United States Environmental Protection Agency
Region 7
901 N. 5th Street
Kansas City, KS 66101

Date: FEB 7 2011

Subject: Transmittal of Sample Analysis Results for ASR #: 5013 GE IAD

Project ID: CHGERCRA

Project Description: GE - RCRA site sampling

From: Michael F. Davis, Chief 2/8/11
Chemical Analysis and Response Branch, Environmental Services Division

To: Cynthia Hutchison
AWMD/RCAP

Enclosed are the analytical data for the above-referenced Analytical Services Request (ASR) and Project. The Regional Laboratory has reviewed and verified the results in accordance with procedures described in our Quality Manual (QM). In addition to all of the analytical results, this transmittal contains pertinent information that may have influenced the reported results and documents any deviations from the established requirements of the QM.

Please contact us within 14 days of receipt of this package if you determine there is a need for any changes. Please complete the enclosed Customer Satisfaction Survey and Data Disposition/Sample Release memo for this ASR as soon as possible. The process of disposing of the samples for this ASR will be initiated 30 days from the date of this transmittal unless an alternate release date is specified on the Data Disposition/Sample Release memo.

If you have any questions or concerns relating to this data package, contact our customer service line at 913-551-5295.

Enclosures

cc: Analytical Data File.

512796
A006
RCRA

Project Manager: Cynthia Hutchison **Org:** AWMD/RCAP **Phone:** 913-551-7478

Project ID: CHGERCRA

Project Desc: GE - RCRA site sampling

Location: West Burlington **State:** Iowa **Program:** RCRA Corrective Action

Purpose: Site Characterization

GPRA PRC: 302D99C

RCRA Site ID: IAD005272703.

Explanation of Codes, Units and Qualifiers used on this report

Sample QC Codes: QC Codes identify the type of sample for quality control purpose.

__ = Field Sample
FB = Field Blank
FD = Field Duplicate

Units: Specific units in which results are reported.

% = Percent
mg/L = Milligrams per Liter
mg/kg = Milligrams per Kilogram
ug/L = Micrograms per Liter
ug/kg = Micrograms per Kilogram

Data Qualifiers: Specific codes used in conjunction with data values to provide additional information on the quality of reported results, or used to explain the absence of a specific value.

(Blank)= Values have been reviewed and found acceptable for use.
J = The identification of the analyte is acceptable; the reported value is an estimate.
U = The analyte was not detected at or above the reporting limit.
UJ = The analyte was not detected at or above the reporting limit. The reporting limit is an estimate.

ASR Number: 5013 **Sample Information Summary** **02/07/2011**

Project ID: CHGERCRA **Project Desc:** GE - RCRA site sampling

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
1	- __	Solid	Location 001 (2-4' bgs)	GE-01-SL-001	12/08/2010	14:13	12/08/2010	14:21	12/09/2010
2	- __	Solid	Location 001 (6-8' bgs)	GE-02-SL-001	12/08/2010	14:26	12/08/2010	14:40	12/09/2010
3	- __	Solid	Location 001 (9-11' bgs)	GE-03-SL-001	12/08/2010	14:46	12/08/2010	14:54	12/09/2010
4	- __	Solid	Location 002 (2-4' bgs)	GE-01-SL-002	12/08/2010	13:30	12/08/2010	13:37	12/09/2010
5	- __	Solid	Location 002 (6-8' bgs)	GE-02-SL-002	12/08/2010	13:42	12/08/2010	13:50	12/09/2010
6	- __	Solid	Location 002 (9-11' bgs)	GE-03-SL-002	12/08/2010	13:56	12/08/2010	14:04	12/09/2010
7	- __	Solid	Location 003 (2-4' bgs)	GE-01-SL-003	12/08/2010	12:40	12/08/2010	12:49	12/09/2010
8	- __	Solid	Location 003 (6-8' bgs)	GE-02-SL-003	12/08/2010	12:54	12/08/2010	13:02	12/09/2010
9	- __	Solid	Location 003 (9-12' bgs)	GE-03-SL-003	12/08/2010	13:04	12/08/2010	13:19	12/09/2010
9	- FD	Solid	Field Duplicate of sample 9		12/08/2010	13:04	12/08/2010	13:19	12/09/2010
11	- __	Solid	Location 005 (1-3' bgs)	GE-01-SL-005	12/08/2010	09:26	12/08/2010	09:38	12/09/2010
12	- __	Solid	Location 005 (4-6' bgs)	GE-02-SL-005	12/08/2010	09:41	12/08/2010	09:51	12/09/2010
13	- __	Solid	Location 005 (6-8' bgs)	GE-03-SL-005	12/08/2010	09:52	12/08/2010	10:01	12/09/2010
14	- __	Solid	Location 006 (1-3' bgs)	GE-01-SL-006	12/08/2010	10:09	12/08/2010	10:20	12/09/2010
15	- __	Solid	Location 006 (3-6' bgs)	GE-02-SL-006	12/08/2010	10:21	12/08/2010	10:38	12/09/2010
15	- FD	Solid	Field Duplicate of sample 15		12/08/2010	10:21	12/08/2010	10:38	12/09/2010
17	- __	Solid	Location 006 (6-8' bgs)	GE-04-SL-006	12/08/2010	10:36	12/08/2010	10:44	12/09/2010
18	- __	Solid	Location 006 (9-11' bgs)	GE-05-SL-006	12/08/2010	10:45	12/08/2010	10:53	12/09/2010
101	- __	Water	Location 003, GW	GE-01-GW-003	12/08/2010	15:15	12/08/2010	15:40	12/09/2010
101	- FD	Water	Field Duplicate of sample 101		12/08/2010	15:15	12/08/2010	15:40	12/09/2010
103	- __	Water	Location 004, GW	GE-01-GW-004	12/08/2010	13:50	12/08/2010	14:31	12/09/2010
104	- __	Water	Location 006, GW	GE-01-GW-006	12/08/2010	11:40	12/08/2010	11:49	12/09/2010
105	- __	Water	Equipment Blank - soil	GE-01-EB-001	12/08/2010	10:20	12/08/2010	10:25	12/09/2010
106	- __	Water	Equipment Blank - GW	GE-02-EB-001	12/08/2010	15:45	12/08/2010	15:50	12/09/2010
108	- FB	Water	Routine water VOA Trip Blank sample		12/08/2010	09:21	12/08/2010	09:22	12/09/2010

Analysis **Comments About Results For This Analysis**

1 Cyanide, Total in Soil

Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3135.2J used to determine 'Total' results.

Basis: Dry

Samples:

1-__	2-__	3-__	4-__	5-__	6-__	7-__
8-__	9-__	9-FD	11-__	12-__	13-__	14-__
15-__	15-FD	17-__	18-__			

Comments:

1 Percent Solid

Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3142.9F

Basis: N/A

Samples:

1-__	2-__	3-__	4-__	5-__	6-__	7-__
8-__	9-__	9-FD	11-__	12-__	13-__	14-__
15-__	15-FD	17-__	18-__			

Comments:
(N/A)

1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES

Lab: Region 7 ESAT Contract Lab (In-House)

Method: EPA Region 7 RLAB Method 3122.3D

Basis: Dry

Samples:

1-__	2-__	3-__	4-__	5-__	6-__	7-__
8-__	9-__	9-FD	11-__	12-__	13-__	14-__
15-__	15-FD	17-__	18-__			

Comments:
Selenium (69 , 70 75-117) was UJ-coded in sample 1. This analyte was not found in the sample at or above the reporting limit, however, the reporting limit is an estimate (UJ-coded) due to low recovery of this analyte in the laboratory matrix spike. The actual reporting limit for this analyte may be higher than the reported value.

1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap

Lab: Region 7 ESAT Contract Lab (In-House)

Method: EPA Region 7 RLAB Method 3230.16E

Basis: Dry

Samples:

1-__	2-__	3-__	4-__	5-__	6-__	7-__
8-__	9-__	9-FD	11-__	12-__	13-__	14-__

Analysis **Comments About Results For This Analysis**

Samples: 15-__ 15-FD 17-__ 18-__

Comments:

Reporting Limits: The reporting limits were raised for all samples due to the weight and percent solid. Samples 2, 5, 8, and 18 were also diluted a factor of approximately 5, due to low internal standard recoveries.

1,2-Dibromo-3-Chloropropane (21.33%RSD)was UJ-coded in samples 1, 2, 3, 4, 5, 6, 7, 8, 9, ,9-FD, 11, 12, 13, 14, 15, 15-FD, 17, and 18. This analyte was not found in the samples at or above the reporting limit, however, the reporting limit is an estimate (UJ-coded) due to the initial instrument calibration curve not meeting linearity specifications. The actual reporting limit may be higher than the reported value.

