/99	ug/L	490	2	SA	6010B	6010B	7440020
Cadmium	MW24R		ND	4.9	4/12/99	ug/L	490	2	SA	6010B	6010B	7440439
Chromium	MW24R		ND	10	4/12/99	ug/L	490	2	SA	6010B	6010B	7440473
Zinc	MW24R		ND	20	4/12/99	ug/L	490	2	SA	6010B	6010B	7440666
Total Phenols	MW20R		ND	0.013	4/12/99	mg/L	490	3	SA	420.2	420.2	Q541
Aroclor 1260	MW20R		ND	0.5	4/12/99	ug/L	490	3	SA	8082	8082	11096825
Aroclor 1254	MW20R		ND	0.5	4/12/99	ug/L	490	3	SA	8082	8082	11097691
Aroclor 1221	MW20R		ND	0.5	4/12/99	ug/L	490	3	SA	8082	8082	11104282
Aroclor 1232	MW20R		ND	0.5	4/12/99	ug/L	490	3	SA	8082	8082	11141165
Aroclor 1248	MW20R		ND	0.5	4/12/99	ug/L	490	3	SA	8082	8082	12672296
Aroclor 1016	MW20R		ND	0.5	4/12/99	ug/L	490	3	SA	8082	8082	12674112
Aroclor 1242	MW20R		ND	0.5	4/12/99	ug/L	490	3	SA	8082	8082	53469219
Ethylbenzene	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	100414
cis-1,3-Dichloropropene	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	10061015
trans-1,3-Dichloropropene	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	10061026
1,4-Dichlorobenzene	MW20R		ND	10	4/12/99	ug/L	490	3	SA	8260B	8260B	106467
1,2-Dichloroethane	MW20R		ND	4	4/12/99	ug/L	490	3	SA	8260B	8260B	107062
Toluene	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	108883
Chlorobenzene	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	108907
2-Chloroethyl vinyl ether	MW20R		ND	20	4/12/99	ug/L	490	3	SA	8260B	8260B	110758
Dibromochloromethane	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	124481
Tetrachloroethene	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	127184
cis-1,2-Dichloroethene	MW20R		ND	10	4/12/99	ug/L	490	3	SA	8260B	8260B	156592
trans-1,2-Dichloroethene	MW20R		ND	10	4/12/99	ug/L	490	3	SA	8260B	8260B	156605
1,3-Dichlorobenzene	MW20R		ND	10	4/12/99	ug/L	490	3	SA	8260B	8260B	541731
Carbon tetrachloride	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	56235
Ethanol	MW20R		ND	100	4/12/99	ug/L	490	3	SA	8260B	8260B	64175
Chloroform	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	67663
Benzene	MW20R		ND	4	4/12/99	ug/L	490	3	SA	8260B	8260B	71432
1,1,1-Trichloroethane	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	71556

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Bromomethane	MW20R		ND	10	4/12/99	ug/L	490	3	SA	8260B	8260B	74839
Chloromethane	MW20R		ND	10	4/12/99	ug/L	490	3	SA	8260B	8260B	74873
Chloroethane	MW20R		ND	10	4/12/99	ug/L	490	3	SA	8260B	8260B	75003
Vinyl chloride	MW20R		ND	2	4/12/99	ug/L	490	3	SA	8260B	8260B	75014
Methylene chloride	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	75092
Bromoform	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	75252
Bromodichloromethane	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	75274
1,1-Dichloroethane	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	75343
1,1-Dichloroethene	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	75354
Dichlorofluoromethane	MW20R		ND	10	4/12/99	ug/L	490	3	SA	8260B	8260B	75434
Trichlorofluoromethane	MW20R		ND	10	4/12/99	ug/L	490	3	SA	8260B	8260B	75694
1,2-Dichloropropane	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	78875
2-Butanone (MEK)	MW20R		ND	50	4/12/99	ug/L	490	3	SA	8260B	8260B	78933
1,1,2-Trichloroethane	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	79005
Trichloroethene	MW20R		ND	4	4/12/99	ug/L	490	3	SA	8260B	8260B	79016
1,1,2,2-Tetrachloroethane	MW20R		ND	5	4/12/99	ug/L	490	3	SA	8260B	8260B	79345
1,2-Dichlorobenzene	MW20R		ND	10	4/12/99	ug/L	490	3	SA	8260B	8260B	95501
Lead	MW20R		ND	5	4/12/99	ug/L	490	3	SA	6010B	6010B	7439921
Arsenic	MW20R		ND	10	4/12/99	ug/L	490	3	SA	6010B	6010B	7440382
Cadmium	MW20R		ND	4.9	4/12/99	ug/L	490	3	SA	6010B	6010B	7440439
Lead	MW20R		ND	5	4/12/99	ug/L	490	3	SA	6010B	6010B	7439921
Arsenic	MW20R		ND	10	4/12/99	ug/L	490	3	SA	6010B	6010B	7440382
Nickel	MW20R		ND	40	4/12/99	ug/L	490	3	SA	6010B	6010B	7440020
Chromium	MW20R		ND	10	4/12/99	ug/L	490	3	SA	6010B	6010B	7440473
Zinc	MW20R		ND	20	4/12/99	ug/L	490	3	SA	6010B	6010B	7440666
Nickel	MW20R		ND	40	4/12/99	ug/L	490	3	SA	6010B	6010B	7440020
Cadmium	MW20R		ND	4.9	4/12/99	ug/L	490	3	SA	6010B	6010B	7440439
Chromium	MW20R		ND	10	4/12/99	ug/L	490	3	SA	6010B	6010B	7440473
Zinc	MW20R		ND	20	4/12/99	ug/L	490	3	SA	6010B	6010B	7440666
Total Phenols	MW30R		ND	0.013	4/12/99	mg/L	490	4	SA	420.2	420.2	Q541
Aroclor 1260	MW30R		ND	0.5	4/12/99	ug/L	490	4	SA	8082	8082	11096825
Aroclor 1254	MW30R		ND	0.5	4/12/99	ug/L	490	4	SA	8082	8082	11097691
Aroclor 1221	MW30R		ND	0.5	4/12/99	ug/L	490	4	SA	8082	8082	11104282

