

June 27, 2014

Mr. Gary A. Edelstein, PE  
Wisconsin Department of Natural Resources  
Bureau for Remediation and Redevelopment - RR/5  
PO Box 7921  
Madison, WI 53707



**SUBJECT:** Annual Groundwater Monitoring Report and  
Semi-Annual Inspection Report  
April 2014 Monitoring Event  
Stoughton City Landfill  
FID No.113005950 - License No. 00133  
USEPA ID #WID980901219

Dear Mr. Edelstein:

This letter provides the Annual Groundwater Monitoring Report and the Semi-Annual Inspection Report for the April 2014 monitoring events at the Stoughton City Landfill, located in Stoughton, Wisconsin. Ayres Associates conducted the annual groundwater monitoring event on April 25 and 27, 2014, and the semi-annual facility inspection event on April 18, 2014. A CD-ROM with the electronic data files of analytical results is also being submitted to the Wisconsin Department of Natural Resources (WDNR) Central Office, along with the WDNR *Environmental Monitoring Data Certification* Form 4400-231 (R1/04).

## 1.0 SEMI-ANNUAL INSPECTION RESULTS

The semi-annual facility inspection was conducted on April 18, 2014. The following items were noted during the inspection event.

Perimeter Security Fencing – Generally the fencing was in good condition and some boards have been replaced. Site signage was unobstructed and legible. The chain-link fencing at the site was in good condition with no damage or vandalism noted. The gates were in satisfactory condition with both padlocks functioning properly.

Stormwater Management System – No erosion was observed in the drainage channels, and the culverts appeared undamaged. Obstructions included cattails and woody vegetation. Refer to the October 2011 semi-annual inspection report for photographs of these areas.

Landfill Cover – Vegetation on the landfill cap was emerging. No localized areas of ponding or bare soil were observed. Ground was saturated from recent rains.

Landfill Gas Venting System – All 21 gas vents and screens were in good condition and unobstructed. No further action is required for this inspection feature.

Monitoring Wells and Wellhead Covers – An artesian/flowing well is present at MW13I and could not be plugged. Refer to Photograph 2014-04-001 in Attachment A for a depiction of the current condition. One method to potentially eliminate flow from the well is to install an extension for the casing to the level of hydrostatic head, and place a lock on the well cap. The casing will

extend outside the protective well top, but with the expandable cap locked and the elevated casing height, the well be will relatively secure from potential vandalism/contamination. The extension can be removed prior to sampling for access. The elevated well casing (if installed) will need to be evaluated each spring for effects of freeze thaw during cold weather months.

Additionally, a new well plug with the increased length (as compared to previously installed plugs) could be installed at the well location. The increased surface area will provide added resistance to pressure in the well, and potentially stop flow.

All other monitoring wells and wellhead covers are in good condition.

Access Road – The landfill access road at (or near) the fence line was in good condition. Refer to Attachment B for the field form completed during the semi-annual inspection.

## **2.0 BI-MONTHLY GAS MONITORING RESULTS**

Bi-monthly gas monitoring of the three perimeter gas probes was conducted on December 12, 2013, February 24, 2014, and April 18, 2014. Based on the monitoring results, migration of landfill gas to the north of the landfill was not occurring during the event. The completed field forms for the Bi-Monthly Gas Monitoring Inspections are included in Attachment C.

## **3.0 ANNUAL GROUNDWATER MONITORING EVENT**

### **3.1 FIELD PROCEDURES**

The field procedures for groundwater sample collection were conducted in accordance with provisions detailed in the WDNR-approved *Quality Assurance Project Plan (QAPP), Operation and Maintenance, Stoughton City Landfill, Stoughton, Wisconsin* (Ayres Associates , April 2011).

CT Laboratories of Baraboo, Wisconsin, analyzed the groundwater samples for volatile organic compounds (VOCs) including dichlorodifluoromethane (DCDFM) and tetrahydrofuran (THF) by EPA Method SW 8260B.

### **3.2 GROUNDWATER MONITORING ANALYTICAL RESULTS**

A summary of detections and NR 140 Wisconsin Administrative Code standard exceedances from analytical results for the groundwater monitoring event is provided in Table 1. A summary of field parameter measurements as collected during the event is provided as Table 2. A water table elevation summary is included as Table 3.

The laboratory analytical report is enclosed as Attachment D.

#### **3.2.1 Target Compounds at the Shallow Monitoring Wells**

Three shallow monitoring wells were analyzed for either the full list of VOCs by Method 8260B. Analytical results and historical ranges for the current sampling event are summarized in Table 4.

### 3.2.2. Target Compounds at the Intermediate and Deep Monitoring Wells

Ten intermediate and deep monitoring wells were analyzed for the full list of volatile organic compounds (VOCs) by Method 8260B or for dichlorodifluoromethane (DCDFM) and Tetrahydrofuran (THF) only by Method 8260B. Analytical results and historical ranges for the current sampling event are summarized in Table 4.

### 3.3.3 Other VOCs Detected

The following VOCs, in addition to DCDFM and THF, were detected above the preventive action limit (PAL):

Compound	ES (µg/L)	PAL (µg/L)	Result (µg/L)
<b>MW-9I</b>			
Trichloroethylene	5	0.5	<b>0.87</b>
Vinyl Chloride	0.2	0.02	<b>0.18</b>
<b>MW-10I</b>			
Tetrachloroethylene	5	0.5	<b>3.6</b>
Trichloroethylene	5	0.5	<b>0.61</b>
<b>MW-13I</b>			
Tetrahydrofuran	50	10	<b>19</b>
<b>MW-14S</b>			
Tetrachloroethylene	5	0.5	<b>0.88</b>
<b>MW-14I</b>			
Vinyl Chloride	0.2	0.02	<b>0.28</b>

**Notes:**

1. **Bolded** values indicate an exceedance of the NR 140 PAL.
2. **Shaded** values indicate an exceedance of the NR 140 ES.

Several other VOCs were detected at levels below their respective PAL and ES limits as summarized in Table 1.

### 3.3.4 Sampling Plan Deviations

No sampling plan deviations occurred during the time of this data collection period.

## 4.0 RECOMMENDATIONS

Due to PAL exceedances for THF, vinyl chloride, tetrachloroethylene, and trichloroethene, we recommend continuing the VOC monitoring program.

A historical maximum concentration for DCDFM was detected in MW13I during the April 2014 groundwater monitoring event. An increasing trend in concentrations in MW13I for DCDFM and THF are also demonstrated from data over the 2012-2014 time period. Additional investigation or sampling may be warranted in the future, if an increasing trend continues for compounds detected at this location.

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If you have any questions regarding site activities or this report, feel free to contact me by phone at 608.443.1298, or by e-mail at [carneyn@ayresassociates.com](mailto:carneyn@ayresassociates.com).

Sincerely,

Ayres Associates Inc

  
Neil Carney, PE  
Project Manager

NC:sm

Attachments

cc: Ms. Giang-Van Nguyen - USEPA Region V



**Notice:** Personally identifiable information collected will be used for program administration and enforcement purposes. The Department may also provide this information to requesters as required under Wisconsin's Open Records law, ss. 19.31 to 19.39, Wis. Stats. When submitting monitoring data, the owner or operator of the facility, practice or activity is required to notify the Department in writing that a groundwater standard or an explosive gas level has been attained or exceeded, as specified in ss. NR 140.24(1)(a); NR 140.26(1)(a); NR 507.30NR 635.14(9)(a); NR 635.18(20) and NR 507.30, Wis. Adm. Code. Failure to report may result in fines, forfeitures or other penalties resulting from enforcement under ss. 289.97, 291.97 or 299.95, Wis. Stats.

**Instructions:**

- Prepare one form for each license or monitoring ID.
- Please type or print legibly.
- Attach a notification of any values that attain or exceed groundwater standards (that is, preventive action limits, enforcement standards or alternative concentration limits). The notification must include a preliminary analysis of the cause and significance of each value.
- Attach a notification of any gas values that attain or exceed explosive gas levels.
- Send the original signed form, any notification, and Electronic Data Deliverable [EDD] to:

GEMS Data Submittal Contact - WA/5  
Bureau of Waste Management  
Wisconsin Department of Natural Resources  
101 South Webster Street  
Madison WI 53707-7921

**Monitoring Data Submittal Information**

Name of entity submitting data (laboratory, consultant, facility owner):

Ayres Associates Inc

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Neil E. Carney

Phone: (608) 443-1298

E-mail: carneyn@ayresassociates.com

Facility name:	License # / Monitoring ID	Facility ID [ FID ]	Actual sampling dates (e.g., July 2-6, 2003)
Stoughton City Landfill	License# - 00133 FID - 13005950		April 25, 2014 and April 27, 2014

The enclosed results are for sampling required in the month(s) of: (e.g., June 2003)

April 2014

Type of Data Submitted (Check all that apply)

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Groundwater monitoring data from monitoring wells | <input type="checkbox"/> Gas monitoring data   |
| <input type="checkbox"/> Groundwater monitoring data from private water supply wells  | <input type="checkbox"/> Air monitoring data   |
| <input type="checkbox"/> Leachate monitoring data                                     | <input type="checkbox"/> Other (specify) _____ |

Notification attached?