Acetone (-20.4,%) was J-coded in samples 1, 3, 4, 6, 7, 9, 9-FD, 11, 12, 13, 14, 15-FD, and 17. Although the analytes in question have been positively identified in the samples, the quantitation is an estimate (J-coded) due to the continuing calibration check not meeting accuracy specifications. The actual concentration for these analytes may be lower than the reported value.

Methyl Acetate (+25.4%), 2-Butanone (+31.7%), and 4-Methyl-2-Pentanone (+20.6%) were UJ-coded in samples 15, 2, 5, 8, and 18. These analytes were not found in the samples at or above the reporting limit, however, the reporting limit is an estimate (UJ-coded) due to the continuing calibration check not meeting accuracy specifications. The actual reporting limit for these analytes may be higher than the reported value.

1 Cyanide, Total in Water

Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3135.2J used to determine 'Total' results.

Samples: 101-__ 101-FD 103-__ 104-__ 105-__ 106-__

Comments:

(N/A)

1 Metals in Water by ICP/MS

Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3123.1C

Samples: 101-__ 101-FD 103-__ 104-__ 105-__ 106-__

Comments:

Dilutions were necessary in order to obtain valid results for Be due to matrix interferences for samples 101 FD, 103 and 104. This increased the reporting limit by a factor of 100 for these samples.

1 VOCs in Water by GC/MS for Low Detection Limits

Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Analysis	Comments About Results For This Analysis

Method: EPA Region 7 RLAB Method 3230.13D

Samples: 101-__ 101-FD 103-__ 104-__ 105-__ 106-__ 108-FB

Comments:

ASR Number: 5013 **RLAB Approved Sample Analysis Results** **02/07/2011**

Project ID: CHGERCRA **Project Desc:** GE - RCRA site sampling

Analysis/ Analyte	Units	1-__	2-__	3-__	4-__
1 Cyanide, Total in Soil					
Cyanide	mg/kg	0.493 U	0.446 U	0.304 U	0.305 U
1 Percent Solid					
Solids, percent	%	75.8	81.0	79.8	77.1
1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES					
Arsenic	mg/kg	5.9 U	4.2 U	4.7 U	9.7
Barium	mg/kg	209	101	163	219
Cadmium	mg/kg	4.1	1.3	2.2	5.3
Chromium	mg/kg	17.0	14.2	15.7	19.6
Lead	mg/kg	17.9	9.7	12.0	18.7
Selenium	mg/kg	11.7 UJ	8.4 U	9.3 U	10.1 U
Silver	mg/kg	2.3 U	1.7 U	1.9 U	2.0 U
1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap					
Acetone	ug/kg	33 J	17 U	39 J	34 J
Benzene	ug/kg	6.2 U	17 U	5.8 U	5.9 U
Bromodichloromethane	ug/kg	6.2 U	17 U	5.8 U	5.9 U
Bromoform	ug/kg	6.2 U	17 U	5.8 U	5.9 U
Bromomethane	ug/kg	6.2 U	17 U	5.8 U	5.9 U
2-Butanone	ug/kg	6.2 U	17 UJ	5.8 U	5.9 U
Carbon Disulfide	ug/kg	6.2 U	17 U	5.8 U	5.9 U
Carbon Tetrachloride	ug/kg	6.2 U	17 U	5.8 U	5.9 U
Chlorobenzene	ug/kg	6.2 U	17 U	5.8 U	5.9 U
Chloroethane	ug/kg	6.2 U	17 U	5.8 U	5.9 U
Chloroform	ug/kg	6.2 U	17 U	5.8 U	5.9 U
Chloromethane	ug/kg	6.2 U	17 U	5.8 U	5.9 U
Cyclohexane	ug/kg	6.2 U	17 U	5.8 U	5.9 U
1,2-Dibromo-3-Chloropropane	ug/kg	6.2 UJ	17 UJ	5.8 UJ	5.9 UJ
Dibromochloromethane	ug/kg	6.2 U	17 U	5.8 U	5.9 U
1,2-Dibromoethane	ug/kg	6.2 U	17 U	5.8 U	5.9 U
1,2-Dichlorobenzene	ug/kg	6.2 U	17 U	5.8 U	5.9 U
1,3-Dichlorobenzene	ug/kg	6.2 U	17 U	5.8 U	5.9 U
1,4-Dichlorobenzene	ug/kg	6.2 U	17 U	5.8 U	5.9 U
Dichlorodifluoromethane	ug/kg	6.2 U	17 U	5.8 U	5.9 U
1,1-Dichloroethane	ug/kg	6.2 U	17 U	5.8 U	5.9 U
1,2-Dichloroethane	ug/kg	6.2 U	17 U	5.8 U	5.9 U
1,1-Dichloroethene	ug/kg	6.2 U	17 U	5.8 U	5.9 U
cis-1,2-Dichloroethene	ug/kg	6.2 U	17 U	5.8 U	5.9 U
trans-1,2-Dichloroethene	ug/kg	6.2 U	17 U	5.8 U	5.9 U
1,2-Dichloropropane	ug/kg	6.2 U	17 U	5.8 U	5.9 U
cis-1,3-Dichloropropene	ug/kg	6.2 U	17 U	5.8 U	5.9 U
trans-1,3-Dichloropropene	ug/kg	6.2 U	17 U	5.8 U	5.9 U
Ethyl Benzene	ug/kg	6.2 U	17 U	5.8 U	5.9 U
2-Hexanone	ug/kg	6.2 U	17 U	5.8 U	5.9 U
Isopropylbenzene	ug/kg	6.2 U	17 U	5.8 U	5.9 U
Methyl Acetate	ug/kg	6.2 U	17 UJ	5.8 U	5.9 U
Methyl tert-butyl ether	ug/kg	6.2 U	17 U	5.8 U	5.9 U

Analysis/ Analyte	Units	1-__	2-__	3-__	4-__
Methylcyclohexane	ug/kg	6.2 U	17 U	5.8 U	5.9 U
Methylene Chloride	ug/kg	6.2 U	17 U	5.8 U	5.9 U
4-Methyl-2-Pentanone	ug/kg	6.2 U	17 UJ	5.8 U	5.9 U
Naphthalene	ug/kg	12 U	33 U	12 U	12 U
Styrene	ug/kg	6.2 U	17 U	5.8 U	5.9 U
1,1,2,2-Tetrachloroethane	ug/kg	6.2 U	17 U	5.8 U	5.9 U
Tetrachloroethene	ug/kg	6.2 U	17 U	5.8 U	5.9 U
Toluene	ug/kg	6.2 U	17 U	5.8 U	5.9 U
1,2,3-Trichlorobenzene	ug/kg	6.2 U	17 U	5.8 U	5.9 U
1,2,4-Trichlorobenzene	ug/kg	6.2 U	17 U	5.8 U	5.9 U
1,1,1-Trichloroethane	ug/kg	6.2 U	17 U	5.8 U	5.9 U
1,1,2-Trichloroethane	ug/kg	6.2 U	17 U	5.8 U	5.9 U
Trichloroethene	ug/kg	6.2 U	17 U	5.8 U	5.9 U
Trichlorofluoromethane	ug/kg	6.2 U	17 U	5.8 U	5.9 U
1,1,2-Trichlorotrifluoroethane	ug/kg	6.2 U	17 U	5.8 U	5.9 U
Vinyl Chloride	ug/kg	6.2 U	17 U	5.8 U	5.9 U
m and/or p-Xylene	ug/kg	6.2 U	17 U	5.8 U	5.9 U
o-Xylene	ug/kg	6.2 U	17 U	5.8 U	5.9 U