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	FieldSdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Aroclor 1232	MW30R		ND	0.5	4/12/99	ug/L	490	4	SA	8082	8082	11141165
Aroclor 1248	MW30R		ND	0.5	4/12/99	ug/L	490	4	SA	8082	8082	12672296
Aroclor 1016	MW30R		ND	0.5	4/12/99	ug/L	490	4	SA	8082	8082	12674112
Aroclor 1242	MW30R		ND	0.5	4/12/99	ug/L	490	4	SA	8082	8082	53469219
Ethylbenzene	MW30R		ND	5	4/12/99	ug/L	490	4	SA	8260B	8260B	100414
cis-1,3-Dichloropropene	MW30R		ND	5	4/12/99	ug/L	490	4	SA	8260B	8260B	10061015
trans-1,3-Dichloropropene	MW30R		ND	5	4/12/99	ug/L	490	4	SA	8260B	8260B	10061026
1,4-Dichlorobenzene	MW30R		ND	10	4/12/99	ug/L	490	4	SA	8260B	8260B	106467
1,2-Dichloroethane	MW30R		ND	4	4/12/99	ug/L	490	4	SA	8260B	8260B	107062
Toluene	MW30R		ND	5	4/12/99	ug/L	490	4	SA	8260B	8260B	108883
Chlorobenzene	MW30R		ND	5	4/12/99	ug/L	490	4	SA	8260B	8260B	108907
2-Chloroethyl vinyl ether	MW30R		ND	20	4/12/99	ug/L	490	4	SA	8260B	8260B	110758
Dibromochloromethane	MW30R		ND	5	4/12/99	ug/L	490	4	SA	8260B	8260B	124481
Tetrachloroethene	MW30R		ND	5	4/12/99	ug/L	490	4	SA	8260B	8260B	127184
cis-1,2-Dichloroethene	MW30R		ND	10	4/12/99	ug/L	490	4	SA	8260B	8260B	156592
trans-1,2-Dichloroethene	MW30R		ND	10	4/12/99	ug/L	490	4	SA	8260B	8260B	156605
1,3-Dichlorobenzene	MW30R		ND	10	4/12/99	ug/L	490	4	SA	8260B	8260B	541731
Carbon tetrachloride	MW30R		ND	5	4/12/99	ug/L	490	4	SA	8260B	8260B	56235
Ethanol	MW30R		ND	100	4/12/99	ug/L	490	4	SA	8260B	8260B	64175
Chloroform	MW30R		ND	5	4/12/99	ug/L	490	4	SA	8260B	8260B	67663
Benzene	MW30R		ND	4	4/12/99	ug/L	490	4	SA	8260B	8260B	71432
1,1,1-Trichloroethane	MW30R		ND	5	4/12/99	ug/L	490	4	SA	8260B	8260B	71556
Bromomethane	MW30R		ND	10	4/12/99	ug/L	490	4	SA	8260B	8260B	74839
Chloromethane	MW30R		ND	10	4/12/99	ug/L	490	4	SA	8260B	8260B	74873
Chloroethane	MW30R		ND	10	4/12/99	ug/L	490	4	SA	8260B	8260B	75003
Vinyl chloride	MW30R		ND	2	4/12/99	ug/L	490	4	SA	8260B	8260B	75014
Methylene chloride	MW30R		ND	5	4/12/99	ug/L	490	4	SA	8260B	8260B	75092
Bromoform	MW30R		ND	5	4/12/99	ug/L	490	4	SA	8260B	8260B	75252
Bromodichloromethane	MW30R		ND	5	4/12/99	ug/L	490	4	SA	8260B	8260B	75274
1,1-Dichloroethane	MW30R		ND	5	4/12/99	ug/L	490	4	SA	8260B	8260B	75343
1,1-Dichloroethene	MW30R		ND	5	4/12/99	ug/L	490	4	SA	8260B	8260B	75354
Dichlorofluoromethane	MW30R		ND	10	4/12/99	ug/L	490	4	SA	8260B	8260B	75434
Trichlorofluoromethane	MW30R		ND	10	4/12/99	ug/L	490	4	SA	8260B	8260B	75694

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
1,2-Dichloropropane	MW30R		ND	5	4/12/99	ug/L	490	4	SA	8260B	8260B	78875
2-Butanone (MEK)	MW30R		ND	50	4/12/99	ug/L	490	4	SA	8260B	8260B	78933
1,1,2-Trichloroethane	MW30R		ND	5	4/12/99	ug/L	490	4	SA	8260B	8260B	79005
Trichloroethene	MW30R		ND	4	4/12/99	ug/L	490	4	SA	8260B	8260B	79016
1,1,2,2-Tetrachloroethane	MW30R		ND	5	4/12/99	ug/L	490	4	SA	8260B	8260B	79345
1,2-Dichlorobenzene	MW30R		ND	10	4/12/99	ug/L	490	4	SA	8260B	8260B	95501
Lead	MW30R		ND	5	4/12/99	ug/L	490	4	SA	6010B	6010B	7439921
Arsenic	MW30R		ND	10	4/12/99	ug/L	490	4	SA	6010B	6010B	7440382
Cadmium	MW30R		ND	4.9	4/12/99	ug/L	490	4	SA	6010B	6010B	7440439
Lead	MW30R		ND	5	4/12/99	ug/L	490	4	SA	6010B	6010B	7439921
Arsenic	MW30R		10.2	10	4/12/99	ug/L	490	4	SA	6010B	6010B	7440382
Nickel	MW30R		ND	40	4/12/99	ug/L	490	4	SA	6010B	6010B	7440020
Chromium	MW30R		ND	10	4/12/99	ug/L	490	4	SA	6010B	6010B	7440473
Zinc	MW30R		ND	20	4/12/99	ug/L	490	4	SA	6010B	6010B	7440666
Nickel	MW30R		ND	40	4/12/99	ug/L	490	4	SA	6010B	6010B	7440020
Cadmium	MW30R		ND	4.9	4/12/99	ug/L	490	4	SA	6010B	6010B	7440439
Chromium	MW30R		ND	10	4/12/99	ug/L	490	4	SA	6010B	6010B	7440473
Zinc	MW30R		ND	20	4/12/99	ug/L	490	4	SA	6010B	6010B	7440666
Total Phenols	02FBB		ND	0.013	4/12/99	mg/L	490	1	FB	420.2	420.2	Q541
Aroclor 1260	02FBB		ND	0.5	4/12/99	ug/L	490	1	FB	8082	8082	11096825
Aroclor 1254	02FBB		ND	0.5	4/12/99	ug/L	490	1	FB	8082	8082	11097691
Aroclor 1221	02FBB		ND	0.5	4/12/99	ug/L	490	1	FB	8082	8082	11104282
Aroclor 1232	02FBB		ND	0.5	4/12/99	ug/L	490	1	FB	8082	8082	11141165
Aroclor 1248	02FBB		ND	0.5	4/12/99	ug/L	490	1	FB	8082	8082	12672296
Aroclor 1016	02FBB		ND	0.5	4/12/99	ug/L	490	1	FB	8082	8082	12674112
Aroclor 1242	02FBB		ND	0.5	4/12/99	ug/L	490	1	FB	8082	8082	53469219
Ethylbenzene	02FBB		ND	5	4/12/99	ug/L	490	1	FB	8260B	8260B	100414
cis-1,3-Dichloropropene	02FBB		ND	5	4/12/99	ug/L	490	1	FB	8260B	8260B	10061015
trans-1,3-Dichloropropene	02FBB		ND	5	4/12/99	ug/L	490	1	FB	8260B	8260B	10061026
1,4-Dichlorobenzene	02FBB		ND	10	4/12/99	ug/L	490	1	FB	8260B	8260B	106467
1,2-Dichloroethane	02FBB		ND	4	4/12/99	ug/L	490	1	FB	8260B	8260B	107062
Toluene	02FBB		ND	5	4/12/99	ug/L	490	1	FB	8260B	8260B	108883
Chlorobenzene	02FBB		ND	5	4/12/99	ug/L	490	1	FB	8260B	8260B	108907