- No. No groundwater standards or explosive gas limits were exceeded.
- Yes, a notification of values exceeding a groundwater standard is attached. It includes a list of monitoring points, dates, sample values, groundwater standard and preliminary analysis of the cause and significance of any concentration.
- Yes, a notification of values exceeding an explosive gas limit is attached. It includes the monitoring points, dates, sample values and explosive gas limits.

**Certification**

*To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards.*

Neil E. Carney, PE

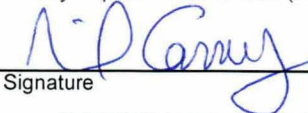
Project Manager

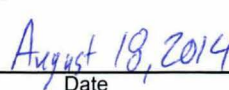
(608) 443-1298

Facility Representative Name (Print)

Title

(Area Code) Telephone No.





Signature

Date

FOR DNR USE ONLY. Check action taken, and record date and your initials. Describe on back side if necessary.

Found uploading problems on \_\_\_\_\_ Initials

Notified contact of problems on \_\_\_\_\_ Uploaded data successfully on \_\_\_\_\_

EDD format(s):  Diskette  CD (initial submittal and follow-up)  E-mail (follow-up only)  Other

## Tables

TABLE 1

Summary of Detected Compounds and Exceedances  
Annual Groundwater Report  
Stoughton City Landfill  
April 2014

Compound	ES (µg/L)	PAL (µg/L)	Result (µg/L)
<b>MW-10I</b>			
cis-1,2,-Dichloroethylene	70	7	0.4
Dichlorodifluoromethane	1000	200	35
Tetrachloroethylene	5	0.5	<b>3.6</b>
Trichloroethylene	5	0.5	<b>0.61</b>
Fluorotrichloromethane	3490	698	0.53
<b>MW-10S</b>			
Dichlorodifluoromethane	1000	200	0.95
Tetrachloroethylene	5	0.5	0.41
<b>MW-13I</b>			
Dichlorodifluoromethane	1000	200	9.2
Tetrahydrofuran	50	10	<b>19</b>
<b>MW-14I</b>			
Dichlorodifluoromethane	1000	200	10
Fluorotrichloromethane	3490	698	0.48
Tetrachloroethylene	5	0.5	0.37
Tetrahydrofuran	50	10	1.2
Trichloroethylene	5	0.5	0.27
Vinyl Chloride	0.2	0.02	<b>0.28</b>
<b>MW-14S</b>			
Dichlorodifluoromethane	1000	200	6.7
Tetrachloroethene	5	0.5	<b>0.88</b>

**Notes:**

1. The Preventive Action Limit (PAL) and the Enforcement Standard (ES) are from the Wisconsin Department of Natural Resources NR 140.10, Table 1 (December 2010)
2. PAL - Preventive Action Limit
3. ES - Enforcement Standard
4. µg/L- micrograms per liter
5. **Bolded** values indicate an exceedance of the NR 140 PAL.
6. **Bolded and shaded** values indicate an exceedance of the NR 140 ES.
7. NS - No Standard

TABLE 2

Summary of Field Parameters  
Annual Groundwater Report  
Stoughton City Landfill  
April 2014

Monitoring Well Number	DNR Point ID	Sampling Date	Depth to Water (ft.)	Total Depth (ft.)	Total Volume Purged (gal.)	Temperature (°C)	pH (s.u.)	Specific Conductivity (ms/cm)
MW3D	112	4/25/2014	9.65	73.0	41	8.47	7.78	1.059
MW4D	115	4/27/2014	7.05	74.0	43	9.11	7.46	1.104
MW5D	117	4/27/2014	6.96	77.0	45	8.98	7.61	0.892
MW7I	119	4/25/2014	0.40	60.0	40	10.49	7.40	0.963
MW8I	122	4/25/2014	0.96	62.4	130	10.28	7.31	1.115
MW9S	124	4/27/2014	1.91	13.4	8	7.83	7.61	0.741
MW9I	125	4/27/2014	2.35	21.5	13	9.02	7.45	0.762
MW9B*	126	4/27/2014	2.20	83.3	52	9.25	7.41	0.784
MW10S	127	4/25/2014	3.27	16.9	4	5.40	7.45	0.576
MW10I	128	4/25/2014	-	39.8	Self Purging	8.90	7.27	0.804
MW13I	131	4/25/2014	-	51.5	Self Purging	9.63	7.58	0.663
MW14S	133	4/27/2014	3.81	26.2	15	6.97	7.64	0.445
MW14I	134	4/27/2014	1.90	51.2	32	9.29	7.44	0.771
MW7I DUP	---	4/26/2012	-	-	-	-	-	-
MW10I DUP	---	4/26/2012	-	-	-	-	-	-
Trip Blank	---	4/26/2012	-	-	-	-	-	-
Field Blank	---	4/26/2012	-	-	-	-	-	-



TABLE 3

Water Table Elevation Summary  
 Annual Groundwater Report  
 Stoughton City Landfill  
 April 2014

Well	DNR ID#	Measured Depth to Water (ft)	Total Well Depth (ft)	Screen Length (ft)	Bottom of Screen Elevation	Ground Surface Elevation (ft)	Above-Ground Riser Height (ft)	New TOC Elevation (ft)	New GW Elevation (ft)
MW3D	112	9.65	73.0	10.0	--	857.07	1.9	855.17	845.52
MW4D	115	7.05	74.0	10.0	--	854.17	2.1	852.08	845.03
MW5D	117	6.96	77.0	10.0	--	854.15	1.8	852.35	845.39
MW7I	119	0.40	60.0	10.0	--	846.69	2.7	843.99	843.59
MW8I	122	0.96	62.4	10.0	--	--	2.1	846.32	845.36
MW9S	124	1.91	13.4	10.0	--	848.98	1.8	847.23	845.32
MW9I	125	2.35	21.5	10.0	--	849.18	2.0	847.14	844.79
MW9B	126	2.20	83.3	10.0	--	848.88	2.2	846.68	844.48
MW10S	127	3.27	16.9	10.0	829.98	--	2.4	846.88	843.61
MW10I	128	0.00	39.8	10.0	806.06	--	2.1	845.86	845.86
MW13I	131	0.00	57.5	10.0	795.52	--	2.4	853.02	853.02
MW14S	133	3.81	26.2	10.0	--	--	2.4	848.73	844.92
MW14I	134	1.90	51.2	10.0	--	--	1.5	847.38	845.48

TABLE 4

Historical Target Compound Detections  
Annual Groundwater Report  
Stoughton City Landfill  
April 2014

Shallow Monitoring Wells				
Well	Current Event Concentration (µg/L)		Historical Range (µg/L)	
	DCDFM	THF	DCDFM	THF
MW3S	NA	NA	ND	ND
MW4S	NA	NA	ND	ND-0.84
MW5S	NA	NA	ND-5.2	ND
MW7S	NA	NA	ND	ND-0.87
MW8S	NA	NA	ND	ND
MW9S	38	2.7	33-400	ND-22
MW10S	0.95	ND	ND-20	ND-20
MW13S	NA	NA	ND	ND
MW14S	6.7	ND	2.5-710	ND-50
MW15S	NA	NA	ND	ND-0.76

Intermediate and Deep Monitoring Wells				
Well	Current Event Concentration (µg/L)		Historical Range (µg/L)	
	DCDFM	THF	DCDFM	THF
MW3D	ND	5.3	ND	3.2-310
MW3B	NA	NA	ND	ND-1.9
MW4D	ND	ND	ND-0.05	ND-2.2
MW5D	2.7	ND	0.92-10	1.1-4.0
MW7I	ND	9	ND-0.026	ND-16
MW7B	NA	NA	ND	ND-1.7
MW8I	ND	ND	ND	ND-20
MW8B	NA	NA	ND	ND
MW9I	40	1.3	12-340	ND-12
MW9B	4.2	ND	2.3-25	ND-2.4
MW10I	35	ND	ND-280	ND-21
MW10D	NA	NA	ND	ND
MW13I	9.2	19	ND-9.2	ND-22
MW13D	NA	NA	ND-0.61	ND-9.3
MW14I	10	1.2	10-590	ND-2.4
MW14D	NA	NA	ND-1.5	ND-0.47
MW15I	NA	NA	ND	ND
MW15D	NA	NA	ND	ND

**Notes:**

DCDFM - dichlorodifluoromethane

THF - tetrahydrofuran

ND - No detections

NA - Not analyzed

**Attachment A**  
**Photo Log**



2014-04-001: MW13I Self Purging With High Flow

Date: 18-April-2014

Time: 4:47 PM

Weather: P. Sunny, 42 Degrees F.