Analysis/ Analyte	Units	5-__	6-__	7-__	8-__
1 Cyanide, Total in Soil					
Cyanide	mg/kg	0.287 U	0.298 U	0.470 U	0.298 U
1 Percent Solid					
Solids, percent	%	80.7	81.4	77.0	79.1
1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES					
Arsenic	mg/kg	5.5 U	6.6 U	15.1	5.7
Barium	mg/kg	107	131	182	132
Cadmium	mg/kg	2.4	2.1	5.9	2.7
Chromium	mg/kg	16.2	16.7	18.6	16.1
Lead	mg/kg	10.7	15.6	18.6	11.0
Selenium	mg/kg	10.9 U	13.2 U	9.2 U	9.8 U
Silver	mg/kg	2.2 U	2.6 U	1.8 U	2.0 U
1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap					
Acetone	ug/kg	22 U	26 J	74 J	15 U
Benzene	ug/kg	22 U	5.2 U	6.0 U	15 U
Bromodichloromethane	ug/kg	22 U	5.2 U	6.0 U	15 U
Bromoform	ug/kg	22 U	5.2 U	6.0 U	15 U
Bromomethane	ug/kg	22 U	5.2 U	6.0 U	15 U
2-Butanone	ug/kg	22 UJ	5.2 U	6.0 U	15 UJ
Carbon Disulfide	ug/kg	22 U	5.2 U	6.0 U	15 U
Carbon Tetrachloride	ug/kg	22 U	5.2 U	6.0 U	15 U
Chlorobenzene	ug/kg	22 U	5.2 U	6.0 U	15 U
Chloroethane	ug/kg	22 U	5.2 U	6.0 U	15 U
Chloroform	ug/kg	22 U	5.2 U	6.0 U	15 U
Chloromethane	ug/kg	22 U	5.2 U	6.0 U	15 U
Cyclohexane	ug/kg	22 U	5.2 U	6.0 U	15 U
1,2-Dibromo-3-Chloropropane	ug/kg	22 UJ	5.2 UJ	6.0 UJ	15 UJ
Dibromochloromethane	ug/kg	22 U	5.2 U	6.0 U	15 U
1,2-Dibromoethane	ug/kg	22 U	5.2 U	6.0 U	15 U
1,2-Dichlorobenzene	ug/kg	22 U	5.2 U	6.0 U	15 U
1,3-Dichlorobenzene	ug/kg	22 U	5.2 U	6.0 U	15 U
1,4-Dichlorobenzene	ug/kg	22 U	5.2 U	6.0 U	15 U
Dichlorodifluoromethane	ug/kg	22 U	5.2 U	6.0 U	15 U
1,1-Dichloroethane	ug/kg	22 U	5.2 U	6.0 U	15 U
1,2-Dichloroethane	ug/kg	22 U	5.2 U	6.0 U	15 U
1,1-Dichloroethene	ug/kg	22 U	5.2 U	6.0 U	15 U
cis-1,2-Dichloroethene	ug/kg	22 U	5.2 U	6.0 U	15 U
trans-1,2-Dichloroethene	ug/kg	22 U	5.2 U	6.0 U	15 U
1,2-Dichloropropane	ug/kg	22 U	5.2 U	6.0 U	15 U
cis-1,3-Dichloropropene	ug/kg	22 U	5.2 U	6.0 U	15 U
trans-1,3-Dichloropropene	ug/kg	22 U	5.2 U	6.0 U	15 U
Ethyl Benzene	ug/kg	22 U	5.2 U	6.0 U	15 U
2-Hexanone	ug/kg	22 U	5.2 U	6.0 U	15 U
Isopropylbenzene	ug/kg	22 U	5.2 U	6.0 U	15 U
Methyl Acetate	ug/kg	22 UJ	5.2 U	6.0 U	15 UJ
Methyl tert-butyl ether	ug/kg	22 U	5.2 U	6.0 U	15 U

Analysis/ Analyte	Units	5-__	6-__	7-__	8-__
Methylcyclohexane	ug/kg	22 U	5.2 U	6.0 U	15 U
Methylene Chloride	ug/kg	22 U	5.2 U	6.0 U	15 U
4-Methyl-2-Pentanone	ug/kg	22 UJ	5.2 U	6.0 U	15 UJ
Naphthalene	ug/kg	43 U	10 U	12 U	30 U
Styrene	ug/kg	22 U	5.2 U	6.0 U	15 U
1,1,2,2-Tetrachloroethane	ug/kg	22 U	5.2 U	6.0 U	15 U
Tetrachloroethene	ug/kg	22 U	5.2 U	6.0 U	15 U
Toluene	ug/kg	22 U	5.2 U	6.0 U	15 U
1,2,3-Trichlorobenzene	ug/kg	22 U	5.2 U	6.0 U	15 U
1,2,4-Trichlorobenzene	ug/kg	22 U	5.2 U	6.0 U	15 U
1,1,1-Trichloroethane	ug/kg	22 U	5.2 U	6.0 U	15 U
1,1,2-Trichloroethane	ug/kg	22 U	5.2 U	6.0 U	15 U
Trichloroethene	ug/kg	22 U	9.4	6.0 U	47
Trichlorofluoromethane	ug/kg	22 U	5.2 U	6.0 U	15 U
1,1,2-Trichlorotrifluoroethane	ug/kg	22 U	5.2 U	6.0 U	15 U
Vinyl Chloride	ug/kg	22 U	5.2 U	6.0 U	15 U
m and/or p-Xylene	ug/kg	22 U	5.2 U	6.0 U	15 U
o-Xylene	ug/kg	22 U	5.2 U	6.0 U	15 U

Analysis/ Analyte	Units	9-__	9-FD	11-__	12-__
1 Cyanide, Total in Soil					
Cyanide	mg/kg	0.426 U	0.412 U	0.287 U	0.516 U
1 Percent Solid					
Solids, percent	%	78.6	80.6	80.5	77.6
1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES					
Arsenic	mg/kg	6.2 U	6.7 U	4.2 U	6.1 U
Barium	mg/kg	155	485	175	267
Cadmium	mg/kg	2.5	3.2	2.9	2.9
Chromium	mg/kg	21.0	17.1	14.6	15.6
Lead	mg/kg	11.9	13.2	20.0	17.4
Selenium	mg/kg	12.5 U	13.4 U	8.4 U	12.2 U
Silver	mg/kg	2.5 U	2.7 U	1.7 U	2.4 U
1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap					
Acetone	ug/kg	52 J	39 J	76 J	34 J
Benzene	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
Bromodichloromethane	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
Bromoform	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
Bromomethane	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
2-Butanone	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
Carbon Disulfide	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
Carbon Tetrachloride	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
Chlorobenzene	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
Chloroethane	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
Chloroform	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
Chloromethane	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
Cyclohexane	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
1,2-Dibromo-3-Chloropropane	ug/kg	5.8 UJ	5.6 UJ	5.5 UJ	5.6 UJ
Dibromochloromethane	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
1,2-Dibromoethane	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
1,2-Dichlorobenzene	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
1,3-Dichlorobenzene	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
1,4-Dichlorobenzene	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
Dichlorodifluoromethane	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
1,1-Dichloroethane	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
1,2-Dichloroethane	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
1,1-Dichloroethene	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
cis-1,2-Dichloroethene	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
trans-1,2-Dichloroethene	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
1,2-Dichloropropane	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
cis-1,3-Dichloropropene	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
trans-1,3-Dichloropropene	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
Ethyl Benzene	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
2-Hexanone	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
Isopropylbenzene	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
Methyl Acetate	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
Methyl tert-butyl ether	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U

Analysis/ Analyte	Units	9-__	9-FD	11-__	12-__
Methylcyclohexane	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
Methylene Chloride	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
4-Methyl-2-Pentanone	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
Naphthalene	ug/kg	12 U	11 U	11 U	11 U
Styrene	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
1,1,2,2-Tetrachloroethane	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
Tetrachloroethene	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
Toluene	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
1,2,3-Trichlorobenzene	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
1,2,4-Trichlorobenzene	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
1,1,1-Trichloroethane	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
1,1,2-Trichloroethane	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
Trichloroethene	ug/kg	21	16	5.5 U	5.6 U
Trichlorofluoromethane	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
1,1,2-Trichlorotrifluoroethane	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
Vinyl Chloride	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
m and/or p-Xylene	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U
o-Xylene	ug/kg	5.8 U	5.6 U	5.5 U	5.6 U

ASR Number: 5013 **RLAB Approved Sample Analysis Results** **02/07/2011**

Project ID: CHGERCRA **Project Desc:** GE - RCRA site sampling

Analysis/ Analyte	Units	13-__	14-__	15-__	15-FD
1 Cyanide, Total in Soil					
Cyanide	mg/kg	0.264 U	0.520 U	0.591 U	0.501 U
1 Percent Solid					
Solids, percent	%	77.0	81.1	77.8	76.2
1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES					
Arsenic	mg/kg	4.1 U	6.4 U	9.9	9.0
Barium	mg/kg	139	204	144	171
Cadmium	mg/kg	3.3	3.7	4.4	5.3
Chromium	mg/kg	18.3	18.2	19.7	20.9
Lead	mg/kg	15.1	26.3	21.8	13.4
Selenium	mg/kg	8.2 U	12.8 U	13.4 U	12.0 U
Silver	mg/kg	1.6 U	2.6 U	2.7 U	2.4 U
1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap					
Acetone	ug/kg	35 J	94 J	37	46 J
Benzene	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
Bromodichloromethane	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
Bromoform	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
Bromomethane	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
2-Butanone	ug/kg	6.2 U	6.8 U	5.6 UJ	6.4 U
Carbon Disulfide	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
Carbon Tetrachloride	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
Chlorobenzene	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
Chloroethane	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
Chloroform	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
Chloromethane	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
Cyclohexane	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
1,2-Dibromo-3-Chloropropane	ug/kg	6.2 UJ	6.8 UJ	5.6 UJ	6.4 UJ
Dibromochloromethane	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
1,2-Dibromoethane	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
1,2-Dichlorobenzene	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
1,3-Dichlorobenzene	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
1,4-Dichlorobenzene	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
Dichlorodifluoromethane	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
1,1-Dichloroethane	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
1,2-Dichloroethane	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
1,1-Dichloroethene	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
cis-1,2-Dichloroethene	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
trans-1,2-Dichloroethene	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
1,2-Dichloropropane	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
cis-1,3-Dichloropropene	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
trans-1,3-Dichloropropene	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
Ethyl Benzene	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
2-Hexanone	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
Isopropylbenzene	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
Methyl Acetate	ug/kg	6.2 U	6.8 U	5.6 UJ	6.4 U
Methyl tert-butyl ether	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U