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
2-Chloroethyl vinyl ether	02FBB		ND	20	4/12/99	ug/L	490	1	FB	8260B	8260B	110758
Dibromochloromethane	02FBB		ND	5	4/12/99	ug/L	490	1	FB	8260B	8260B	124481
Tetrachloroethene	02FBB		ND	5	4/12/99	ug/L	490	1	FB	8260B	8260B	127184
cis-1,2-Dichloroethene	02FBB		ND	10	4/12/99	ug/L	490	1	FB	8260B	8260B	156592
trans-1,2-Dichloroethene	02FBB		ND	10	4/12/99	ug/L	490	1	FB	8260B	8260B	156605
1,3-Dichlorobenzene	02FBB		ND	10	4/12/99	ug/L	490	1	FB	8260B	8260B	541731
Carbon tetrachloride	02FBB		ND	5	4/12/99	ug/L	490	1	FB	8260B	8260B	56235
Ethanol	02FBB		ND	100	4/12/99	ug/L	490	1	FB	8260B	8260B	64175
Chloroform	02FBB		13	5	4/12/99	ug/L	490	1	FB	8260B	8260B	67663
Benzene	02FBB		ND	4	4/12/99	ug/L	490	1	FB	8260B	8260B	71432
1,1,1-Trichloroethane	02FBB		ND	5	4/12/99	ug/L	490	1	FB	8260B	8260B	71556
Bromomethane	02FBB		ND	10	4/12/99	ug/L	490	1	FB	8260B	8260B	74839
Chloromethane	02FBB		ND	10	4/12/99	ug/L	490	1	FB	8260B	8260B	74873
Chloroethane	02FBB		ND	10	4/12/99	ug/L	490	1	FB	8260B	8260B	75003
Vinyl chloride	02FBB		ND	2	4/12/99	ug/L	490	1	FB	8260B	8260B	75014
Methylene chloride	02FBB		ND	5	4/12/99	ug/L	490	1	FB	8260B	8260B	75092
Bromoform	02FBB		ND	5	4/12/99	ug/L	490	1	FB	8260B	8260B	75252
Bromodichloromethane	02FBB		ND	5	4/12/99	ug/L	490	1	FB	8260B	8260B	75274
1,1-Dichloroethane	02FBB		ND	5	4/12/99	ug/L	490	1	FB	8260B	8260B	75343
1,1-Dichloroethene	02FBB		ND	5	4/12/99	ug/L	490	1	FB	8260B	8260B	75354
Dichlorofluoromethane	02FBB		ND	10	4/12/99	ug/L	490	1	FB	8260B	8260B	75434
Trichlorofluoromethane	02FBB		ND	10	4/12/99	ug/L	490	1	FB	8260B	8260B	75694
1,2-Dichloropropane	02FBB		ND	5	4/12/99	ug/L	490	1	FB	8260B	8260B	78875
2-Butanone (MEK)	02FBB		ND	50	4/12/99	ug/L	490	1	FB	8260B	8260B	78933
1,1,2-Trichloroethane	02FBB		ND	5	4/12/99	ug/L	490	1	FB	8260B	8260B	79005
Trichloroethene	02FBB		ND	4	4/12/99	ug/L	490	1	FB	8260B	8260B	79016
1,1,2,2-Tetrachloroethane	02FBB		ND	5	4/12/99	ug/L	490	1	FB	8260B	8260B	79345
1,2-Dichlorobenzene	02FBB		ND	10	4/12/99	ug/L	490	1	FB	8260B	8260B	95501
Lead	02FBB		ND	5	4/12/99	ug/L	490	1	FB	6010B	6010B	7439921
Arsenic	02FBB		ND	10	4/12/99	ug/L	490	1	FB	6010B	6010B	7440382
Lead	02FBB		ND	5	4/12/99	ug/L	490	1	FB	6010B	6010B	7439921
Arsenic	02FBB		ND	10	4/12/99	ug/L	490	1	FB	6010B	6010B	7440382
Cadmium	02FBB		ND	4.9	4/12/99	ug/L	490	1	FB	6010B	6010B	7440439

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Nickel	02FBB		ND	40	4/12/99	ug/L	490	1	FB	6010B	6010B	7440020
Cadmium	02FBB		ND	4.9	4/12/99	ug/L	490	1	FB	6010B	6010B	7440439
Chromium	02FBB		ND	10	4/12/99	ug/L	490	1	FB	6010B	6010B	7440473
Zinc	02FBB		ND	20	4/12/99	ug/L	490	1	FB	6010B	6010B	7440666
Nickel	02FBB		ND	40	4/12/99	ug/L	490	1	FB	6010B	6010B	7440020
Chromium	02FBB		ND	10	4/12/99	ug/L	490	1	FB	6010B	6010B	7440473
Zinc	02FBB		ND	20	4/12/99	ug/L	490	1	FB	6010B	6010B	7440666
Total Phenols	MW14R		ND	0.013	4/12/99	mg/L	490	2	SA	420.2	420.2	Q541
Aroclor 1260	MW14R		ND	0.5	4/12/99	ug/L	490	2	SA	8082	8082	11096825
Aroclor 1254	MW14R		ND	0.5	4/12/99	ug/L	490	2	SA	8082	8082	11097691
Aroclor 1221	MW14R		ND	0.5	4/12/99	ug/L	490	2	SA	8082	8082	11104282
Aroclor 1232	MW14R		ND	0.5	4/12/99	ug/L	490	2	SA	8082	8082	11141165
Aroclor 1248	MW14R		ND	0.5	4/12/99	ug/L	490	2	SA	8082	8082	12672296
Aroclor 1016	MW14R		ND	0.5	4/12/99	ug/L	490	2	SA	8082	8082	12674112
Aroclor 1242	MW14R		ND	0.5	4/12/99	ug/L	490	2	SA	8082	8082	53469219
Ethylbenzene	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	100414
cis-1,3-Dichloropropene	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	10061015
trans-1,3-Dichloropropene	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	10061026
1,4-Dichlorobenzene	MW14R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	106467
1,2-Dichloroethane	MW14R		ND	4	4/12/99	ug/L	490	2	SA	8260B	8260B	107062
Toluene	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	108883
Chlorobenzene	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	108907
2-Chloroethyl vinyl ether	MW14R		ND	20	4/12/99	ug/L	490	2	SA	8260B	8260B	110758
Dibromochloromethane	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	124481
Tetrachloroethene	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	127184
cis-1,2-Dichloroethene	MW14R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	156592
trans-1,2-Dichloroethene	MW14R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	156605
1,3-Dichlorobenzene	MW14R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	541731
Carbon tetrachloride	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	56235
Ethanol	MW14R		ND	100	4/12/99	ug/L	490	2	SA	8260B	8260B	64175
Chloroform	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	67663
Benzene	MW14R		ND	4	4/12/99	ug/L	490	2	SA	8260B	8260B	71432
1,1,1-Trichloroethane	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	71556

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Bromomethane	MW14R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	74839
Chloromethane	MW14R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	74873
Chloroethane	MW14R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	75003
Vinyl chloride	MW14R		ND	2	4/12/99	ug/L	490	2	SA	8260B	8260B	75014
Methylene chloride	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	75092
Bromoform	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	75252
Bromodichloromethane	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	75274
1,1-Dichloroethane	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	75343
1,1-Dichloroethene	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	75354
Dichlorofluoromethane	MW14R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	75434
Trichlorofluoromethane	MW14R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	75694
1,2-Dichloropropane	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	78875
2-Butanone (MEK)	MW14R		ND	50	4/12/99	ug/L	490	2	SA	8260B	8260B	78933
1,1,2-Trichloroethane	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	79005
Trichloroethene	MW14R		ND	4	4/12/99	ug/L	490	2	SA	8260B	8260B	79016
1,1,2,2-Tetrachloroethane	MW14R		ND	5	4/12/99	ug/L	490	2	SA	8260B	8260B	79345
1,2-Dichlorobenzene	MW14R		ND	10	4/12/99	ug/L	490	2	SA	8260B	8260B	95501
Lead	MW14R		ND	5	4/12/99	ug/L	490	2	SA	6010B	6010B	7439921
Arsenic	MW14R		ND	10	4/12/99	ug/L	490	2	SA	6010B	6010B	7440382
Lead	MW14R		ND	5	4/12/99	ug/L	490	2	SA	6010B	6010B	7439921
Arsenic	MW14R		ND	10	4/12/99	ug/L	490	2	SA	6010B	6010B	7440382
Cadmium	MW14R		ND	4.9	4/12/99	ug/L	490	2	SA	6010B	6010B	7440439
Nickel	MW14R		ND	40	4/12/99	ug/L	490	2	SA	6010B	6010B	7440020
Cadmium	MW14R		ND	4.9	4/12/99	ug/L	490	2	SA	6010B	6010B	7440439
Chromium	MW14R		ND	10	4/12/99	ug/L	490	2	SA	6010B	6010B	7440473
Zinc	MW14R		ND	20	4/12/99	ug/L	490	2	SA	6010B	6010B	7440666
Nickel	MW14R		ND	40	4/12/99	ug/L	490	2	SA	6010B	6010B	7440020
Chromium	MW14R		ND	10	4/12/99	ug/L	490	2	SA	6010B	6010B	7440473
Zinc	MW14R		ND	20	4/12/99	ug/L	490	2	SA	6010B	6010B	7440666
Total Phenols	02FBD		ND	0.013	4/13/99	mg/L	490	4	FB	420.2	420.2	Q541
Aroclor 1260	02FBD		ND	0.5	4/13/99	ug/L	490	4	FB	8082	8082	11096825
Aroclor 1254	02FBD		ND	0.5	4/13/99	ug/L	490	4	FB	8082	8082	11097691
Aroclor 1221	02FBD		ND	0.5	4/13/99	ug/L	490	4	FB	8082	8082	11104282