Signature of Photographer: \_\_\_\_\_

*Rip Corney*



**Attachment B**  
**Semi-annual Inspection Report**  
**April 2014**

**Operation and Maintenance Semi Annual Inspection Report**  
**Stoughton City Landfill**  
**Stoughton, Wisconsin**

Inspector N. Carney  
 Company Ayres Assoc.  
 Project Stoughton LF  
 Location Stoughton, WI  
 Date/Time Apr. 18 3:00 PM  
 Project No. 19-0270.31

Weather	Clear	P. Cloudy	Cloudy	Fog
Temperature	High 60° F	F	---	---
Wind	Calm	Medium	High	---
Precipitation	Rain	Light	Moderate	Heavy
	None	Snow	Light	Moderate

Type of Inspection Routine  Special

Persons/Equipment Present: Neil Carney

General Description of Site Conditions: Site in good condition. Ground is saturated from recent rains. Cap is mostly brown with green grass just starting to show. No signs of tampering or damage at any of the GW's or MW's.

Specific Inspection Items	Potential Problem Areas	Status *	Notes
Perimeter Security Fencing	Broken or missing wood slats, torn chain link fabric.	(1)	Good. Some boards replaced.
Entrance Gate and Locking Mechanism	Lock broken/missing, mechanism inoperative.	(1)	Good.
Monitoring Wells and Wellhead Covers	Signs of tampering, casing damaged, lock missing.	(1)	Good. MW13I Flowing.
Final Cover Vegetation	Bare spots, stressed vegetation, deep rooted vegetation.	(1)	Good.
Final Cover Slope (explain below)	Gullies, lack of vegetation, subsidence, ponding.	(1)	Good.
Evidence of Burrowing Animals	Damage to final cover, evidence of waste.	(1)	Good.
Stormwater Drainage Channels	Gullies, erosion, debris, culvert blocked.	(1)*	S. Drainage Ditch has Trees + Cattails.
Landfill Gas Venting System	Damaged or blocked vent risers, stressed vegetation.	(1)	Good.
Access Road	Ponding, rutting, erosion.	(2)	S. Access Road has rutting/erosion in parking lot.
<del>Cover Mowing and Tall Vegetation</del>	<del>Mowing and tall vegetation removal done to specified vegetation</del>		
<del>Removal (October Inspection Only)</del>	<del>high, any missed areas</del>		

\* (1) Acceptable - No Maintenance Required. (2) Not Acceptable - Identify Required Maintenance.

Summary of Deficiencies and/or Corrective Actions: No Maintenance Needed for South drainage Swale per historical WDNR direction

Signature of Inspector N. Carney

Date 18 - April - 2014

- MW13I - Flowing heavily. Could not plug flow.
- South Access road into parking lot is showing signs of heavy rutting/erosion. Will check with WDNR for path forward.

**Attachment C**  
**Bi-monthly Gas Monitoring Reports**  
**December 2013**  
**February 2014**  
**April 2014**

**Gas Probe Monitoring Report**  
**Stoughton City Landfill**  
**Stoughton, Wisconsin**

Probe	%LEL (as methane)	% Oxygen	%CO2	PID (ppm)	Pressure (inches of water) <sup>Hg</sup>
GMP-1	0.0%	19.8%	0.3%	0.0	29.21
GMP-2	0.0%	17.4%	1.2%	0.0	29.21
GMP-3	0.0%	16.1%	3.6%	0.0	29.21

Instruments Used: GEM-2000, HI-NU PID Meter

Operator: Neil Carney

Date: 12-12-2013, 4:30PM

**Weather Conditions:**

Barometric Pressure (inches of Hg): 30.27 in Hg Temperature (Degrees F): 18°F

Relative Humidity (%): 62% Dewpoint (Degrees F): 4°F Wind: WSW 5MPH

Sky Conditions: P. Cloudy

**Ground Conditions:**

Snow  No Snow  Frozen Ground/Frost



**Gas Probe Monitoring Report**  
**Stoughton City Landfill**  
**Stoughton, Wisconsin**

Probe	%LEL (as methane)	% Oxygen	%CO2	PID (ppm)	Pressure (inches of water)Hg
GMP-1	0.0	19.8	0.2	0.0	29.98
GMP-2	0.0	18.1	0.9	0.0	29.98
GMP-3	0.0	17.0	2.2	0.0	29.98

Instruments Used: Landtec GEM 2000 , HNu PID

Operator: Neil Caruy

Date: 24-Feb-2014

Weather Conditions:

Barometric Pressure (inches of Hg): 30.18 Temperature (Degrees F): 21°F

Relative Humidity (%): 60% Dewpoint (Degrees F): 1°F Wind: 10 MPH NW

Sky Conditions: P. Cloudy

Ground Conditions:

Snow  No Snow  Frozen Ground/Frost

**Gas Probe Monitoring Report**  
**Stoughton City Landfill**  
**Stoughton, Wisconsin**

Probe	%LEL (as methane)	% Oxygen	%CO2	PID (ppm)	Pressure (inches of water) Hg.
GMP-1	0.0%	20.79%	0.2%	0.0	29.33
GMP-2	0.0%	18.7%	1.4%	0.0	29.33
GMP-3	0.0%	18.7	1.9%	0.0	29.33

Instruments Used: GEM 2000, H-N<sub>2</sub> PID

Operator: Neil Carney  
 Date: April 18, 2014

Weather Conditions:

Barometric Pressure (inches of Hg): 30.37 Temperature (Degrees F): 49°F

Relative Humidity (%): 40% Dewpoint (Degrees F): 27 Wind: 7 mph N

Sky Conditions: Sunny

Ground Conditions:

Snow  No Snow  Frozen Ground/Frost

**Attachment D**  
**Laboratory Analytical Report**



## ANALYTICAL REPORT

AYRES ASSOCIATES  
NEIL CARNEY  
1802 PANKRATZ ST  
MADISON, WI 53704-4069

Project Name: STOUGHTON LF  
Project Phase:  
Contract #: 2377  
Project #: 19-0270.31  
Folder #: 103903  
Purchase Order #:

Page 1 of 32  
Arrival Temperature: See COC  
Report Date: 05/13/2014  
Date Received: 04/29/2014  
Reprint Date: 05/13/2014

CT LAB Sample#: 449107 Sample Description: MW-10I

License/Well #: 00133/128 Sampled: 04/25/2014 1510

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
<b>Organic Results</b>										
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.84	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.21	ug/L	0.21	0.70	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
1,1-Dichloroethane	<0.50	ug/L	0.50	1.8	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
1,1-Dichloroethene	<0.23	ug/L	0.23	0.78	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.3	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.70	ug/L	0.70	2.3	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.60	ug/L	0.60	1.9	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.8	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.65	1		05/07/2014 02:29	02:29	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis





CT LAB Sample#: 449107	Sample Description: MW-10I	License/Well #: 00133/128	Sampled: 04/25/2014 1510
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2-Dichloropropane	<0.50	ug/L	0.50	1.7	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
1,3-Dichloropropane	<0.40	ug/L	0.40	1.2	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
2,2-Dichloropropane	<0.60	ug/L	0.60	1.9	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
2-Butanone	<5.0	ug/L	5.0	18	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.8	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
2-Hexanone	<6.0	ug/L	6.0	20	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
4-Chlorotoluene	<0.60	ug/L	0.60	1.9	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
4-Methyl-2-pentanone	<5.0	ug/L	5.0	17	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Benzene	<0.25	ug/L	0.25	0.84	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Bromobenzene	<0.50	ug/L	0.50	1.7	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Bromodichloromethane	<0.50	ug/L	0.50	1.6	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Bromoform	<0.50	ug/L	0.50	1.6	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Bromomethane	<1.0	ug/L	1.0	3.4	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Carbon disulfide	<0.40	ug/L	0.40	1.4	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Carbon tetrachloride	<0.40	ug/L	0.40	1.4	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.7	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Chloroform	<0.27	ug/L	0.27	0.91	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
cis-1,2-Dichloroethene	<b>0.40</b>	ug/L	0.21 *	0.70	1		05/07/2014 02:29	02:29	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

# CT LABORATORIES

delivering more than data from your environmental analyses



AYRES ASSOCIATES  
 Project Name: STOUGHTON LF  
 Project #: 19-0270.31  
 Project Phase:

Contract #: 2377  
 Folder #: 103903  
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CT LAB Sample#: 449107 Sample Description: MW-10I