Analysis/ Analyte	Units	13-__	14-__	15-__	15-FD
Methylcyclohexane	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
Methylene Chloride	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
4-Methyl-2-Pentanone	ug/kg	6.2 U	6.8 U	5.6 UJ	6.4 U
Naphthalene	ug/kg	12 U	14 U	11 U	13 U
Styrene	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
1,1,2,2-Tetrachloroethane	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
Tetrachloroethene	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
Toluene	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
1,2,3-Trichlorobenzene	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
1,2,4-Trichlorobenzene	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
1,1,1-Trichloroethane	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
1,1,2-Trichloroethane	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
Trichloroethene	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
Trichlorofluoromethane	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
1,1,2-Trichlorotrifluoroethane	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
Vinyl Chloride	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
m and/or p-Xylene	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U
o-Xylene	ug/kg	6.2 U	6.8 U	5.6 U	6.4 U

Analysis/ Analyte	Units	17-__	18-__	101-__	101-FD
1 Cyanide, Total in Soil					
Cyanide	mg/kg	0.310 U	0.311 U		
1 Percent Solid					
Solids, percent	%	79.3	79.9		
1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES					
Arsenic	mg/kg	5.4	6.3 U		
Barium	mg/kg	122	136		
Cadmium	mg/kg	2.4	2.5		
Chromium	mg/kg	17.1	18.4		
Lead	mg/kg	11.6	16.0		
Selenium	mg/kg	10.1 U	12.6 U		
Silver	mg/kg	2.0 U	2.5 U		
1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap					
Acetone	ug/kg	32 J	23 U		
Benzene	ug/kg	5.6 U	23 U		
Bromodichloromethane	ug/kg	5.6 U	23 U		
Bromoform	ug/kg	5.6 U	23 U		
Bromomethane	ug/kg	5.6 U	23 U		
2-Butanone	ug/kg	5.6 U	23 UJ		
Carbon Disulfide	ug/kg	5.6 U	23 U		
Carbon Tetrachloride	ug/kg	5.6 U	23 U		
Chlorobenzene	ug/kg	5.6 U	23 U		
Chloroethane	ug/kg	5.6 U	23 U		
Chloroform	ug/kg	5.6 U	23 U		
Chloromethane	ug/kg	5.6 U	23 U		
Cyclohexane	ug/kg	5.6 U	23 U		
1,2-Dibromo-3-Chloropropane	ug/kg	5.6 UJ	23 UJ		
Dibromochloromethane	ug/kg	5.6 U	23 U		
1,2-Dibromoethane	ug/kg	5.6 U	23 U		
1,2-Dichlorobenzene	ug/kg	5.6 U	23 U		
1,3-Dichlorobenzene	ug/kg	5.6 U	23 U		
1,4-Dichlorobenzene	ug/kg	5.6 U	23 U		
Dichlorodifluoromethane	ug/kg	5.6 U	23 U		
1,1-Dichloroethane	ug/kg	5.6 U	23 U		
1,2-Dichloroethane	ug/kg	5.6 U	23 U		
1,1-Dichloroethene	ug/kg	5.6 U	23 U		
cis-1,2-Dichloroethene	ug/kg	5.6 U	23 U		
trans-1,2-Dichloroethene	ug/kg	5.6 U	23 U		
1,2-Dichloropropane	ug/kg	5.6 U	23 U		
cis-1,3-Dichloropropene	ug/kg	5.6 U	23 U		
trans-1,3-Dichloropropene	ug/kg	5.6 U	23 U		
Ethyl Benzene	ug/kg	5.6 U	23 U		
2-Hexanone	ug/kg	5.6 U	23 U		
Isopropylbenzene	ug/kg	5.6 U	23 U		
Methyl Acetate	ug/kg	5.6 U	23 UJ		
Methyl tert-butyl ether	ug/kg	5.6 U	23 U		

Analysis/ Analyte	Units	17-__	18-__	101-__	101-FD
Methylcyclohexane	ug/kg	5.6 U	23 U		
Methylene Chloride	ug/kg	5.6 U	23 U		
4-Methyl-2-Pentanone	ug/kg	5.6 U	23 UJ		
Naphthalene	ug/kg	11 U	45 U		
Styrene	ug/kg	5.6 U	23 U		
1,1,2,2-Tetrachloroethane	ug/kg	5.6 U	23 U		
Tetrachloroethene	ug/kg	5.6 U	23 U		
Toluene	ug/kg	5.6 U	23 U		
1,2,3-Trichlorobenzene	ug/kg	5.6 U	23 U		
1,2,4-Trichlorobenzene	ug/kg	5.6 U	23 U		
1,1,1-Trichloroethane	ug/kg	5.6 U	23 U		
1,1,2-Trichloroethane	ug/kg	5.6 U	23 U		
Trichloroethene	ug/kg	5.6 U	23 U		
Trichlorofluoromethane	ug/kg	5.6 U	23 U		
1,1,2-Trichlorotrifluoroethane	ug/kg	5.6 U	23 U		
Vinyl Chloride	ug/kg	5.6 U	23 U		
m and/or p-Xylene	ug/kg	5.6 U	23 U		
o-Xylene	ug/kg	5.6 U	23 U		
1 Cyanide, Total in Water					
Cyanide	mg/L			0.0100 U	0.0100 U
1 Metals in Water by ICP/MS					
Antimony	ug/L			2.0 U	2.0 U
Arsenic	ug/L			22.2	15.0
Barium	ug/L			392	307
Beryllium	ug/L			1.0 U	100 U
Cadmium	ug/L			1.5	1.0 U
Chromium	ug/L			48.6	35.8
Cobalt	ug/L			22.9	16.2
Copper	ug/L			29.3	22.2
Lead	ug/L			20.6	13.4
Manganese	ug/L			1920	1320
Nickel	ug/L			60.9	50.1
Selenium	ug/L			5.0 U	5.0 U
Silver	ug/L			1.0 U	1.0 U
Thallium	ug/L			1.0 U	1.0 U
Vanadium	ug/L			71.8	48.6
Zinc	ug/L			119	119
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L			5.0 U	5.0 U
Benzene	ug/L			1.0 U	1.0 U
Bromodichloromethane	ug/L			1.0 U	1.0 U
Bromoform	ug/L			1.0 U	1.0 U
Bromomethane	ug/L			1.0 U	1.0 U
2-Butanone	ug/L			5.0 U	5.0 U
Carbon Disulfide	ug/L			1.0 U	1.0 U

Analysis/ Analyte	Units	17-__	18-__	101-__	101-FD
Carbon Tetrachloride	ug/L			1.0 U	1.0 U
Chlorobenzene	ug/L			1.0 U	1.0 U
Chloroethane	ug/L			1.0 U	1.0 U
Chloroform	ug/L			1.0 U	1.0 U
Chloromethane	ug/L			1.0 U	1.0 U
Cyclohexane	ug/L			1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	ug/L			5.0 U	5.0 U
Dibromochloromethane	ug/L			1.0 U	1.0 U
1,2-Dibromoethane	ug/L			1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L			1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L			1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L			1.0 U	1.0 U
Dichlorodifluoromethane	ug/L			1.0 U	1.0 U
1,1-Dichloroethane	ug/L			1.0 U	1.0 U
1,2-Dichloroethane	ug/L			1.0 U	1.0 U
1,1-Dichloroethene	ug/L			3.3	3.1
cis-1,2-Dichloroethene	ug/L			4.2	4.0
trans-1,2-Dichloroethene	ug/L			1.0 U	1.0 U
1,2-Dichloropropane	ug/L			1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L			1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L			1.0 U	1.0 U
Ethyl Benzene	ug/L			1.0 U	1.0 U
2-Hexanone	ug/L			2.0 U	2.0 U
Isopropylbenzene	ug/L			1.0 U	1.0 U
Methyl Acetate	ug/L			5.0 U	5.0 U
Methyl tert-butyl ether	ug/L			1.0 U	1.0 U
Methylcyclohexane	ug/L			1.0 U	1.0 U
Methylene Chloride	ug/L			1.0 U	1.0 U
4-Methyl-2-Pentanone	ug/L			1.0 U	1.0 U
Naphthalene	ug/L			2.0 U	2.0 U
Styrene	ug/L			1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L			5.0 U	5.0 U
Tetrachloroethene	ug/L			1.0 U	1.0 U
Toluene	ug/L			1.0 U	1.0 U
1,2,3-Trichlorobenzene	ug/L			1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L			1.0 U	1.0 U
1,1,1-Trichloroethane	ug/L			1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L			1.0 U	1.0 U
Trichloroethene	ug/L			130	140
Trichlorofluoromethane	ug/L			1.0 U	1.0 U
1,1,2-Trichlorotrifluoroethane	ug/L			1.0 U	1.0 U
Vinyl Chloride	ug/L			1.0 U	1.0 U
m and/or p-Xylene	ug/L			1.0 U	1.0 U
o-Xylene	ug/L			1.0 U	1.0 U