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Aroclor 1232	02FBD		ND	0.5	4/13/99	ug/L	490	4	FB	8082	8082	11141165
Aroclor 1248	02FBD		ND	0.5	4/13/99	ug/L	490	4	FB	8082	8082	12672296
Aroclor 1016	02FBD		ND	0.5	4/13/99	ug/L	490	4	FB	8082	8082	12674112
Aroclor 1242	02FBD		ND	0.5	4/13/99	ug/L	490	4	FB	8082	8082	53469219
Ethylbenzene	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	100414
cis-1,3-Dichloropropene	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	10061015
trans-1,3-Dichloropropene	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	10061026
1,4-Dichlorobenzene	02FBD		ND	10	4/13/99	ug/L	490	4	FB	8260B	8260B	106467
1,2-Dichloroethane	02FBD		ND	4	4/13/99	ug/L	490	4	FB	8260B	8260B	107062
Toluene	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	108883
Chlorobenzene	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	108907
2-Chloroethyl vinyl ether	02FBD		ND	20	4/13/99	ug/L	490	4	FB	8260B	8260B	110758
Dibromochloromethane	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	124481
Tetrachloroethene	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	127184
cis-1,2-Dichloroethene	02FBD		ND	10	4/13/99	ug/L	490	4	FB	8260B	8260B	156592
trans-1,2-Dichloroethene	02FBD		ND	10	4/13/99	ug/L	490	4	FB	8260B	8260B	156605
1,3-Dichlorobenzene	02FBD		ND	10	4/13/99	ug/L	490	4	FB	8260B	8260B	541731
Carbon tetrachloride	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	56235
Ethanol	02FBD		ND	100	4/13/99	ug/L	490	4	FB	8260B	8260B	64175
Chloroform	02FBD		12	5	4/13/99	ug/L	490	4	FB	8260B	8260B	67663
Benzene	02FBD		ND	4	4/13/99	ug/L	490	4	FB	8260B	8260B	71432
1,1,1-Trichloroethane	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	71556
Bromomethane	02FBD		ND	10	4/13/99	ug/L	490	4	FB	8260B	8260B	74839
Chloromethane	02FBD		ND	10	4/13/99	ug/L	490	4	FB	8260B	8260B	74873
Chloroethane	02FBD		ND	10	4/13/99	ug/L	490	4	FB	8260B	8260B	75003
Vinyl chloride	02FBD		ND	2	4/13/99	ug/L	490	4	FB	8260B	8260B	75014
Methylene chloride	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	75092
Bromoform	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	75252
Bromodichloromethane	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	75274
1,1-Dichloroethane	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	75343
1,1-Dichloroethene	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	75354
Dichlorofluoromethane	02FBD		ND	10	4/13/99	ug/L	490	4	FB	8260B	8260B	75434
Trichlorofluoromethane	02FBD		ND	10	4/13/99	ug/L	490	4	FB	8260B	8260B	75694

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
1,2-Dichloropropane	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	78875
2-Butanone (MEK)	02FBD		ND	50	4/13/99	ug/L	490	4	FB	8260B	8260B	78933
1,1,2-Trichloroethane	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	79005
Trichloroethene	02FBD		ND	4	4/13/99	ug/L	490	4	FB	8260B	8260B	79016
1,1,2,2-Tetrachloroethane	02FBD		ND	5	4/13/99	ug/L	490	4	FB	8260B	8260B	79345
1,2-Dichlorobenzene	02FBD		ND	10	4/13/99	ug/L	490	4	FB	8260B	8260B	95501
Lead	02FBD		ND	5	4/13/99	ug/L	490	4	FB	6010B	6010B	7439921
Arsenic	02FBD		ND	10	4/13/99	ug/L	490	4	FB	6010B	6010B	7440382
Lead	02FBD		ND	5	4/13/99	ug/L	490	4	FB	6010B	6010B	7439921
Arsenic	02FBD		ND	10	4/13/99	ug/L	490	4	FB	6010B	6010B	7440382
Cadmium	02FBD		ND	4.9	4/13/99	ug/L	490	4	FB	6010B	6010B	7440439
Nickel	02FBD		ND	40	4/13/99	ug/L	490	4	FB	6010B	6010B	7440020
Cadmium	02FBD		ND	4.9	4/13/99	ug/L	490	4	FB	6010B	6010B	7440439
Chromium	02FBD		ND	10	4/13/99	ug/L	490	4	FB	6010B	6010B	7440473
Zinc	02FBD		ND	20	4/13/99	ug/L	490	4	FB	6010B	6010B	7440666
Nickel	02FBD		ND	40	4/13/99	ug/L	490	4	FB	6010B	6010B	7440020
Chromium	02FBD		ND	10	4/13/99	ug/L	490	4	FB	6010B	6010B	7440473
Zinc	02FBD		ND	20	4/13/99	ug/L	490	4	FB	6010B	6010B	7440666
Total Phenols	MW15R		ND	0.013	4/13/99	mg/L	490	5	SA	420.2	420.2	Q541
Aroclor 1260	MW15R		ND	0.5	4/13/99	ug/L	490	5	SA	8082	8082	11096825
Aroclor 1254	MW15R		ND	0.5	4/13/99	ug/L	490	5	SA	8082	8082	11097691
Aroclor 1221	MW15R		ND	0.5	4/13/99	ug/L	490	5	SA	8082	8082	11104282
Aroclor 1232	MW15R		ND	0.5	4/13/99	ug/L	490	5	SA	8082	8082	11141165
Aroclor 1248	MW15R		ND	0.5	4/13/99	ug/L	490	5	SA	8082	8082	12672296
Aroclor 1016	MW15R		ND	0.5	4/13/99	ug/L	490	5	SA	8082	8082	12674112
Aroclor 1242	MW15R		ND	0.5	4/13/99	ug/L	490	5	SA	8082	8082	53469219
Ethylbenzene	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	100414
cis-1,3-Dichloropropene	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	10061015
trans-1,3-Dichloropropene	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	10061026
1,4-Dichlorobenzene	MW15R		ND	10	4/13/99	ug/L	490	5	SA	8260B	8260B	106467
1,2-Dichloroethane	MW15R		ND	4	4/13/99	ug/L	490	5	SA	8260B	8260B	107062
Toluene	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	108883
Chlorobenzene	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	108907