License/Well #: 00133/128 Sampled: 04/25/2014 1510

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.5	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	2.0	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Dichlorodifluoromethane	<b>35</b>	ug/L	0.60	2.0	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Diisopropyl ether	<0.60	ug/L	0.60	2.0	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Ethylbenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Hexachlorobutadiene	<0.80	ug/L	0.80	2.8	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.5	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
m & p-Xylene	<1.0	ug/L	1.0	3.3	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Methyl tert-butyl ether	<0.20	ug/L	0.20	0.67	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.8	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.4	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.5	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.5	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.8	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.6	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.7	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Styrene	<0.40	ug/L	0.40	1.2	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
tert-Butylbenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Tetrachloroethene	<b>3.6</b>	ug/L	0.24	0.81	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Tetrahydrofuran	<4.0	ug/L	4.0	12	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Toluene	<0.50	ug/L	0.50	1.6	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.20	ug/L	0.20	0.68	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.5	1		05/07/2014 02:29	02:29	RLD	EPA 8260C
Trichloroethene	<b>0.59</b>	ug/L	0.24 *	0.79	1		05/07/2014 02:29	02:29	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



CT LAB Sample#: 449107	Sample Description: MW-10I	License/Well #: 00133/128	Sampled: 04/25/2014 1510
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Trichlorofluoromethane	0.53	ug/L	0.30 *	1.0	1			05/07/2014 02:29	RLD	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.60	1			05/07/2014 02:29	RLD	EPA 8260C

CT LAB Sample#: 449108	Sample Description: MW-10I DUP	License/Well #: 00133/128	Sampled: 04/25/2014 1510
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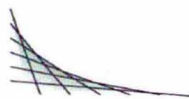
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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**Organic Results**

1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			05/07/2014 02:59	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.84	1			05/07/2014 02:59	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	1			05/07/2014 02:59	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.21	ug/L	0.21	0.70	1			05/07/2014 02:59	RLD	EPA 8260C
1,1-Dichloroethane	<0.50	ug/L	0.50	1.8	1			05/07/2014 02:59	RLD	EPA 8260C
1,1-Dichloroethene	<0.23	ug/L	0.23	0.78	1			05/07/2014 02:59	RLD	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.3	1			05/07/2014 02:59	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1			05/07/2014 02:59	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.70	ug/L	0.70	2.3	1			05/07/2014 02:59	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.8	1			05/07/2014 02:59	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.60	ug/L	0.60	1.9	1			05/07/2014 02:59	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1			05/07/2014 02:59	RLD	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	1			05/07/2014 02:59	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.8	1			05/07/2014 02:59	RLD	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.65	1			05/07/2014 02:59	RLD	EPA 8260C
1,2-Dichloropropane	<0.50	ug/L	0.50	1.7	1			05/07/2014 02:59	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.6	1			05/07/2014 02:59	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis





CT LAB Sample#: 449108	Sample Description: MW-10I DUP	License/Well #: 00133/128	Sampled: 04/25/2014 1510
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			05/07/2014 02:59	RLD	EPA 8260C
1,3-Dichloropropane	<0.40	ug/L	0.40	1.2	1			05/07/2014 02:59	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1			05/07/2014 02:59	RLD	EPA 8260C
2,2-Dichloropropane	<0.60	ug/L	0.60	1.9	1			05/07/2014 02:59	RLD	EPA 8260C
2-Butanone	<5.0	ug/L	5.0	18	1			05/07/2014 02:59	RLD	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.8	1			05/07/2014 02:59	RLD	EPA 8260C
2-Hexanone	<6.0	ug/L	6.0	20	1			05/07/2014 02:59	RLD	EPA 8260C
4-Chlorotoluene	<0.60	ug/L	0.60	1.9	1			05/07/2014 02:59	RLD	EPA 8260C
4-Methyl-2-pentanone	<5.0	ug/L	5.0	17	1			05/07/2014 02:59	RLD	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1			05/07/2014 02:59	RLD	EPA 8260C
Benzene	<0.25	ug/L	0.25	0.84	1			05/07/2014 02:59	RLD	EPA 8260C
Bromobenzene	<0.50	ug/L	0.50	1.7	1			05/07/2014 02:59	RLD	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1			05/07/2014 02:59	RLD	EPA 8260C
Bromodichloromethane	<0.50	ug/L	0.50	1.6	1			05/07/2014 02:59	RLD	EPA 8260C
Bromofom	<0.50	ug/L	0.50	1.6	1			05/07/2014 02:59	RLD	EPA 8260C
Bromomethane	<1.0	ug/L	1.0	3.4	1			05/07/2014 02:59	RLD	EPA 8260C
Carbon disulfide	<0.40	ug/L	0.40	1.4	1			05/07/2014 02:59	RLD	EPA 8260C
Carbon tetrachloride	<0.40	ug/L	0.40	1.4	1			05/07/2014 02:59	RLD	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.6	1			05/07/2014 02:59	RLD	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.7	1			05/07/2014 02:59	RLD	EPA 8260C
Chloroform	<0.27	ug/L	0.27	0.91	1			05/07/2014 02:59	RLD	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1			05/07/2014 02:59	RLD	EPA 8260C
cis-1,2-Dichloroethene	<b>0.36</b>	ug/L	0.21 *	0.70	1			05/07/2014 02:59	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1			05/07/2014 02:59	RLD	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.5	1			05/07/2014 02:59	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



CT LAB Sample#: 449108	Sample Description: MW-10I DUP	License/Well #: 00133/128	Sampled: 04/25/2014 1510
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromomethane	<0.60	ug/L	0.60	2.0	1			05/07/2014 02:59	RLD	EPA 8260C
Dichlorodifluoromethane	<b>35</b>	ug/L	0.60	2.0	1			05/07/2014 02:59	RLD	EPA 8260C
Diisopropyl ether	<0.60	ug/L	0.60	2.0	1			05/07/2014 02:59	RLD	EPA 8260C
Ethylbenzene	<0.50	ug/L	0.50	1.6	1			05/07/2014 02:59	RLD	EPA 8260C
Hexachlorobutadiene	<0.80	ug/L	0.80	2.8	1			05/07/2014 02:59	RLD	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.5	1			05/07/2014 02:59	RLD	EPA 8260C
m & p-Xylene	<1.0	ug/L	1.0	3.3	1			05/07/2014 02:59	RLD	EPA 8260C
Methyl tert-butyl ether	<0.20	ug/L	0.20	0.67	1			05/07/2014 02:59	RLD	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.8	1			05/07/2014 02:59	RLD	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.4	1			05/07/2014 02:59	RLD	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.5	1			05/07/2014 02:59	RLD	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.5	1			05/07/2014 02:59	RLD	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.8	1			05/07/2014 02:59	RLD	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.6	1			05/07/2014 02:59	RLD	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.7	1			05/07/2014 02:59	RLD	EPA 8260C
Styrene	<0.40	ug/L	0.40	1.2	1			05/07/2014 02:59	RLD	EPA 8260C
tert-Butylbenzene	<0.50	ug/L	0.50	1.6	1			05/07/2014 02:59	RLD	EPA 8260C
Tetrachloroethene	<b>3.4</b>	ug/L	0.24	0.81	1			05/07/2014 02:59	RLD	EPA 8260C
Tetrahydrofuran	<4.0	ug/L	4.0	12	1			05/07/2014 02:59	RLD	EPA 8260C
Toluene	<0.50	ug/L	0.50	1.6	1			05/07/2014 02:59	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.20	ug/L	0.20	0.68	1			05/07/2014 02:59	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.5	1			05/07/2014 02:59	RLD	EPA 8260C
Trichloroethene	<b>0.61</b>	ug/L	0.24 *	0.79	1			05/07/2014 02:59	RLD	EPA 8260C
Trichlorofluoromethane	<b>0.47</b>	ug/L	0.30 *	1.0	1			05/07/2014 02:59	RLD	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.60	1			05/07/2014 02:59	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis





CT LAB Sample#: 449109 Sample Description: MW-10S

License/Well #: 00133/127 Sampled: 04/25/2014 1535

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
<b>Organic Results</b>										
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.84	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.21	ug/L	0.21	0.70	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
1,1-Dichloroethane	<0.50	ug/L	0.50	1.8	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
1,1-Dichloroethene	<0.23	ug/L	0.23	0.78	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.3	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.70	ug/L	0.70	2.3	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.60	ug/L	0.60	1.9	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.8	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.65	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
1,2-Dichloropropane	<0.50	ug/L	0.50	1.7	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
1,3-Dichloropropane	<0.40	ug/L	0.40	1.2	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
2,2-Dichloropropane	<0.60	ug/L	0.60	1.9	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
2-Butanone	<5.0	ug/L	5.0	18	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.8	1		05/07/2014 03:28	03:28	RLD	EPA 8260C
2-Hexanone	<6.0	ug/L	6.0	20	1		05/07/2014 03:28	03:28	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



CT LAB Sample#: 449109    Sample Description: MW-10S    License/Well #: 00133/127    Sampled: 04/25/2014 1535