ASR Number: 5013 **RLAB Approved Sample Analysis Results** **02/07/2011**

Project ID: CHGERCRA **Project Desc:** GE - RCRA site sampling

Analysis/ Analyte	Units	103-__	104-__	105-__	106-__
1 Cyanide, Total in Water					
Cyanide	mg/L	0.0100 U	0.0100 U	0.0100 U	0.0100 U
1 Metals in Water by ICP/MS					
Antimony	ug/L	2.0 U	2.0 U	2.0 U	2.0 U
Arsenic	ug/L	4.9	2.2	1.0 U	1.0 U
Barium	ug/L	492	255	5.0 U	6.3
Beryllium	ug/L	100 U	100 U	1.0 U	1.0 U
Cadmium	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Chromium	ug/L	16.6	8.2	2.0 U	2.0 U
Cobalt	ug/L	5.9	7.5	1.0 U	1.0 U
Copper	ug/L	7.4	5.0	2.0 U	2.0 U
Lead	ug/L	5.3	3.0	1.0 U	1.0 U
Manganese	ug/L	2030	1590	1.0 U	31.9
Nickel	ug/L	22.8	16.4	1.0 U	2.1
Selenium	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Silver	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Thallium	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Vanadium	ug/L	19.5	12.6	1.0 U	1.8
Zinc	ug/L	35.4	51.9	2.0 U	2.8
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	ug/L	1.0 U	1.0 U	3.7	3.2
Chloromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U

Analysis/ Analyte	Units	103-__	104-__	105-__	106-__
cis-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethyl Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	ug/L	2.0 U	2.0 U	2.0 U	2.0 U
Isopropylbenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl Acetate	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert-butyl ether	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylcyclohexane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-Pentanone	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	ug/L	2.0 U	2.0 U	2.0 U	2.0 U
Styrene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	93	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichlorotrifluoroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl Chloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
m and/or p-Xylene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
o-Xylene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U

Analysis/ Analyte	Units	108-FB
1 VOCs in Water by GC/MS for Low Detection Limits		
Acetone	ug/L	5.0 U
Benzene	ug/L	1.0 U
Bromodichloromethane	ug/L	1.0 U
Bromoform	ug/L	1.0 U
Bromomethane	ug/L	1.0 U
2-Butanone	ug/L	5.0 U
Carbon Disulfide	ug/L	1.0 U
Carbon Tetrachloride	ug/L	1.0 U
Chlorobenzene	ug/L	1.0 U
Chloroethane	ug/L	1.0 U
Chloroform	ug/L	1.0 U
Chloromethane	ug/L	1.0 U
Cyclohexane	ug/L	1.0 U
1,2-Dibromo-3-Chloropropane	ug/L	5.0 U
Dibromochloromethane	ug/L	1.0 U
1,2-Dibromoethane	ug/L	1.0 U
1,2-Dichlorobenzene	ug/L	1.0 U
1,3-Dichlorobenzene	ug/L	1.0 U
1,4-Dichlorobenzene	ug/L	1.0 U
Dichlorodifluoromethane	ug/L	1.0 U
1,1-Dichloroethane	ug/L	1.0 U
1,2-Dichloroethane	ug/L	1.0 U
1,1-Dichloroethene	ug/L	1.0 U
cis-1,2-Dichloroethene	ug/L	1.0 U
trans-1,2-Dichloroethene	ug/L	1.0 U
1,2-Dichloropropane	ug/L	1.0 U
cis-1,3-Dichloropropene	ug/L	1.0 U
trans-1,3-Dichloropropene	ug/L	1.0 U
Ethyl Benzene	ug/L	1.0 U
2-Hexanone	ug/L	2.0 U
Isopropylbenzene	ug/L	1.0 U
Methyl Acetate	ug/L	5.0 U
Methyl tert-butyl ether	ug/L	1.0 U
Methylcyclohexane	ug/L	1.0 U
Methylene Chloride	ug/L	1.0 U
4-Methyl-2-Pentanone	ug/L	1.0 U
Naphthalene	ug/L	2.0 U
Styrene	ug/L	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	5.0 U
Tetrachloroethene	ug/L	1.0 U
Toluene	ug/L	1.0 U
1,2,3-Trichlorobenzene	ug/L	1.0 U
1,2,4-Trichlorobenzene	ug/L	1.0 U
1,1,1-Trichloroethane	ug/L	1.0 U
1,1,2-Trichloroethane	ug/L	1.0 U

Analysis/ Analyte	Units	108-FB
Trichloroethene	ug/L	1.0 U
Trichlorofluoromethane	ug/L	1.0 U
1,1,2-Trichlorotrifluoroethane	ug/L	1.0 U
Vinyl Chloride	ug/L	1.0 U
m and/or p-Xylene	ug/L	1.0 U
o-Xylene	ug/L	1.0 U

Cynthia Hutchison

CHAIN OF CUSTODY RECORD
ENVIRONMENTAL PROTECTION AGENCY REGION VII

ACTIVITY LEADER(Print)	NAME OF SURVEY OR ACTIVITY	DATE OF COLLECTION (DAY / MONTH / YEAR)	SHEET
John D. Dixon	CHGERCRA	08 / 12 / 2010	1 of 2

CONTENTS OF SHIPMENT

SAMPLE NUMBER	TYPE OF CONTAINERS: 1 Liter CUBITAINER	8 oz BOTTLE	BOTTLE	VOA SET ~~BOTTLE~~ (4)	VOA SET (2 VIALS EA)	SAMPLED MEDIA: water	soil	sediment	dust	other	RECEIVING LABORATORY REMARKS/OTHER INFORMATION (condition of samples upon receipt, other sample numbers, etc.)
	NUMBERS OF CONTAINERS PER SAMPLE NUMBER										
S013-1		1		1			X				
S013-2		1		3			X				
S013-3		1		1			X				
S013-4		1		1			X				
S013-5		1		1			X				
S013-6		1		1			X				
S013-7		1		1			X				
S013-8		1		1			X				
S013-9		1		1			X				
S013-9FD		1		1			X				
S013-11		1		1			X				
S013-12		1		1			X				
S013-13		1		1			X				
S013-14		1		1			X				
S013-15		1		1			X				
S013-15FD		1		1			X				
S013-17		1		1			X				
S013-18		1		1			X				
S013-101	2				1	X					
S013-101FD	2				1	X					
S013-103	2				3	X					
S013-104	2				1	X					
S013-105	2				1	X					
S013-106	2				1	X					

DESCRIPTION OF SHIPMENT

_____ PIECE(S) CONSISTING OF _____ BOX(ES)

3 ICE CHEST(S); OTHER _____

MODE OF SHIPMENT

X COMMERCIAL CARRIER: Fed-Ex

_____ COURIER

_____ SAMPLER CONVEYED

8746 4439 1804
(SHIPPING DOCUMENT NUMBER)

PERSONNEL CUSTODY RECORD

RELINQUISHED BY (SAMPLER)	DATE	TIME	RECEIVED BY	REASON FOR CHANGE OF CUSTODY
John D. Dixon [X] SEALED [ ] UNSEALED	12/8/2010 ~~12/9/10~~	1945	Nicole Lohr 12/9/10 [ ] SEALED [ ] UNSEALED	Analysis
RELINQUISHED BY [ ] SEALED [ ] UNSEALED	DATE	TIME	RECEIVED BY [ ] SEALED [ ] UNSEALED	REASON FOR CHANGE OF CUSTODY
RELINQUISHED BY [ ] SEALED [ ] UNSEALED	DATE	TIME	RECEIVED BY [ ] SEALED [ ] UNSEALED	REASON FOR CHANGE OF CUSTODY

*U.S. GPO: 2002-756-917/40053

Cynthia Hutchison

CHAIN OF CUSTODY RECORD
ENVIRONMENTAL PROTECTION AGENCY REGION VII

ACTIVITY LEADER(Print)	NAME OF SURVEY OR ACTIVITY	DATE OF COLLECTION (DAY / MONTH / YEAR)	SHEET
John D. Dixon	CHGE RCRA	08 / 12 / 2010	2 of 2