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
2-Chloroethyl vinyl ether	MW15R		ND	20	4/13/99	ug/L	490	5	SA	8260B	8260B	110758
Dibromochloromethane	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	124481
Tetrachloroethene	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	127184
cis-1,2-Dichloroethene	MW15R		ND	10	4/13/99	ug/L	490	5	SA	8260B	8260B	156592
trans-1,2-Dichloroethene	MW15R		ND	10	4/13/99	ug/L	490	5	SA	8260B	8260B	156605
1,3-Dichlorobenzene	MW15R		ND	10	4/13/99	ug/L	490	5	SA	8260B	8260B	541731
Carbon tetrachloride	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	56235
Ethanol	MW15R		ND	100	4/13/99	ug/L	490	5	SA	8260B	8260B	64175
Chloroform	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	67663
Benzene	MW15R		ND	4	4/13/99	ug/L	490	5	SA	8260B	8260B	71432
1,1,1-Trichloroethane	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	71556
Bromomethane	MW15R		ND	10	4/13/99	ug/L	490	5	SA	8260B	8260B	74839
Chloromethane	MW15R		ND	10	4/13/99	ug/L	490	5	SA	8260B	8260B	74873
Chloroethane	MW15R		ND	10	4/13/99	ug/L	490	5	SA	8260B	8260B	75003
Vinyl chloride	MW15R		ND	2	4/13/99	ug/L	490	5	SA	8260B	8260B	75014
Methylene chloride	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	75092
Bromoform	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	75252
Bromodichloromethane	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	75274
1,1-Dichloroethane	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	75343
1,1-Dichloroethene	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	75354
Dichlorofluoromethane	MW15R		ND	10	4/13/99	ug/L	490	5	SA	8260B	8260B	75434
Trichlorofluoromethane	MW15R		ND	10	4/13/99	ug/L	490	5	SA	8260B	8260B	75694
1,2-Dichloropropane	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	78875
2-Butanone (MEK)	MW15R		ND	50	4/13/99	ug/L	490	5	SA	8260B	8260B	78933
1,1,2-Trichloroethane	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	79005
Trichloroethene	MW15R		ND	4	4/13/99	ug/L	490	5	SA	8260B	8260B	79016
1,1,2,2-Tetrachloroethane	MW15R		ND	5	4/13/99	ug/L	490	5	SA	8260B	8260B	79345
1,2-Dichlorobenzene	MW15R		ND	10	4/13/99	ug/L	490	5	SA	8260B	8260B	95501
Lead	MW15R		ND	5	4/13/99	ug/L	490	5	SA	6010B	6010B	7439921
Arsenic	MW15R		ND	10	4/13/99	ug/L	490	5	SA	6010B	6010B	7440382
Lead	MW15R		ND	5	4/13/99	ug/L	490	5	SA	6010B	6010B	7439921
Arsenic	MW15R		ND	10	4/13/99	ug/L	490	5	SA	6010B	6010B	7440382
Cadmium	MW15R		ND	4.9	4/13/99	ug/L	490	5	SA	6010B	6010B	7440439

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Nickel	MW15R		ND	40	4/13/99	ug/L	490	5	SA	6010B	6010B	7440020
Cadmium	MW15R		ND	4.9	4/13/99	ug/L	490	5	SA	6010B	6010B	7440439
Chromium	MW15R		ND	10	4/13/99	ug/L	490	5	SA	6010B	6010B	7440473
Zinc	MW15R		ND	20	4/13/99	ug/L	490	5	SA	6010B	6010B	7440666
Nickel	MW15R		ND	40	4/13/99	ug/L	490	5	SA	6010B	6010B	7440020
Chromium	MW15R		ND	10	4/13/99	ug/L	490	5	SA	6010B	6010B	7440473
Zinc	MW15R		ND	20	4/13/99	ug/L	490	5	SA	6010B	6010B	7440666
Total Phenols	MW36R		ND	0.013	4/13/99	mg/L	490	7	SA	420.2	420.2	Q541
Aroclor 1260	MW36R		ND	0.5	4/13/99	ug/L	490	7	SA	8082	8082	11096825
Aroclor 1254	MW36R		ND	0.5	4/13/99	ug/L	490	7	SA	8082	8082	11097691
Aroclor 1221	MW36R		ND	0.5	4/13/99	ug/L	490	7	SA	8082	8082	11104282
Aroclor 1232	MW36R		ND	0.5	4/13/99	ug/L	490	7	SA	8082	8082	11141165
Aroclor 1248	MW36R		ND	0.5	4/13/99	ug/L	490	7	SA	8082	8082	12672296
Aroclor 1016	MW36R		ND	0.5	4/13/99	ug/L	490	7	SA	8082	8082	12674112
Aroclor 1242	MW36R		ND	0.5	4/13/99	ug/L	490	7	SA	8082	8082	53469219
Ethylbenzene	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	100414
cis-1,3-Dichloropropene	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	10061015
trans-1,3-Dichloropropene	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	10061026
1,4-Dichlorobenzene	MW36R		ND	10	4/13/99	ug/L	490	7	SA	8260B	8260B	106467
1,2-Dichloroethane	MW36R		ND	4	4/13/99	ug/L	490	7	SA	8260B	8260B	107062
Toluene	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	108883
Chlorobenzene	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	108907
2-Chloroethyl vinyl ether	MW36R		ND	20	4/13/99	ug/L	490	7	SA	8260B	8260B	110758
Dibromochloromethane	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	124481
Tetrachloroethene	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	127184
cis-1,2-Dichloroethene	MW36R		ND	10	4/13/99	ug/L	490	7	SA	8260B	8260B	156592
trans-1,2-Dichloroethene	MW36R		ND	10	4/13/99	ug/L	490	7	SA	8260B	8260B	156605
1,3-Dichlorobenzene	MW36R		ND	10	4/13/99	ug/L	490	7	SA	8260B	8260B	541731
Carbon tetrachloride	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	56235
Ethanol	MW36R		ND	100	4/13/99	ug/L	490	7	SA	8260B	8260B	64175
Chloroform	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	67663
Benzene	MW36R		ND	4	4/13/99	ug/L	490	7	SA	8260B	8260B	71432
1,1,1-Trichloroethane	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	71556