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
4-Chlorotoluene	<0.60	ug/L	0.60	1.9	1			05/07/2014 03:28	RLD	EPA 8260C
4-Methyl-2-pentanone	<5.0	ug/L	5.0	17	1			05/07/2014 03:28	RLD	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1			05/07/2014 03:28	RLD	EPA 8260C
Benzene	<0.25	ug/L	0.25	0.84	1			05/07/2014 03:28	RLD	EPA 8260C
Bromobenzene	<0.50	ug/L	0.50	1.7	1			05/07/2014 03:28	RLD	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1			05/07/2014 03:28	RLD	EPA 8260C
Bromodichloromethane	<0.50	ug/L	0.50	1.6	1			05/07/2014 03:28	RLD	EPA 8260C
Bromoform	<0.50	ug/L	0.50	1.6	1			05/07/2014 03:28	RLD	EPA 8260C
Bromomethane	<1.0	ug/L	1.0	3.4	1	M		05/07/2014 03:28	RLD	EPA 8260C
Carbon disulfide	<0.40	ug/L	0.40	1.4	1			05/07/2014 03:28	RLD	EPA 8260C
Carbon tetrachloride	<0.40	ug/L	0.40	1.4	1			05/07/2014 03:28	RLD	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.6	1			05/07/2014 03:28	RLD	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.7	1			05/07/2014 03:28	RLD	EPA 8260C
Chloroform	<0.27	ug/L	0.27	0.91	1			05/07/2014 03:28	RLD	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1			05/07/2014 03:28	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.21	ug/L	0.21	0.70	1			05/07/2014 03:28	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1			05/07/2014 03:28	RLD	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.5	1			05/07/2014 03:28	RLD	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	2.0	1			05/07/2014 03:28	RLD	EPA 8260C
Dichlorodifluoromethane	<b>0.95</b>	ug/L	0.60 *	2.0	1			05/07/2014 03:28	RLD	EPA 8260C
Diisopropyl ether	<0.60	ug/L	0.60	2.0	1			05/07/2014 03:28	RLD	EPA 8260C
Ethylbenzene	<0.50	ug/L	0.50	1.6	1			05/07/2014 03:28	RLD	EPA 8260C
Hexachlorobutadiene	<0.80	ug/L	0.80	2.8	1			05/07/2014 03:28	RLD	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.5	1			05/07/2014 03:28	RLD	EPA 8260C
m & p-Xylene	<1.0	ug/L	1.0	3.3	1			05/07/2014 03:28	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



CT LAB Sample#: 449109    Sample Description: MW-10S    License/Well #: 00133/127    Sampled: 04/25/2014 1535

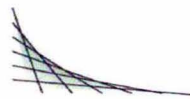
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Methyl tert-butyl ether	<0.20	ug/L	0.20	0.67	1			05/07/2014 03:28	RLD	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.8	1			05/07/2014 03:28	RLD	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.4	1			05/07/2014 03:28	RLD	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.5	1			05/07/2014 03:28	RLD	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.5	1			05/07/2014 03:28	RLD	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.8	1			05/07/2014 03:28	RLD	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.6	1			05/07/2014 03:28	RLD	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.7	1			05/07/2014 03:28	RLD	EPA 8260C
Styrene	<0.40	ug/L	0.40	1.2	1			05/07/2014 03:28	RLD	EPA 8260C
tert-Butylbenzene	<0.50	ug/L	0.50	1.6	1			05/07/2014 03:28	RLD	EPA 8260C
Tetrachloroethene	<b>0.41</b>	ug/L	0.24 *	0.81	1			05/07/2014 03:28	RLD	EPA 8260C
Tetrahydrofuran	<4.0	ug/L	4.0	12	1			05/07/2014 03:28	RLD	EPA 8260C
Toluene	<0.50	ug/L	0.50	1.6	1			05/07/2014 03:28	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.20	ug/L	0.20	0.68	1			05/07/2014 03:28	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.5	1			05/07/2014 03:28	RLD	EPA 8260C
Trichloroethene	<0.24	ug/L	0.24	0.79	1			05/07/2014 03:28	RLD	EPA 8260C
Trichlorofluoromethane	<0.30	ug/L	0.30	1.0	1			05/07/2014 03:28	RLD	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.60	1			05/07/2014 03:28	RLD	EPA 8260C

CT LAB Sample#: 449110    Sample Description: MW-7I    License/Well #: 00133/119    Sampled: 04/25/2014 1645

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
<b>Organic Results</b>										
Dichlorodifluoromethane	<0.60	ug/L	0.60	2.0	1			05/07/2014 03:58	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis





CT LAB Sample#: 449110	Sample Description: MW-7I	License/Well #: 00133/119	Sampled: 04/25/2014 1645
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Tetrahydrofuran	8.9	ug/L	4.0 *	12	1			05/07/2014 03:58	RLD	EPA 8260C

CT LAB Sample#: 449111	Sample Description: MW-7I DUP	License/Well #: 00133/119	Sampled: 04/25/2014 1645
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
<b>Organic Results</b>										
Dichlorodifluoromethane	<0.60	ug/L	0.60	2.0	1			05/07/2014 04:27	RLD	EPA 8260C
Tetrahydrofuran	9.0	ug/L	4.0 *	12	1			05/07/2014 04:27	RLD	EPA 8260C

CT LAB Sample#: 449112	Sample Description: MW-8I	License/Well #: 00133/122	Sampled: 04/25/2014 1800
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
<b>Organic Results</b>										
Dichlorodifluoromethane	<0.60	ug/L	0.60	2.0	1			05/07/2014 04:56	RLD	EPA 8260C
Tetrahydrofuran	<1.1	ug/L	1.1	3.6	1			05/07/2014 04:56	RLD	EPA 8260C

CT LAB Sample#: 449113	Sample Description: MW-13I	License/Well #: 00133/131	Sampled: 04/25/2014 1845
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
<b>Organic Results</b>										
Dichlorodifluoromethane	9.2	ug/L	0.60	2.0	1			05/07/2014 05:26	RLD	EPA 8260C
Tetrahydrofuran	19	ug/L	1.1	3.6	1			05/07/2014 05:26	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



CT LAB Sample#: 449114 Sample Description: MW-3D License/Well #: 00133/112 Sampled: 04/25/2014 1945

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
<b>Organic Results</b>										
Dichlorodifluoromethane	<0.60	ug/L	0.60	2.0	1			05/07/2014 05:56	RLD	EPA 8260C
Tetrahydrofuran	<b>5.3</b>	ug/L	1.1	3.6	1			05/07/2014 05:56	RLD	EPA 8260C

CT LAB Sample#: 449115 Sample Description: MW-14S License/Well #: 00133/133 Sampled: 04/27/2014 1115

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
<b>Organic Results</b>										
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			05/07/2014 06:25	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.84	1			05/07/2014 06:25	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	1			05/07/2014 06:25	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.21	ug/L	0.21	0.70	1			05/07/2014 06:25	RLD	EPA 8260C
1,1-Dichloroethane	<0.50	ug/L	0.50	1.8	1			05/07/2014 06:25	RLD	EPA 8260C
1,1-Dichloroethene	<0.23	ug/L	0.23	0.78	1			05/07/2014 06:25	RLD	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.3	1			05/07/2014 06:25	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1			05/07/2014 06:25	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.70	ug/L	0.70	2.3	1			05/07/2014 06:25	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.8	1			05/07/2014 06:25	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.60	ug/L	0.60	1.9	1			05/07/2014 06:25	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1			05/07/2014 06:25	RLD	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	1			05/07/2014 06:25	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.8	1			05/07/2014 06:25	RLD	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.65	1			05/07/2014 06:25	RLD	EPA 8260C
1,2-Dichloropropane	<0.50	ug/L	0.50	1.7	1			05/07/2014 06:25	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis





CT LAB Sample#: 449115 Sample Description: MW-14S

License/Well #: 00133/133 Sampled: 04/27/2014 1115

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
1,3-Dichloropropane	<0.40	ug/L	0.40	1.2	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
2,2-Dichloropropane	<0.60	ug/L	0.60	1.9	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
2-Butanone	<5.0	ug/L	5.0	18	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.8	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
2-Hexanone	<6.0	ug/L	6.0	20	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
4-Chlorotoluene	<0.60	ug/L	0.60	1.9	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
4-Methyl-2-pentanone	<5.0	ug/L	5.0	17	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
Benzene	<0.25	ug/L	0.25	0.84	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
Bromobenzene	<0.50	ug/L	0.50	1.7	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
Bromodichloromethane	<0.50	ug/L	0.50	1.6	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
Bromoform	<0.50	ug/L	0.50	1.6	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
Bromomethane	<1.0	ug/L	1.0	3.4	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
Carbon disulfide	<0.40	ug/L	0.40	1.4	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
Carbon tetrachloride	<0.40	ug/L	0.40	1.4	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.7	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
Chloroform	<0.27	ug/L	0.27	0.91	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.21	ug/L	0.21	0.70	1		05/07/2014 06:25	06:25	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1		05/07/2014 06:25	06:25	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