CONTENTS OF SHIPMENT

SAMPLE NUMBER	TYPE OF CONTAINERS: CUBITAINER	BOTTLE	BOTTLE	BOTTLE	VOA SET (2 VIALS EA)	SAMPLED MEDIA: water	soil	sediment	dust	other	RECEIVING LABORATORY REMARKS/OTHER INFORMATION (condition of samples upon receipt, other sample numbers, etc.)
	NUMBERS OF CONTAINERS PER SAMPLE NUMBER										
S013-108FB					1	X					
ASR S013 completed. SDD 12/8/2010											
											Chr. Samps. Rec'd. Set. 0-10 12/9/10

DESCRIPTION OF SHIPMENT

_____ PIECE(S) CONSISTING OF _____ BOX(ES)

3 ICE CHEST(S); OTHER _____

MODE OF SHIPMENT

X COMMERCIAL CARRIER: Fed-Ex

_____ COURIER

_____ SAMPLER CONVEYED

8746 4439 1804 (SHIPPING DOCUMENT NUMBER)

PERSONNEL CUSTODY RECORD

RELINQUISHED BY	DATE	TIME	RECEIVED BY	REASON FOR CHANGE OF CUSTODY
John D. Dixon (SEALED X / UNSEALED)	12/8/2010	1945	Nicole Robb (SEALED X / UNSEALED) 12/9/10	Analysis
RELINQUISHED BY (SEALED / UNSEALED)	DATE	TIME	RECEIVED BY (SEALED / UNSEALED)	REASON FOR CHANGE OF CUSTODY
RELINQUISHED BY (SEALED / UNSEALED)	DATE	TIME	RECEIVED BY (SEALED / UNSEALED)	REASON FOR CHANGE OF CUSTODY

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** 1 **QC Code:** __ **Matrix:** Solid **Tag ID:** 5013-1-__

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Loc 001, ~~3-4~~ 2-4 feet bgs MPW 12/8/10

Storet ID: _____ **External Sample Number:** GE-01-SL-001

Expected Conc: (or Circle One: Low Medium High) **Date** **Time(24 hr)**

Latitude: ___ ___ ___ **Sample Collection: Start:** 12/8/10 14:13
Longitude: ___ ___ ___ **End:** 12/8/10 14:21

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
4 - 40mL VOA vials (soil VOA 5035)	4 Deg C, H2O + sodium bisulfate (in 2 vials)	14	Days	1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap
1 - 8 oz glass	4 Deg C	180	Days	1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES
1 - 8 oz glass	4 Deg C	28	Days	1 Cyanide, Total in Soil
0 -	4 Deg C	0	Days	1 Percent Solid

Sample Comments:

(N/A)

Sample Collected By: ~~JD/BAH~~ MPW/Terraneot

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** 2 **QC Code:** __ **Matrix:** Solid **Tag ID:** 5013-2-__

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Loc 001, ~~6-7~~ 6-8 feet bgs MPW 12/8/10

Storet ID: _____ **External Sample Number:** GE-02-SL-001

Expected Conc: (or Circle One: Low Medium High)

		Date	Time(24 hr)
Latitude: ___ ___ ___	**Sample Collection: Start:**	12/8/10	14:26
Longitude: ___ ___ ___	**End:**	12/8/10	14:40

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
12 ~~4~~ - 40mL VOA vials (soil VOA 5035)	4 Deg C, H2O + sodium bisulfate (in 2 vials)	14	Days	1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap
1 - 8 oz glass	4 Deg C	180	Days	1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES
1 - 8 oz glass	4 Deg C	28	Days	1 Cyanide, Total in Soil
0 -	4 Deg C	0	Days	1 Percent Solid

Sample Comments:

(N/A) + MS/MSD

Sample Collected By: ~~JD/BAH~~ RA / Terranext

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** 3 **QC Code:** __ **Matrix:** Solid **Tag ID:** 5013-3-__

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

9-11

Location Desc: Loc 001, ~~9-10~~ feet bgs
MPW 12/8/10

Storet ID: _____ **External Sample Number:** GE-03-SL-001

Expected Conc: (or Circle One: Low Medium High)

		Date	Time(24 hr)
Latitude: ___ ___ ___	**Sample Collection: Start:**	12/8/10	14:46
Longitude: ___ ___ ___	**End:**	12/8/10	14:54

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
4 - 40mL VOA vials (soil VOA 5035)	4 Deg C, H2O + sodium bisulfate (in 2 vials)	14	Days	1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap
1 - 8 oz glass	4 Deg C	180	Days	1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES
1 - 8 oz glass	4 Deg C	28	Days	1 Cyanide, Total in Soil
0 -	4 Deg C	0	Days	1 Percent Solid

Sample Comments:

(N/A)

Sample Collected By: ~~JD/BAH~~ RA / Terranext

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** 4 **QC Code:** __ **Matrix:** Solid **Tag ID:** 5013-4-__

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Loc 002, ~~3-4~~ 2-4 feet bgs MPW 12/8/10

Storet ID: _____ **External Sample Number:** GE-01-SL-002

Expected Conc: (or Circle One: Low Medium High) **Date** **Time(24 hr)**

Latitude: ___ ___ ___ **Sample Collection: Start:** 12/8/10 13:30

Longitude: ___ ___ ___ **End:** 12/8/10 13:37

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
4 - 40mL VOA vials (soil VOA 5035)	4 Deg C, H2O + sodium bisulfate (in 2 vials)	14	Days	1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap
1 - 8 oz glass	4 Deg C	180	Days	1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES
1 - 8 oz glass	4 Deg C	28	Days	1 Cyanide, Total in Soil
0 -	4 Deg C	0	Days	1 Percent Solid

Sample Comments:

(N/A)

Sample Collected By: JD/BAH MPW / Terranext

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** 5 **QC Code:** __ **Matrix:** Solid **Tag ID:** 5013-5-__

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Loc 002, ~~6-7~~ 6-8 feet bgs
MPW 12/8/10

Storet ID: _____ **External Sample Number:** GE-02-SL-002

Expected Conc: (or Circle One: Low Medium High) **Date** **Time(24 hr)**

Latitude: ___ ___ ___ **Sample Collection: Start:** 12/8/10 13:42

Longitude: ___ ___ ___ **End:** 12/8/10 13:50

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
4 - 40mL VOA vials (soil VOA 5035)	4 Deg C, H2O + sodium bisulfate (in 2 vials)	14	Days	1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap
1 - 8 oz glass	4 Deg C	180	Days	1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES
1 - 8 oz glass	4 Deg C	28	Days	1 Cyanide, Total in Soil
0 -	4 Deg C	0	Days	1 Percent Solid

Sample Comments:

(N/A)

Sample Collected By: ~~JD/BAH~~ MPW/Terranext

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** 6 **QC Code:** __ **Matrix:** Solid **Tag ID:** 5013-6-__

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Loc 002, ~~9-10~~ 9-11 feet bgs MPW 12/8/10

Storet ID: _____ **External Sample Number:** GE-03-SL-002

Expected Conc: (or Circle One: Low Medium High)

		Date	Time(24 hr)
Latitude: ___ ___ ___	**Sample Collection: Start:**	12/8/10	13:56
Longitude: ___ ___ ___	**End:**	12/8/10	14:04

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
4 - 40mL VOA vials (soil VOA 5035)	4 Deg C, H2O + sodium bisulfate (in 2 vials)	14	Days	1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap
1 - 8 oz glass	4 Deg C	180	Days	1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES
1 - 8 oz glass	4 Deg C	28	Days	1 Cyanide, Total in Soil
0 -	4 Deg C	0	Days	1 Percent Solid

Sample Comments:

(N/A)

Sample Collected By: ~~JD/BAH~~ MPW/ Terrenext

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** 7 **QC Code:** __ **Matrix:** Solid **Tag ID:** 5013-7-__

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Loc 003, ~~3-4~~ 2-4 feet bgs
MPW 12/2/10

Storet ID: _____ **External Sample Number:** GE-01-SL-003

Expected Conc: (or Circle One: Low Medium High)

		Date	Time(24 hr)
Latitude: ___ ___ ___	**Sample Collection: Start:**	12/8/10	12:40
Longitude: ___ ___ ___	**End:**	12/8/10	12:49

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
4 - 40mL VOA vials (soil VOA 5035)	4 Deg C, H2O + sodium bisulfate (in 2 vials)	14	Days	1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap
1 - 8 oz glass	4 Deg C	180	Days	1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES
1 - 8 oz glass	4 Deg C	28	Days	1 Cyanide, Total in Soil
0 -	4 Deg C	0	Days	1 Percent Solid

Sample Comments:

(N/A)

Sample Collected By: ~~JD/BAH~~ RA/Terranext

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** 8 **QC Code:** __ **Matrix:** Solid **Tag ID:** 5013-8-__

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Loc 003, ~~6-7~~ 6-8 feet bgs MPW 12/8/10

Storet ID: _____ **External Sample Number:** GE-02-SL-003

Expected Conc: (or Circle One: Low Medium High)