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Bromomethane	MW36R		ND	10	4/13/99	ug/L	490	7	SA	8260B	8260B	74839
Chloromethane	MW36R		ND	10	4/13/99	ug/L	490	7	SA	8260B	8260B	74873
Chloroethane	MW36R		ND	10	4/13/99	ug/L	490	7	SA	8260B	8260B	75003
Vinyl chloride	MW36R		ND	2	4/13/99	ug/L	490	7	SA	8260B	8260B	75014
Methylene chloride	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	75092
Bromoform	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	75252
Bromodichloromethane	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	75274
1,1-Dichloroethane	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	75343
1,1-Dichloroethene	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	75354
Dichlorofluoromethane	MW36R		ND	10	4/13/99	ug/L	490	7	SA	8260B	8260B	75434
Trichlorofluoromethane	MW36R		ND	10	4/13/99	ug/L	490	7	SA	8260B	8260B	75694
1,2-Dichloropropane	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	78875
2-Butanone (MEK)	MW36R		ND	50	4/13/99	ug/L	490	7	SA	8260B	8260B	78933
1,1,2-Trichloroethane	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	79005
Trichloroethene	MW36R		ND	4	4/13/99	ug/L	490	7	SA	8260B	8260B	79016
1,1,2,2-Tetrachloroethane	MW36R		ND	5	4/13/99	ug/L	490	7	SA	8260B	8260B	79345
1,2-Dichlorobenzene	MW36R		ND	10	4/13/99	ug/L	490	7	SA	8260B	8260B	95501
Lead	MW36R		ND	5	4/13/99	ug/L	490	7	SA	6010B	6010B	7439921
Arsenic	MW36R		ND	10	4/13/99	ug/L	490	7	SA	6010B	6010B	7440382
Lead	MW36R		ND	5	4/13/99	ug/L	490	7	SA	6010B	6010B	7439921
Arsenic	MW36R		ND	10	4/13/99	ug/L	490	7	SA	6010B	6010B	7440382
Cadmium	MW36R		ND	4.9	4/13/99	ug/L	490	7	SA	6010B	6010B	7440439
Nickel	MW36R		ND	40	4/13/99	ug/L	490	7	SA	6010B	6010B	7440020
Cadmium	MW36R		ND	4.9	4/13/99	ug/L	490	7	SA	6010B	6010B	7440439
Chromium	MW36R		ND	10	4/13/99	ug/L	490	7	SA	6010B	6010B	7440473
Zinc	MW36R		ND	20	4/13/99	ug/L	490	7	SA	6010B	6010B	7440666
Nickel	MW36R		ND	40	4/13/99	ug/L	490	7	SA	6010B	6010B	7440020
Chromium	MW36R		ND	10	4/13/99	ug/L	490	7	SA	6010B	6010B	7440473
Zinc	MW36R		ND	20	4/13/99	ug/L	490	7	SA	6010B	6010B	7440666
Total Phenols	DUP1		ND	0.013	4/13/99	mg/L	490	8	FD	420.2	420.2	Q541
Aroclor 1260	DUP1		ND	0.5	4/13/99	ug/L	490	8	FD	8082	8082	11096825
Aroclor 1254	DUP1		ND	0.5	4/13/99	ug/L	490	8	FD	8082	8082	11097691
Aroclor 1221	DUP1		ND	0.5	4/13/99	ug/L	490	8	FD	8082	8082	11104282

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Aroclor 1232	DUP1		ND	0.5	4/13/99	ug/L	490	8	FD	8082	8082	11141165
Aroclor 1248	DUP1		ND	0.5	4/13/99	ug/L	490	8	FD	8082	8082	12672296
Aroclor 1016	DUP1		ND	0.5	4/13/99	ug/L	490	8	FD	8082	8082	12674112
Aroclor 1242	DUP1		ND	0.5	4/13/99	ug/L	490	8	FD	8082	8082	53469219
Ethylbenzene	DUP1		ND	5	4/13/99	ug/L	490	8	FD	8260B	8260B	100414
cis-1,3-Dichloropropene	DUP1		ND	5	4/13/99	ug/L	490	8	FD	8260B	8260B	10061015
trans-1,3-Dichloropropene	DUP1		ND	5	4/13/99	ug/L	490	8	FD	8260B	8260B	10061026
1,4-Dichlorobenzene	DUP1		ND	10	4/13/99	ug/L	490	8	FD	8260B	8260B	106467
1,2-Dichloroethane	DUP1		ND	4	4/13/99	ug/L	490	8	FD	8260B	8260B	107062
Toluene	DUP1		ND	5	4/13/99	ug/L	490	8	FD	8260B	8260B	108883
Chlorobenzene	DUP1		ND	5	4/13/99	ug/L	490	8	FD	8260B	8260B	108907
2-Chloroethyl vinyl ether	DUP1		ND	20	4/13/99	ug/L	490	8	FD	8260B	8260B	110758
Dibromochloromethane	DUP1		ND	5	4/13/99	ug/L	490	8	FD	8260B	8260B	124481
Tetrachloroethene	DUP1		ND	5	4/13/99	ug/L	490	8	FD	8260B	8260B	127184
cis-1,2-Dichloroethene	DUP1		ND	10	4/13/99	ug/L	490	8	FD	8260B	8260B	156592
trans-1,2-Dichloroethene	DUP1		ND	10	4/13/99	ug/L	490	8	FD	8260B	8260B	156605
1,3-Dichlorobenzene	DUP1		ND	10	4/13/99	ug/L	490	8	FD	8260B	8260B	541731
Carbon tetrachloride	DUP1		ND	5	4/13/99	ug/L	490	8	FD	8260B	8260B	56235
Ethanol	DUP1		ND	100	4/13/99	ug/L	490	8	FD	8260B	8260B	64175
Chloroform	DUP1		ND	5	4/13/99	ug/L	490	8	FD	8260B	8260B	67663
Benzene	DUP1		ND	4	4/13/99	ug/L	490	8	FD	8260B	8260B	71432
1,1,1-Trichloroethane	DUP1		ND	5	4/13/99	ug/L	490	8	FD	8260B	8260B	71556
Bromomethane	DUP1		ND	10	4/13/99	ug/L	490	8	FD	8260B	8260B	74839
Chloromethane	DUP1		ND	10	4/13/99	ug/L	490	8	FD	8260B	8260B	74873
Chloroethane	DUP1		ND	10	4/13/99	ug/L	490	8	FD	8260B	8260B	75003
Vinyl chloride	DUP1		ND	2	4/13/99	ug/L	490	8	FD	8260B	8260B	75014
Methylene chloride	DUP1		ND	5	4/13/99	ug/L	490	8	FD	8260B	8260B	75092
Bromoform	DUP1		ND	5	4/13/99	ug/L	490	8	FD	8260B	8260B	75252
Bromodichloromethane	DUP1		ND	5	4/13/99	ug/L	490	8	FD	8260B	8260B	75274
1,1-Dichloroethane	DUP1		ND	5	4/13/99	ug/L	490	8	FD	8260B	8260B	75343
1,1-Dichloroethene	DUP1		ND	5	4/13/99	ug/L	490	8	FD	8260B	8260B	75354
Dichlorofluoromethane	DUP1		ND	10	4/13/99	ug/L	490	8	FD	8260B	8260B	75434
Trichlorofluoromethane	DUP1		ND	10	4/13/99	ug/L	490	8	FD	8260B	8260B	75694

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
1,2-Dichloropropane	DUP1		ND	5	4/13/99	ug/L	490	8	FD	8260B	8260B	78875
2-Butanone (MEK)	DUP1		ND	50	4/13/99	ug/L	490	8	FD	8260B	8260B	78933
1,1,2-Trichloroethane	DUP1		ND	5	4/13/99	ug/L	490	8	FD	8260B	8260B	79005
Trichloroethene	DUP1		ND	4	4/13/99	ug/L	490	8	FD	8260B	8260B	79016
1,1,2,2-Tetrachloroethane	DUP1		ND	5	4/13/99	ug/L	490	8	FD	8260B	8260B	79345
1,2-Dichlorobenzene	DUP1		ND	10	4/13/99	ug/L	490	8	FD	8260B	8260B	95501
Lead	DUP1		ND	5	4/13/99	ug/L	490	8	FD	6010B	6010B	7439921
Arsenic	DUP1		ND	10	4/13/99	ug/L	490	8	FD	6010B	6010B	7440382
Lead	DUP1		ND	5	4/13/99	ug/L	490	8	FD	6010B	6010B	7439921
Arsenic	DUP1		ND	10	4/13/99	ug/L	490	8	FD	6010B	6010B	7440382
Cadmium	DUP1		ND	4.9	4/13/99	ug/L	490	8	FD	6010B	6010B	7440439
Nickel	DUP1		ND	40	4/13/99	ug/L	490	8	FD	6010B	6010B	7440020
Cadmium	DUP1		ND	4.9	4/13/99	ug/L	490	8	FD	6010B	6010B	7440439
Chromium	DUP1		ND	10	4/13/99	ug/L	490	8	FD	6010B	6010B	7440473
Zinc	DUP1		ND	20	4/13/99	ug/L	490	8	FD	6010B	6010B	7440666
Nickel	DUP1		ND	40	4/13/99	ug/L	490	8	FD	6010B	6010B	7440020
Chromium	DUP1		ND	10	4/13/99	ug/L	490	8	FD	6010B	6010B	7440473
Zinc	DUP1		ND	20	4/13/99	ug/L	490	8	FD	6010B	6010B	7440666
Total Phenols	DRAIN		ND	0.013	4/13/99	mg/L	490	1	SA	420.2	420.2	Q541
Aroclor 1260	DRAIN		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	11096825
Aroclor 1254	DRAIN		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	11097691
Aroclor 1221	DRAIN		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	11104282
Aroclor 1232	DRAIN		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	11141165
Aroclor 1248	DRAIN		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	12672296
Aroclor 1016	DRAIN		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	12674112
Aroclor 1242	DRAIN		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	53469219
Ethylbenzene	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	100414
cis-1,3-Dichloropropene	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	10061015
trans-1,3-Dichloropropene	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	10061026
1,4-Dichlorobenzene	DRAIN		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	106467
1,2-Dichloroethane	DRAIN		ND	4	4/13/99	ug/L	490	1	SA	8260B	8260B	107062
Toluene	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	108883
Chlorobenzene	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	108907