# CT LABORATORIES

delivering more than data from your environmental analyses



AYRES ASSOCIATES  
 Project Name: STOUGHTON LF  
 Project #: 19-0270.31  
 Project Phase:

Contract #: 2377  
 Folder #: 103903  
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CT LAB Sample#: 449115    Sample Description: MW-14S    License/Well #: 00133/133    Sampled: 04/27/2014 1115

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromochloromethane	<0.40	ug/L	0.40	1.5	1			05/07/2014 06:25	RLD	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	2.0	1			05/07/2014 06:25	RLD	EPA 8260C
Dichlorodifluoromethane	<b>6.7</b>	ug/L	0.60	2.0	1			05/07/2014 06:25	RLD	EPA 8260C
Diisopropyl ether	<0.60	ug/L	0.60	2.0	1			05/07/2014 06:25	RLD	EPA 8260C
Ethylbenzene	<0.50	ug/L	0.50	1.6	1			05/07/2014 06:25	RLD	EPA 8260C
Hexachlorobutadiene	<0.80	ug/L	0.80	2.8	1			05/07/2014 06:25	RLD	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.5	1			05/07/2014 06:25	RLD	EPA 8260C
m & p-Xylene	<1.0	ug/L	1.0	3.3	1			05/07/2014 06:25	RLD	EPA 8260C
Methyl tert-butyl ether	<0.20	ug/L	0.20	0.67	1			05/07/2014 06:25	RLD	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.8	1			05/07/2014 06:25	RLD	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.4	1			05/07/2014 06:25	RLD	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.5	1			05/07/2014 06:25	RLD	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.5	1			05/07/2014 06:25	RLD	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.8	1			05/07/2014 06:25	RLD	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.6	1			05/07/2014 06:25	RLD	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.7	1			05/07/2014 06:25	RLD	EPA 8260C
Styrene	<0.40	ug/L	0.40	1.2	1			05/07/2014 06:25	RLD	EPA 8260C
tert-Butylbenzene	<0.50	ug/L	0.50	1.6	1			05/07/2014 06:25	RLD	EPA 8260C
Tetrachloroethene	<b>0.88</b>	ug/L	0.24	0.81	1			05/07/2014 06:25	RLD	EPA 8260C
Tetrahydrofuran	<1.1	ug/L	1.1	3.6	1			05/07/2014 06:25	RLD	EPA 8260C
Toluene	<0.50	ug/L	0.50	1.6	1			05/07/2014 06:25	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.20	ug/L	0.20	0.68	1			05/07/2014 06:25	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.5	1			05/07/2014 06:25	RLD	EPA 8260C
Trichloroethene	<0.24	ug/L	0.24	0.79	1			05/07/2014 06:25	RLD	EPA 8260C
Trichlorofluoromethane	<0.30	ug/L	0.30	1.0	1			05/07/2014 06:25	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



CT LAB Sample#: 449115    Sample Description: MW-14S    License/Well #: 00133/133    Sampled: 04/27/2014 1115

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl chloride	<0.18	ug/L	0.18	0.60	1			05/07/2014 06:25	RLD	EPA 8260C

CT LAB Sample#: 449116    Sample Description: MW-14I    License/Well #: 00133/134    Sampled: 04/27/2014 1230

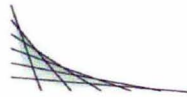
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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**Organic Results**

1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			05/07/2014 06:54	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.84	1			05/07/2014 06:54	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	1			05/07/2014 06:54	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.21	ug/L	0.21	0.70	1			05/07/2014 06:54	RLD	EPA 8260C
1,1-Dichloroethane	<0.50	ug/L	0.50	1.8	1			05/07/2014 06:54	RLD	EPA 8260C
1,1-Dichloroethene	<0.23	ug/L	0.23	0.78	1			05/07/2014 06:54	RLD	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.3	1			05/07/2014 06:54	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1			05/07/2014 06:54	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.70	ug/L	0.70	2.3	1			05/07/2014 06:54	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.8	1			05/07/2014 06:54	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.60	ug/L	0.60	1.9	1			05/07/2014 06:54	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1			05/07/2014 06:54	RLD	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	1			05/07/2014 06:54	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.8	1			05/07/2014 06:54	RLD	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.65	1			05/07/2014 06:54	RLD	EPA 8260C
1,2-Dichloropropane	<0.50	ug/L	0.50	1.7	1			05/07/2014 06:54	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.6	1			05/07/2014 06:54	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			05/07/2014 06:54	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis





CT LAB Sample#: 449116    Sample Description: MW-14I	License/Well #: 00133/134    Sampled: 04/27/2014 1230
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3-Dichloropropane	<0.40	ug/L	0.40	1.2	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
2,2-Dichloropropane	<0.60	ug/L	0.60	1.9	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
2-Butanone	<5.0	ug/L	5.0	18	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.8	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
2-Hexanone	<6.0	ug/L	6.0	20	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
4-Chlorotoluene	<0.60	ug/L	0.60	1.9	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
4-Methyl-2-pentanone	<5.0	ug/L	5.0	17	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Benzene	<0.25	ug/L	0.25	0.84	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Bromobenzene	<0.50	ug/L	0.50	1.7	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Bromodichloromethane	<0.50	ug/L	0.50	1.6	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Bromoform	<0.50	ug/L	0.50	1.6	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Bromomethane	<1.0	ug/L	1.0	3.4	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Carbon disulfide	<0.40	ug/L	0.40	1.4	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Carbon tetrachloride	<0.40	ug/L	0.40	1.4	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.7	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Chloroform	<0.27	ug/L	0.27	0.91	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.21	ug/L	0.21	0.70	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.5	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	2.0	1		05/07/2014 06:54	06:54	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



CT LAB Sample#: 449116 Sample Description: MW-14I

License/Well #: 00133/134 Sampled: 04/27/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dichlorodifluoromethane	10	ug/L	0.60	2.0	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Diisopropyl ether	<0.60	ug/L	0.60	2.0	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Ethylbenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Hexachlorobutadiene	<0.80	ug/L	0.80	2.8	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.5	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
m & p-Xylene	<1.0	ug/L	1.0	3.3	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Methyl tert-butyl ether	<0.20	ug/L	0.20	0.67	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.8	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.4	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.5	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.5	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.8	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.6	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.7	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Styrene	<0.40	ug/L	0.40	1.2	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
tert-Butylbenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Tetrachloroethene	0.37	ug/L	0.24 *	0.81	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Tetrahydrofuran	1.2	ug/L	1.1 *	3.6	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Toluene	<0.50	ug/L	0.50	1.6	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.20	ug/L	0.20	0.68	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.5	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Trichloroethene	0.27	ug/L	0.24 *	0.79	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Trichlorofluoromethane	0.48	ug/L	0.30 *	1.0	1		05/07/2014 06:54	06:54	RLD	EPA 8260C
Vinyl chloride	0.28	ug/L	0.18 *	0.60	1		05/07/2014 06:54	06:54	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis





CT LAB Sample#: 449117 Sample Description: MW-9S

License/Well #: 00133/124 Sampled: 04/27/2014 1315

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
<b>Organic Results</b>										
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.84	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.21	ug/L	0.21	0.70	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
1,1-Dichloroethane	<0.50	ug/L	0.50	1.8	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
1,1-Dichloroethene	<0.23	ug/L	0.23	0.78	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.3	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.70	ug/L	0.70	2.3	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.60	ug/L	0.60	1.9	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.8	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.65	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
1,2-Dichloropropane	<0.50	ug/L	0.50	1.7	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
1,3-Dichloropropane	<0.40	ug/L	0.40	1.2	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
2,2-Dichloropropane	<0.60	ug/L	0.60	1.9	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
2-Butanone	<5.0	ug/L	5.0	18	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.8	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
2-Hexanone	<6.0	ug/L	6.0	20	1		05/07/2014 07:23	07:23	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