		Date	Time(24 hr)
Latitude: ___ ___ ___	**Sample Collection: Start:**	12/8/10	12:54
Longitude: ___ ___ ___	**End:**	12/8/10	13:02

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
4 - 40mL VOA vials (soil VOA 5035)	4 Deg C, H2O + sodium bisulfate (in 2 vials)	14	Days	1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap
1 - 8 oz glass	4 Deg C	180	Days	1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES
1 - 8 oz glass	4 Deg C	28	Days	1 Cyanide, Total in Soil
0 -	4 Deg C	0	Days	1 Percent Solid

Sample Comments:

(N/A)

Sample Collected By: ~~JD/BAH~~ RA/Terranext

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** 9 **QC Code:** __ **Matrix:** Solid **Tag ID:** 5013-9-__

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Loc 003, ~~9-10~~ 9-12 feet bgs

Storet ID: _____ MPW 12/8/10 **External Sample Number:** GE-03-SL-003

Expected Conc: (or Circle One: Low Medium High)

		Date	Time(24 hr)
Latitude: ___ ___ ___	**Sample Collection: Start:**	12/8/10	13:04
Longitude: ___ ___ ___	**End:**	12/8/10	13:19

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
4 - 40mL VOA vials (soil VOA 5035)	4 Deg C, H2O + sodium bisulfate (in 2 vials)	14	Days	1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap
1 - 8 oz glass	4 Deg C	180	Days	1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES
1 - 8 oz glass	4 Deg C	28	Days	1 Cyanide, Total in Soil
0 -	4 Deg C	0	Days	1 Percent Solid

Sample Comments:

(N/A)

Sample Collected By: ~~JD/BAH~~ MPW / Terranext

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** ~~10~~ 9 JOD 12/2/10 **QC Code:** FD **Matrix:** Solid **Tag ID:** 5013-~~10~~ 9FD JOD 12/2/10

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Loc 003, ~~9 to~~ 9-12 feet bgs, duplicate MPW 12/8/10

Storet ID: _____ **External Sample Number:** GE-04-SL-003

Expected Conc: (or Circle One: Low Medium High)

		Date	Time(24 hr)
Latitude: ___ ___ ___	**Sample Collection: Start:**	12/8/10	13:04
Longitude: ___ ___ ___	**End:**	12/8/10	13:19

Missing @SR 12/9/10

Laboratory Analyses:

Container	Preservative	Holding Time	Analysis
4 - 40mL VOA vials (soil VOA 5035)	4 Deg C, H2O + sodium bisulfate (in 2 vials)	14 Days	1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap
1 - 8 oz glass	4 Deg C	180 Days	1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES
1 - 8 oz glass	4 Deg C	28 Days	1 Cyanide, Total in Soil
0 -	4 Deg C	0 Days	1 Percent Solid

Sample Comments:

(N/A)

Sample Collected By: ~~JD/BAH~~ MPW / Terranext

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** 11 **QC Code:** __ **Matrix:** Solid **Tag ID:** 5013-11-__

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Loc 005, ~~1-2~~ 1-3 feet bgs MPW 12/8/10

Storet ID: _____ **External Sample Number:** GE-01-SL-005

Expected Conc: (or Circle One: Low Medium High)

		Date	Time(24 hr)
Latitude: ___ ___ ___	**Sample Collection: Start:**	12/8/10	09:26
Longitude: ___ ___ ___	**End:**	12/8/10	09:38

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
4 - 40mL VOA vials (soil VOA 5035)	4 Deg C, H2O + sodium bisulfate (in 2 vials)	14	Days	1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap
1 - 8 oz glass	4 Deg C	180	Days	1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES
1 - 8 oz glass	4 Deg C	28	Days	1 Cyanide, Total in Soil
0 -	4 Deg C	0	Days	1 Percent Solid

Sample Comments:

(N/A)

Sample Collected By: ~~JD/BAH~~ RA/ Terranext

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** 12 **QC Code:** __ **Matrix:** Solid **Tag ID:** 5013-12-__

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Loc 005, ~~4-5~~ 4-6 feet bgs
MPW 12/8/10

Storet ID: _____ **External Sample Number:** GE-02-SL-005

Expected Conc: (or Circle One: Low Medium High) **Date** **Time(24 hr)**

Latitude: ___ ___ ___ **Sample Collection: Start:** 12/8/10 09:41
Longitude: ___ ___ ___ **End:** 12/8/10 09:51

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
4 - 40mL VOA vials (soil VOA 5035)	4 Deg C, H2O + sodium bisulfate (in 2 vials)	14	Days	1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap
1 - 8 oz glass	4 Deg C	180	Days	1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES
1 - 8 oz glass	4 Deg C	28	Days	1 Cyanide, Total in Soil
0 -	4 Deg C	0	Days	1 Percent Solid

Sample Comments:

(N/A)

Sample Collected By: ~~JD/BAH~~ ~~AR~~ RA/Terranext
MPW 12/8/11

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** 13 **QC Code:** __ **Matrix:** Solid **Tag ID:** 5013-13-__

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Loc 005, ~~7-8~~ 6-8 feet bgs
MPW 12/8/10

Storet ID: _____ **External Sample Number:** GE-03-SL-005

Expected Conc: (or Circle One: Low Medium High)

		Date	Time(24 hr)
Latitude: ___ ___ ___	**Sample Collection: Start:**	12/8/10	09:52
Longitude: ___ ___ ___	**End:**	12/8/10	10:01

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
4 - 40mL VOA vials (soil VOA 5035)	4 Deg C, H2O + sodium bisulfate (in 2 vials)	14	Days	1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap
1 - 8 oz glass	4 Deg C	180	Days	1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES
1 - 8 oz glass	4 Deg C	28	Days	1 Cyanide, Total in Soil
0 -	4 Deg C	0	Days	1 Percent Solid

Sample Comments:

(N/A)

Sample Collected By: ~~JD/BAH~~ RA/Terranext

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** 14 **QC Code:** __ **Matrix:** Solid **Tag ID:** 5013-14-__

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Loc 006, ~~1-2~~ 1-3 feet bgs
MPW 12/8/10

Storet ID: _____ **External Sample Number:** GE-01-SL-006

Expected Conc: (or Circle One: Low Medium High)

		Date	Time(24 hr)
Latitude: ___ ___ ___	**Sample Collection: Start:**	12/8/10	10:09
Longitude: ___ ___ ___	**End:**	12/8/10	10:20

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
4 - 40mL VOA vials (soil VOA 5035)	4 Deg C, H2O + sodium bisulfate (in 2 vials)	14	Days	1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap
1 - 8 oz glass	4 Deg C	180	Days	1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES
1 - 8 oz glass	4 Deg C	28	Days	1 Cyanide, Total in Soil
0 -	4 Deg C	0	Days	1 Percent Solid

Sample Comments:

(N/A)

Sample Collected By: ~~JD/BAH~~ RA / Terrane pt

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** 15 **QC Code:** __ **Matrix:** Solid **Tag ID:** 5013-15-__

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Loc 006, ~~4-5~~ 3-6 feet bgs MPW 12/8/10

Storet ID: _____ **External Sample Number:** GE-02-SL-006

Expected Conc: (or Circle One: Low Medium High)

		Date	Time(24 hr)
Latitude: ___ ___ ___	**Sample Collection: Start:**	12/8/10	10:21
Longitude: ___ ___ ___	**End:**	12/8/10	10:38

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
4 - 40mL VOA vials (soil VOA 5035)	4 Deg C, H2O + sodium bisulfate (in 2 vials)	14	Days	1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap
1 - 8 oz glass	4 Deg C	180	Days	1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES
1 - 8 oz glass	4 Deg C	28	Days	1 Cyanide, Total in Soil
0 -	4 Deg C	0	Days	1 Percent Solid

Sample Comments:

(N/A)

Sample Collected By: ~~JD/BAH~~ RA / Terranext

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** ~~16~~ 15 **QC Code:** FD **Matrix:** Solid **Tag ID:** 5013-~~16~~ 15FD

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Loc 006, ~~4-5~~ 3-6 feet bgs, duplicate
MPW 12/8/10

Storet ID: _____ **External Sample Number:** GE-03-SL-006

Expected Conc: (or Circle One: Low Medium High)

		Date	Time(24 hr)
Latitude: ___ ___ ___	**Sample Collection: Start:**	12/8/10	10:21
Longitude: ___ ___ ___	**End:**	12/8/10	10:38

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
4 - 40mL VOA vials (soil VOA 5035)	4 Deg C, H2O + sodium bisulfate (in 2 vials)	14	Days	1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap
1 - 8 oz glass	4 Deg C	180	Days	1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES
1 - 8 oz glass	4 Deg C	28	Days	1 Cyanide, Total in Soil
0 -	4 Deg C	0	Days	1 Percent Solid

Sample Comments:

(N/A)

Sample Collected By: ~~JD/BAH~~ RA / Terranext

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** 17 **QC Code:** __ **Matrix:** Solid **Tag ID:** 5013-17-__