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Date	Units	Project Code	Field Sample ID	Sample Type	Lab Analysis Method	EPA Method	Analyte ID
2-Chloroethyl vinyl ether	DRAIN		ND	20	4/13/99	ug/L	490	1	SA	8260B	8260B	110758
Dibromochloromethane	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	124481
Tetrachloroethene	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	127184
cis-1,2-Dichloroethene	DRAIN		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	156592
trans-1,2-Dichloroethene	DRAIN		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	156605
1,3-Dichlorobenzene	DRAIN		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	541731
Carbon tetrachloride	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	56235
Ethanol	DRAIN		ND	100	4/13/99	ug/L	490	1	SA	8260B	8260B	64175
Chloroform	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	67663
Benzene	DRAIN		ND	4	4/13/99	ug/L	490	1	SA	8260B	8260B	71432
1,1,1-Trichloroethane	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	71556
Bromomethane	DRAIN		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	74839
Chloromethane	DRAIN		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	74873
Chloroethane	DRAIN		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	75003
Vinyl chloride	DRAIN		ND	2	4/13/99	ug/L	490	1	SA	8260B	8260B	75014
Methylene chloride	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	75092
Bromoform	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	75252
Bromodichloromethane	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	75274
1,1-Dichloroethane	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	75343
1,1-Dichloroethene	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	75354
Dichlorofluoromethane	DRAIN		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	75434
Trichlorofluoromethane	DRAIN		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	75694
1,2-Dichloropropane	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	78875
2-Butanone (MEK)	DRAIN		ND	50	4/13/99	ug/L	490	1	SA	8260B	8260B	78933
1,1,2-Trichloroethane	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	79005
Trichloroethene	DRAIN		ND	4	4/13/99	ug/L	490	1	SA	8260B	8260B	79016
1,1,2,2-Tetrachloroethane	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	79345
1,2-Dichlorobenzene	DRAIN		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	95501
Lead	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	6010B	6010B	7439921
Arsenic	DRAIN		ND	10	4/13/99	ug/L	490	1	SA	6010B	6010B	7440382
Cadmium	DRAIN		ND	4.9	4/13/99	ug/L	490	1	SA	6010B	6010B	7440439
Lead	DRAIN		ND	5	4/13/99	ug/L	490	1	SA	6010B	6010B	7439921
Arsenic	DRAIN		ND	10	4/13/99	ug/L	490	1	SA	6010B	6010B	7440382

APPENDIX F

OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA

(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)

WASTE MANAGEMENT OF OHIO-VICKERY

PHASE I RFI

Analyte Name	Sample Location	Detection Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Cadmium	DRAIN		ND	4.9	4/13/99	ug/L	490	1	SA	6010B	6010B	7440439
Nickel	DRAIN		ND	40	4/13/99	ug/L	490	1	SA	6010B	6010B	7440020
Chromium	DRAIN		ND	10	4/13/99	ug/L	490	1	SA	6010B	6010B	7440473
Zinc	DRAIN		ND	20	4/13/99	ug/L	490	1	SA	6010B	6010B	7440666
Nickel	DRAIN		ND	40	4/13/99	ug/L	490	1	SA	6010B	6010B	7440020
Chromium	DRAIN		ND	10	4/13/99	ug/L	490	1	SA	6010B	6010B	7440473
Zinc	DRAIN		ND	20	4/13/99	ug/L	490	1	SA	6010B	6010B	7440666
Total Phenols	MW16R		ND	0.013	4/13/99	mg/L	490	1	SA	420.2	420.2	Q541
Aroclor 1260	MW16R		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	11096825
Aroclor 1254	MW16R		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	11097691
Aroclor 1221	MW16R		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	11104282
Aroclor 1232	MW16R		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	11141165
Aroclor 1248	MW16R		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	12672296
Aroclor 1016	MW16R		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	12674112
Aroclor 1242	MW16R		ND	0.5	4/13/99	ug/L	490	1	SA	8082	8082	53469219
Ethylbenzene	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	100414
cis-1,3-Dichloropropene	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	10061015
trans-1,3-Dichloropropene	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	10061026
1,4-Dichlorobenzene	MW16R		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	106467
1,2-Dichloroethane	MW16R		ND	4	4/13/99	ug/L	490	1	SA	8260B	8260B	107062
Toluene	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	108883
Chlorobenzene	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	108907
2-Chloroethyl vinyl ether	MW16R		ND	20	4/13/99	ug/L	490	1	SA	8260B	8260B	110758
Dibromochloromethane	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	124481
Tetrachloroethene	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	127184
cis-1,2-Dichloroethene	MW16R		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	156592
trans-1,2-Dichloroethene	MW16R		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	156605
1,3-Dichlorobenzene	MW16R		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	541731
Carbon tetrachloride	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	56235
Ethanol	MW16R		ND	100	4/13/99	ug/L	490	1	SA	8260B	8260B	64175
Chloroform	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	67663
Benzene	MW16R		ND	4	4/13/99	ug/L	490	1	SA	8260B	8260B	71432
1,1,1-Trichloroethane	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	71556