CT LAB Sample#: 449117 Sample Description: MW-9S

License/Well #: 00133/124 Sampled: 04/27/2014 1315

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
4-Chlorotoluene	<0.60	ug/L	0.60	1.9	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
4-Methyl-2-pentanone	<5.0	ug/L	5.0	17	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
Benzene	<b>0.38</b>	ug/L	0.25 *	0.84	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
Bromobenzene	<0.50	ug/L	0.50	1.7	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
Bromodichloromethane	<0.50	ug/L	0.50	1.6	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
Bromoform	<0.50	ug/L	0.50	1.6	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
Bromomethane	<1.0	ug/L	1.0	3.4	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
Carbon disulfide	<0.40	ug/L	0.40	1.4	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
Carbon tetrachloride	<0.40	ug/L	0.40	1.4	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.7	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
Chloroform	<0.27	ug/L	0.27	0.91	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.21	ug/L	0.21	0.70	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.5	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	2.0	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
Dichlorodifluoromethane	<b>38</b>	ug/L	0.60	2.0	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
Diisopropyl ether	<0.60	ug/L	0.60	2.0	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
Ethylbenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
Hexachlorobutadiene	<0.80	ug/L	0.80	2.8	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.5	1		05/07/2014 07:23	07:23	RLD	EPA 8260C
m & p-Xylene	<1.0	ug/L	1.0	3.3	1		05/07/2014 07:23	07:23	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



CT LAB Sample#: 449117    Sample Description: MW-9S    License/Well #: 00133/124    Sampled: 04/27/2014 1315

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Methyl tert-butyl ether	<0.20	ug/L	0.20	0.67	1			05/07/2014 07:23	RLD	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.8	1			05/07/2014 07:23	RLD	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.4	1			05/07/2014 07:23	RLD	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.5	1			05/07/2014 07:23	RLD	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.5	1			05/07/2014 07:23	RLD	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.8	1			05/07/2014 07:23	RLD	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.6	1			05/07/2014 07:23	RLD	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.7	1			05/07/2014 07:23	RLD	EPA 8260C
Styrene	<0.40	ug/L	0.40	1.2	1			05/07/2014 07:23	RLD	EPA 8260C
tert-Butylbenzene	<0.50	ug/L	0.50	1.6	1			05/07/2014 07:23	RLD	EPA 8260C
Tetrachloroethene	<0.24	ug/L	0.24	0.81	1			05/07/2014 07:23	RLD	EPA 8260C
Tetrahydrofuran	<b>2.7</b>	ug/L	1.1 *	3.6	1			05/07/2014 07:23	RLD	EPA 8260C
Toluene	<0.50	ug/L	0.50	1.6	1			05/07/2014 07:23	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.20	ug/L	0.20	0.68	1			05/07/2014 07:23	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.5	1			05/07/2014 07:23	RLD	EPA 8260C
Trichloroethene	<0.24	ug/L	0.24	0.79	1			05/07/2014 07:23	RLD	EPA 8260C
Trichlorofluoromethane	<b>1.1</b>	ug/L	0.30	1.0	1			05/07/2014 07:23	RLD	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.60	1			05/07/2014 07:23	RLD	EPA 8260C

CT LAB Sample#: 449118    Sample Description: MW-9I    License/Well #: 00133/125    Sampled: 04/27/2014 1350

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
<b>Organic Results</b>										
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			05/07/2014 07:52	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis





CT LAB Sample#: 449118 Sample Description: MW-9I

License/Well #: 00133/125 Sampled: 04/27/2014 1350

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.84	1			05/07/2014 07:52	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	1			05/07/2014 07:52	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.21	ug/L	0.21	0.70	1			05/07/2014 07:52	RLD	EPA 8260C
1,1-Dichloroethane	<0.50	ug/L	0.50	1.8	1			05/07/2014 07:52	RLD	EPA 8260C
1,1-Dichloroethene	<0.23	ug/L	0.23	0.78	1			05/07/2014 07:52	RLD	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.3	1			05/07/2014 07:52	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1			05/07/2014 07:52	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.70	ug/L	0.70	2.3	1			05/07/2014 07:52	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.8	1			05/07/2014 07:52	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.60	ug/L	0.60	1.9	1			05/07/2014 07:52	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1			05/07/2014 07:52	RLD	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	1			05/07/2014 07:52	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.8	1			05/07/2014 07:52	RLD	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.65	1			05/07/2014 07:52	RLD	EPA 8260C
1,2-Dichloropropane	<0.50	ug/L	0.50	1.7	1			05/07/2014 07:52	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.6	1			05/07/2014 07:52	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			05/07/2014 07:52	RLD	EPA 8260C
1,3-Dichloropropane	<0.40	ug/L	0.40	1.2	1			05/07/2014 07:52	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1			05/07/2014 07:52	RLD	EPA 8260C
2,2-Dichloropropane	<0.60	ug/L	0.60	1.9	1			05/07/2014 07:52	RLD	EPA 8260C
2-Butanone	<5.0	ug/L	5.0	18	1			05/07/2014 07:52	RLD	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.8	1			05/07/2014 07:52	RLD	EPA 8260C
2-Hexanone	<6.0	ug/L	6.0	20	1			05/07/2014 07:52	RLD	EPA 8260C
4-Chlorotoluene	<0.60	ug/L	0.60	1.9	1			05/07/2014 07:52	RLD	EPA 8260C
4-Methyl-2-pentanone	<5.0	ug/L	5.0	17	1			05/07/2014 07:52	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



CT LAB Sample#: 449118 Sample Description: MW-9I

License/Well #: 00133/125 Sampled: 04/27/2014 1350

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Acetone	<7.0	ug/L	7.0	23	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
Benzene	<0.25	ug/L	0.25	0.84	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
Bromobenzene	<0.50	ug/L	0.50	1.7	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
Bromodichloromethane	<0.50	ug/L	0.50	1.6	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
Bromoform	<0.50	ug/L	0.50	1.6	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
Bromomethane	<1.0	ug/L	1.0	3.4	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
Carbon disulfide	<0.40	ug/L	0.40	1.4	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
Carbon tetrachloride	<0.40	ug/L	0.40	1.4	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.7	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
Chloroform	<0.27	ug/L	0.27	0.91	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
cis-1,2-Dichloroethene	<b>0.67</b>	ug/L	0.21 *	0.70	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.5	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	2.0	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
Dichlorodifluoromethane	<b>40</b>	ug/L	0.60	2.0	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
Diisopropyl ether	<0.60	ug/L	0.60	2.0	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
Ethylbenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
Hexachlorobutadiene	<0.80	ug/L	0.80	2.8	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.5	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
m & p-Xylene	<1.0	ug/L	1.0	3.3	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
Methyl tert-butyl ether	<0.20	ug/L	0.20	0.67	1		05/07/2014 07:52	07:52	RLD	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.8	1		05/07/2014 07:52	07:52	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

# CT LABORATORIES

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AYRES ASSOCIATES  
 Project Name: STOUGHTON LF  
 Project #: 19-0270.31  
 Project Phase:

Contract #: 2377  
 Folder #: 103903  
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CT LAB Sample#: 449118 Sample Description: MW-9I

License/Well #: 00133/125 Sampled: 04/27/2014 1350

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
n-Butylbenzene	<0.40	ug/L	0.40	1.4	1		05/07/2014	07:52	RLD	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.5	1		05/07/2014	07:52	RLD	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.5	1		05/07/2014	07:52	RLD	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.8	1		05/07/2014	07:52	RLD	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.6	1		05/07/2014	07:52	RLD	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.7	1		05/07/2014	07:52	RLD	EPA 8260C
Styrene	<0.40	ug/L	0.40	1.2	1		05/07/2014	07:52	RLD	EPA 8260C
tert-Butylbenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014	07:52	RLD	EPA 8260C
Tetrachloroethene	<b>0.32</b>	ug/L	0.24 *	0.81	1		05/07/2014	07:52	RLD	EPA 8260C
Tetrahydrofuran	<b>1.3</b>	ug/L	1.1 *	3.6	1		05/07/2014	07:52	RLD	EPA 8260C
Toluene	<0.50	ug/L	0.50	1.6	1		05/07/2014	07:52	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.20	ug/L	0.20	0.68	1		05/07/2014	07:52	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.5	1		05/07/2014	07:52	RLD	EPA 8260C
Trichloroethene	<b>0.87</b>	ug/L	0.24	0.79	1		05/07/2014	07:52	RLD	EPA 8260C
Trichlorofluoromethane	<b>0.74</b>	ug/L	0.30 *	1.0	1		05/07/2014	07:52	RLD	EPA 8260C
Vinyl chloride	<b>0.18</b>	ug/L	0.18 *	0.60	1		05/07/2014	07:52	RLD	EPA 8260C

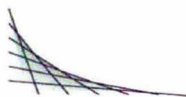
CT LAB Sample#: 449119 Sample Description: MW-9B

License/Well #: 00133/126 Sampled: 04/27/2014 1500

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
<b>Organic Results</b>										
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1		05/07/2014	08:21	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.84	1		05/07/2014	08:21	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	1		05/07/2014	08:21	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis