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Loc 006, ~~7-8~~ 6-8 feet bgs

Storet ID: MPW 12/8/10 **External Sample Number:** GE-04-SL-006

Expected Conc: (or Circle One: Low Medium High) **Date** **Time(24 hr)**

Latitude: ___ ___ ___ **Sample Collection: Start:** 12/8/10 10:36

Longitude: ___ ___ ___ **End:** 12/8/10 10:44

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
4 - 40mL VOA vials (soil VOA 5035)	4 Deg C, H2O + sodium bisulfate (in 2 vials)	14	Days	1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap
1 - 8 oz glass	4 Deg C	180	Days	1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES
1 - 8 oz glass	4 Deg C	28	Days	1 Cyanide, Total in Soil
0 -	4 Deg C	0	Days	1 Percent Solid

Sample Comments:

(N/A)

Sample Collected By: ~~JD/BAH~~ MPW / Terra Next

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** 18 **QC Code:** __ **Matrix:** Solid **Tag ID:** 5013-18-__

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Loc 006, ~~9-10~~ 9-11 feet bgs
MPW 12/8/10

Storet ID: _____ **External Sample Number:** GE-05-SL-006

Expected Conc: (or Circle One: Low Medium High)

		Date	Time(24 hr)
Latitude: ___ ___ ___	**Sample Collection: Start:**	12/8/10	10:45
Longitude: ___ ___ ___	**End:**	12/8/10	10:53

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
4 - 40mL VOA vials (soil VOA 5035)	4 Deg C, H2O + sodium bisulfate (in 2 vials)	14	Days	1 VOC's in Soil at Low Levels by GC/MS Closed-System Purge-and-Trap
1 - 8 oz glass	4 Deg C	180	Days	1 Total Metals Analysis of TCLP Metals in Soil by ICP-AES
1 - 8 oz glass	4 Deg C	28	Days	1 Cyanide, Total in Soil
0 -	4 Deg C	0	Days	1 Percent Solid

Sample Comments:

(N/A)

Sample Collected By: ~~JD/BAH~~ RA / Terranext

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** 101 **QC Code:** __ **Matrix:** Water **Tag ID:** 5013-101-__

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Loc 003, groundwater

Storet ID: _____ **External Sample Number:** GE-01-GW-003

Expected Conc: (or Circle One: Low Medium High) **Date** **Time(24 hr)**

Latitude: ___ ___ ___ **Sample Collection: Start:** 12/8/10 15:15
Longitude: ___ ___ ___ **End:** 12/8/10 15:40

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
1 - 1 Liter Cubitainer	HNO3 to pH<2	180	Days	1 Metals in Water by ICP/MS
1 - 1 Liter Cubitainer	NaOH to pH >12	14	Days	1 Cyanide, Total in Water
2 - 40mL VOA vial	4 Deg C, HCL to pH<2	14	Days	1 VOCs in Water by GC/MS — LDL per MS G+C# 12/14/10

Sample Comments:
(N/A)

Sample Collected By: JD/BAH

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** ~~102~~ 101 TDD 12/2/10 **QC Code:** FD **Matrix:** Water **Tag ID:** 5013-~~102~~ 101FD TDD 12/2/10

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Loc 003, groundwater, duplicate

Storet ID: _____ **External Sample Number:** GE-02-GW-003

Expected Conc: (or Circle One: Low Medium High) **Date** **Time(24 hr)**

Latitude: ___ ___ ___ **Sample Collection: Start:** 12/8/10 15:15
Longitude: ___ ___ ___ **End:** 12/8/10 15:40

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
1 - 1 Liter Cubitainer	HNO3 to pH<2	180	Days	1 Metals in Water by ICP/MS
1 - 1 Liter Cubitainer	NaOH to pH >12	14	Days	1 Cyanide, Total in Water
2 - 40mL VOA vial	4 Deg C, HCL to pH<2	14	Days	1 VOCs in Water by GC/MS ~LDL per MSG/CK

PJ 12/14/10

Sample Comments:

(N/A)

Sample Collected By: JD/BAH

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** 103 **QC Code:** __ **Matrix:** Water **Tag ID:** 5013-103-__

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Loc 004, groundwater

Storet ID: _____ **External Sample Number:** GE-01-GW-004

Expected Conc: (or Circle One: Low Medium High) **Date** **Time(24 hr)**

Latitude: ___ ___ ___ **Sample Collection: Start:** 12/8/2010 13:50

Longitude: ___ ___ ___ **End:** 12/8/2010 14:31

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
1 - 1 Liter Cubitainer	HNO3 to pH<2	180	Days	1 Metals in Water by ICP/MS
1 - 1 Liter Cubitainer	NaOH to pH >12	14	Days	1 Cyanide, Total in Water
~~2~~ - 40mL VOA vial	4 Deg C, HCL to pH<2	14	Days	1 VOCs in Water by GC/MS – LDL [illegible] MS GtCH 12/14/10

6

Sample Comments:

(N/A) + ms/msD

Sample Collected By: JD/BAH

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** 104 **QC Code:** __ **Matrix:** Water **Tag ID:** 5013-104-__

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Loc 006, groundwater

Storet ID: _____ **External Sample Number:** GE-01-GW-006

Expected Conc: (or Circle One: Low Medium High) **Date** **Time(24 hr)**

Latitude: ___ ___ ___ **Sample Collection: Start:** 12/8/2016 11:40

Longitude: ___ ___ ___ **End:** 12/8/2016 11:49

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
1 - 1 Liter Cubitainer	HNO3 to pH<2	180	Days	1 Metals in Water by ICP/MS
1 - 1 Liter Cubitainer	NaOH to pH >12	14	Days	1 Cyanide, Total in Water
2 - 40mL VOA vial	4 Deg C, HCL to pH<2	14	Days	1 VOCs in Water by GC/MS – LDL per MS GC/CH 12/14/16

Sample Comments:

(N/A)

Sample Collected By: JD/BAH

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** 105 **QC Code:** __ **Matrix:** Water **Tag ID:** 5013-105-__

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Equipment Blank - Soil

Storet ID: _____ **External Sample Number:** GE-01-EB-001

Expected Conc: (or Circle One: Low Medium High) **Date** **Time(24 hr)**

Latitude: ___ ___ ___ **Sample Collection: Start:** 12/8/2010 10:20

Longitude: ___ ___ ___ **End:** 12/8/2010 10:25

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
1 - 1 Liter Cubitainer	HNO3 to pH<2	180	Days	1 Metals in Water by ICP/MS
1 - 1 Liter Cubitainer	NaOH to pH >12	14	Days	1 Cyanide, Total in Water
2 - 40mL VOA vial	4 Deg C, HCL to pH<2	14	Days	1 VOCs in Water by GC/MS — LDL per MS/GC/CH 12/14/10

Sample Comments:

(N/A)

Sample Collected By: JD/BAH

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** 106 **QC Code:** __ **Matrix:** Water **Tag ID:** 5013-106-__

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Equipment Blank, groundwater

Storet ID: _____ **External Sample Number:** GE-02-EB-001

Expected Conc: (or Circle One: Low Medium High) **Date** **Time(24 hr)**

Latitude: ___ ___ ___ **Sample Collection: Start:** 12/8/10 15:45

Longitude: ___ ___ ___ **End:** 12/8/10 15:50

Laboratory Analyses:

Container	Preservative	Holding Time		Analysis
1 - 1 Liter Cubitainer	HNO3 to pH<2	180	Days	1 Metals in Water by ICP/MS
1 - 1 Liter Cubitainer	NaOH to pH >12	14	Days	1 Cyanide, Total in Water
2 - 40mL VOA vial	4 Deg C, HCL to pH<2	14	Days	1 VOCs in Water by GC/MS

Sample Comments:

(N/A)

Sample Collected By: JD/BAH

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

ASR Number: 5013 **Sample Number:** 108 **QC Code:** FB **Matrix:** Water **Tag ID:** 5013-108-FB

Project ID: CHGERCRA **Project Manager:** Cynthia Hutchison
Project Desc: GE - RCRA site sampling
City: West Burlington **State:** Iowa
Program: RCRA Corrective Action

Location Desc: Routine water VOA Trip Blank sample

Storet ID: _____ **External Sample Number:** _____

Expected Conc: (or Circle One: Low Medium High) **Date** **Time(24 hr)**

Latitude: ___ ___ ___ **Sample Collection: Start:** 12/8/10 9:21
Longitude: ___ ___ ___ **End:** 12/8/10 9:22

Laboratory Analyses:

Container	Preservative	Holding Time	Analysis
2 - 40mL VOA vial	4 Deg C, HCL to pH<2	14 Days	1 VOCs in Water by GC/MS — LDL per MSG/CA 12/14/10.

Sample Comments:
(N/A)

Sample Collected By: JD/BAH