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Bromomethane	MW16R		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	74839
Chloromethane	MW16R		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	74873
Chloroethane	MW16R		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	75003
Vinyl chloride	MW16R		ND	2	4/13/99	ug/L	490	1	SA	8260B	8260B	75014
Methylene chloride	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	75092
Bromoform	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	75252
Bromodichloromethane	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	75274
1,1-Dichloroethane	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	75343
1,1-Dichloroethene	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	75354
Dichlorofluoromethane	MW16R		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	75434
Trichlorofluoromethane	MW16R		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	75694
1,2-Dichloropropane	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	78875
2-Butanone (MEK)	MW16R		ND	50	4/13/99	ug/L	490	1	SA	8260B	8260B	78933
1,1,2-Trichloroethane	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	79005
Trichloroethene	MW16R		ND	4	4/13/99	ug/L	490	1	SA	8260B	8260B	79016
1,1,2,2-Tetrachloroethane	MW16R		ND	5	4/13/99	ug/L	490	1	SA	8260B	8260B	79345
1,2-Dichlorobenzene	MW16R		ND	10	4/13/99	ug/L	490	1	SA	8260B	8260B	95501
Lead	MW16R		ND	5	4/13/99	ug/L	490	1	SA	6010B	6010B	7439921
Arsenic	MW16R		ND	10	4/13/99	ug/L	490	1	SA	6010B	6010B	7440382
Cadmium	MW16R		ND	4.9	4/13/99	ug/L	490	1	SA	6010B	6010B	7440439
Lead	MW16R		ND	5	4/13/99	ug/L	490	1	SA	6010B	6010B	7439921
Arsenic	MW16R		ND	10	4/13/99	ug/L	490	1	SA	6010B	6010B	7440382
Nickel	MW16R		ND	40	4/13/99	ug/L	490	1	SA	6010B	6010B	7440020
Chromium	MW16R		ND	10	4/13/99	ug/L	490	1	SA	6010B	6010B	7440473
Zinc	MW16R		ND	20	4/13/99	ug/L	490	1	SA	6010B	6010B	7440666
Nickel	MW16R		ND	40	4/13/99	ug/L	490	1	SA	6010B	6010B	7440020
Cadmium	MW16R		ND	4.9	4/13/99	ug/L	490	1	SA	6010B	6010B	7440439
Chromium	MW16R		ND	10	4/13/99	ug/L	490	1	SA	6010B	6010B	7440473
Zinc	MW16R		ND	20	4/13/99	ug/L	490	1	SA	6010B	6010B	7440666
Total Phenols	TBK1		ND	0.013	4/14/99	mg/L	490	2	TB	420.2	420.2	Q541
Aroclor 1260	TBK1		ND	0.5	4/14/99	ug/L	490	2	TB	8082	8082	11096825
Aroclor 1254	TBK1		ND	0.5	4/14/99	ug/L	490	2	TB	8082	8082	11097691
Aroclor 1221	TBK1		ND	0.5	4/14/99	ug/L	490	2	TB	8082	8082	11104282

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
Aroclor 1232	TBK1		ND	0.5	4/14/99	ug/L	490	2	TB	8082	8082	11141165
Aroclor 1248	TBK1		ND	0.5	4/14/99	ug/L	490	2	TB	8082	8082	12672296
Aroclor 1016	TBK1		ND	0.5	4/14/99	ug/L	490	2	TB	8082	8082	12674112
Aroclor 1242	TBK1		ND	0.5	4/14/99	ug/L	490	2	TB	8082	8082	53469219
Lead	TBK1		ND	5	4/14/99	ug/L	490	2	TB	6010B	6010B	7439921
Arsenic	TBK1		ND	10	4/14/99	ug/L	490	2	TB	6010B	6010B	7440382
Cadmium	TBK1		ND	4.9	4/14/99	ug/L	490	2	TB	6010B	6010B	7440439
Lead	TBK1		ND	5	4/14/99	ug/L	490	2	TB	6010B	6010B	7439921
Arsenic	TBK1		ND	10	4/14/99	ug/L	490	2	TB	6010B	6010B	7440382
Nickel	TBK1		ND	40	4/14/99	ug/L	490	2	TB	6010B	6010B	7440020
Chromium	TBK1		ND	10	4/14/99	ug/L	490	2	TB	6010B	6010B	7440473
Zinc	TBK1		ND	20	4/14/99	ug/L	490	2	TB	6010B	6010B	7440666
Nickel	TBK1		ND	40	4/14/99	ug/L	490	2	TB	6010B	6010B	7440020
Cadmium	TBK1		ND	4.9	4/14/99	ug/L	490	2	TB	6010B	6010B	7440439
Chromium	TBK1		ND	10	4/14/99	ug/L	490	2	TB	6010B	6010B	7440473
Zinc	TBK1		ND	20	4/14/99	ug/L	490	2	TB	6010B	6010B	7440666
Ethylbenzene	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	100414
cis-1,3-Dichloropropene	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	10061015
trans-1,3-Dichloropropene	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	10061026
1,4-Dichlorobenzene	TBK1		ND	10	4/14/99	ug/L	490	3	TB	8260B	8260B	106467
1,2-Dichloroethane	TBK1		ND	4	4/14/99	ug/L	490	3	TB	8260B	8260B	107062
Toluene	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	108883
Chlorobenzene	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	108907
2-Chloroethyl vinyl ether	TBK1		ND	20	4/14/99	ug/L	490	3	TB	8260B	8260B	110758
Dibromochloromethane	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	124481
Tetrachloroethene	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	127184
cis-1,2-Dichloroethene	TBK1		ND	10	4/14/99	ug/L	490	3	TB	8260B	8260B	156592
trans-1,2-Dichloroethene	TBK1		ND	10	4/14/99	ug/L	490	3	TB	8260B	8260B	156605
1,3-Dichlorobenzene	TBK1		ND	10	4/14/99	ug/L	490	3	TB	8260B	8260B	541731
Carbon tetrachloride	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	56235
Ethanol	TBK1		ND	100	4/14/99	ug/L	490	3	TB	8260B	8260B	64175
Chloroform	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	67663
Benzene	TBK1		ND	4	4/14/99	ug/L	490	3	TB	8260B	8260B	71432

APPENDIX F
OCTOBER 1998 AND APRIL 1999 GROUNDWATER DATA
(MW14R,MW15R,MW16R,MW20R,MW24R,MW30R,MW36R,MW37R,DRAIN,DUP1,02FBB,02FBD,TBK1)
WASTE MANAGEMENT OF OHIO-VICKERY
PHASE I RFI

Analyte Name	Sample Location	Detect Flag	Result Text	Report Limit	Field Sdate	Units	Project Code	Field Sample ID	Sample type	Lab Analysis Method	EPA Method	Analyte ID
1,1,1-Trichloroethane	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	71556
Bromomethane	TBK1		ND	10	4/14/99	ug/L	490	3	TB	8260B	8260B	74839
Chloromethane	TBK1		ND	10	4/14/99	ug/L	490	3	TB	8260B	8260B	74873
Chloroethane	TBK1		ND	10	4/14/99	ug/L	490	3	TB	8260B	8260B	75003
Vinyl chloride	TBK1		ND	2	4/14/99	ug/L	490	3	TB	8260B	8260B	75014
Methylene chloride	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	75092
Bromoform	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	75252
Bromodichloromethane	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	75274
1,1-Dichloroethane	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	75343
1,1-Dichloroethene	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	75354
Dichlorofluoromethane	TBK1		ND	10	4/14/99	ug/L	490	3	TB	8260B	8260B	75434
Trichlorofluoromethane	TBK1		ND	10	4/14/99	ug/L	490	3	TB	8260B	8260B	75694
1,2-Dichloropropane	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	78875
2-Butanone (MEK)	TBK1		ND	50	4/14/99	ug/L	490	3	TB	8260B	8260B	78933
1,1,2-Trichloroethane	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	79005
Trichloroethene	TBK1		ND	4	4/14/99	ug/L	490	3	TB	8260B	8260B	79016
1,1,2,2-Tetrachloroethane	TBK1		ND	5	4/14/99	ug/L	490	3	TB	8260B	8260B	79345
1,2-Dichlorobenzene	TBK1		ND	10	4/14/99	ug/L	490	3	TB	8260B	8260B	95501

Notes:

1. All analyses were performed by Quanterra Laboratory.
2. Field Sdate = sample collection date.
3. Detect Flag column includes:
   - MSF = Due to limited sample volume, the required matrix spike/matrix spike duplicate was not performed. For precision control, laboratory control spike/laboratory control spike duplicate was performed.
   - Wa = Post digestion spike recovery fell between 40-85% due to matrix interference.
4. Sample type column includes:
   - SA = Sample
   - FD = Field Duplicate
   - FB = Field Blank
   - TB = Trip Blank