CT LAB Sample#: 449119 Sample Description: MW-9B

License/Well #: 00133/126 Sampled: 04/27/2014 1500

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,2-Trichloroethane	<0.21	ug/L	0.21	0.70	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
1,1-Dichloroethane	<0.50	ug/L	0.50	1.8	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
1,1-Dichloroethene	<0.23	ug/L	0.23	0.78	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.3	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.70	ug/L	0.70	2.3	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.60	ug/L	0.60	1.9	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.8	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.65	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
1,2-Dichloropropane	<0.50	ug/L	0.50	1.7	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
1,3-Dichloropropane	<0.40	ug/L	0.40	1.2	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
2,2-Dichloropropane	<0.60	ug/L	0.60	1.9	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
2-Butanone	<5.0	ug/L	5.0	18	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.8	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
2-Hexanone	<6.0	ug/L	6.0	20	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
4-Chlorotoluene	<0.60	ug/L	0.60	1.9	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
4-Methyl-2-pentanone	<5.0	ug/L	5.0	17	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Benzene	<0.25	ug/L	0.25	0.84	1		05/07/2014 08:21	08:21	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



CT LAB Sample#: 449119 Sample Description: MW-9B

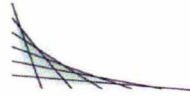
License/Well #: 00133/126 Sampled: 04/27/2014 1500

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Bromobenzene	<0.50	ug/L	0.50	1.7	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Bromodichloromethane	<0.50	ug/L	0.50	1.6	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Bromoform	<0.50	ug/L	0.50	1.6	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Bromomethane	<1.0	ug/L	1.0	3.4	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Carbon disulfide	<0.40	ug/L	0.40	1.4	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Carbon tetrachloride	<0.40	ug/L	0.40	1.4	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.7	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Chloroform	<0.27	ug/L	0.27	0.91	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
cis-1,2-Dichloroethene	<b>0.27</b>	ug/L	0.21 *	0.70	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.5	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	2.0	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Dichlorodifluoromethane	<b>4.2</b>	ug/L	0.60	2.0	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Diisopropyl ether	<0.60	ug/L	0.60	2.0	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Ethylbenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Hexachlorobutadiene	<0.80	ug/L	0.80	2.8	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.5	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
m & p-Xylene	<1.0	ug/L	1.0	3.3	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Methyl tert-butyl ether	<0.20	ug/L	0.20	0.67	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.8	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.4	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.5	1		05/07/2014 08:21	08:21	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

# CT LABORATORIES

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AYRES ASSOCIATES  
 Project Name: STOUGHTON LF  
 Project #: 19-0270.31  
 Project Phase:

Contract #: 2377  
 Folder #: 103903  
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CT LAB Sample#: 449119 Sample Description: MW-9B License/Well #: 00133/126 Sampled: 04/27/2014 1500

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Naphthalene	<0.50	ug/L	0.50	1.5	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.8	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.6	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.7	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Styrene	<0.40	ug/L	0.40	1.2	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
tert-Butylbenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Tetrachloroethene	<0.24	ug/L	0.24	0.81	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Tetrahydrofuran	<4.0	ug/L	4.0	12	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Toluene	<0.50	ug/L	0.50	1.6	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.20	ug/L	0.20	0.68	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.5	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Trichloroethene	<0.24	ug/L	0.24	0.79	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Trichlorofluoromethane	<b>2.5</b>	ug/L	0.30	1.0	1		05/07/2014 08:21	08:21	RLD	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.60	1		05/07/2014 08:21	08:21	RLD	EPA 8260C

CT LAB Sample#: 449120 Sample Description: MW-4D License/Well #: 00133/115 Sampled: 04/27/2014 1630

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
<b>Organic Results</b>										
Dichlorodifluoromethane	<0.60	ug/L	0.60	2.0	1		05/07/2014 08:50	08:50	RLD	EPA 8260C
Tetrahydrofuran	<1.1	ug/L	1.1	3.6	1		05/07/2014 08:50	08:50	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis





CT LAB Sample#: 449121    Sample Description: MW-5D    License/Well #: 00133/117    Sampled: 04/27/2014 1830

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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**Organic Results**

Dichlorodifluoromethane	2.7	ug/L	0.60	2.0	1		05/07/2014 15:05	RLD	EPA 8260C
Tetrahydrofuran	<1.1	ug/L	1.1	3.6	1		05/07/2014 15:05	RLD	EPA 8260C

CT LAB Sample#: 449122    Sample Description: FIELD BLANK    License/Well #: 00133/997    Sampled: 04/27/2014 1900

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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**Organic Results**

1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1		05/07/2014 14:06	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.84	1		05/07/2014 14:06	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	1		05/07/2014 14:06	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.21	ug/L	0.21	0.70	1		05/07/2014 14:06	RLD	EPA 8260C
1,1-Dichloroethane	<0.50	ug/L	0.50	1.8	1		05/07/2014 14:06	RLD	EPA 8260C
1,1-Dichloroethene	<0.23	ug/L	0.23	0.78	1		05/07/2014 14:06	RLD	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.3	1		05/07/2014 14:06	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1		05/07/2014 14:06	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.70	ug/L	0.70	2.3	1		05/07/2014 14:06	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/07/2014 14:06	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.60	ug/L	0.60	1.9	1		05/07/2014 14:06	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1		05/07/2014 14:06	RLD	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	1		05/07/2014 14:06	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.8	1		05/07/2014 14:06	RLD	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.65	1		05/07/2014 14:06	RLD	EPA 8260C
1,2-Dichloropropane	<0.50	ug/L	0.50	1.7	1		05/07/2014 14:06	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis





CT LAB Sample#: 449122    Sample Description: FIELD BLANK    License/Well #: 00133/997    Sampled: 04/27/2014 1900

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.6	1			05/07/2014 14:06	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			05/07/2014 14:06	RLD	EPA 8260C
1,3-Dichloropropane	<0.40	ug/L	0.40	1.2	1			05/07/2014 14:06	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1			05/07/2014 14:06	RLD	EPA 8260C
2,2-Dichloropropane	<0.60	ug/L	0.60	1.9	1			05/07/2014 14:06	RLD	EPA 8260C
2-Butanone	<5.0	ug/L	5.0	18	1			05/07/2014 14:06	RLD	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.8	1			05/07/2014 14:06	RLD	EPA 8260C
2-Hexanone	<6.0	ug/L	6.0	20	1			05/07/2014 14:06	RLD	EPA 8260C
4-Chlorotoluene	<0.60	ug/L	0.60	1.9	1			05/07/2014 14:06	RLD	EPA 8260C
4-Methyl-2-pentanone	<5.0	ug/L	5.0	17	1			05/07/2014 14:06	RLD	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1			05/07/2014 14:06	RLD	EPA 8260C
Benzene	<0.25	ug/L	0.25	0.84	1			05/07/2014 14:06	RLD	EPA 8260C
Bromobenzene	<0.50	ug/L	0.50	1.7	1			05/07/2014 14:06	RLD	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1			05/07/2014 14:06	RLD	EPA 8260C
Bromodichloromethane	<0.50	ug/L	0.50	1.6	1			05/07/2014 14:06	RLD	EPA 8260C
Bromoform	<0.50	ug/L	0.50	1.6	1			05/07/2014 14:06	RLD	EPA 8260C
Bromomethane	<1.0	ug/L	1.0	3.4	1	Z		05/07/2014 14:06	RLD	EPA 8260C
Carbon disulfide	<0.40	ug/L	0.40	1.4	1			05/07/2014 14:06	RLD	EPA 8260C
Carbon tetrachloride	<0.40	ug/L	0.40	1.4	1			05/07/2014 14:06	RLD	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.6	1			05/07/2014 14:06	RLD	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.7	1			05/07/2014 14:06	RLD	EPA 8260C
Chloroform	<0.27	ug/L	0.27	0.91	1			05/07/2014 14:06	RLD	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1			05/07/2014 14:06	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.21	ug/L	0.21	0.70	1			05/07/2014 14:06	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1			05/07/2014 14:06	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

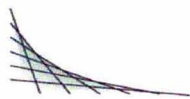


CT LAB Sample#: 449122 Sample Description: FIELD BLANK

License/Well #: 00133/997 Sampled: 04/27/2014 1900

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromochloromethane	<0.40	ug/L	0.40	1.5	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	2.0	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
Dichlorodifluoromethane	<0.60	ug/L	0.60	2.0	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
Diisopropyl ether	<0.60	ug/L	0.60	2.0	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
Ethylbenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
Hexachlorobutadiene	<0.80	ug/L	0.80	2.8	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.5	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
m & p-Xylene	<1.0	ug/L	1.0	3.3	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
Methyl tert-butyl ether	<0.20	ug/L	0.20	0.67	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.8	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.4	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.5	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.5	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.8	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.6	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.7	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
Styrene	<0.40	ug/L	0.40	1.2	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
tert-Butylbenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
Tetrachloroethene	<0.24	ug/L	0.24	0.81	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
Tetrahydrofuran	<1.1	ug/L	1.1	3.6	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
Toluene	<0.50	ug/L	0.50	1.6	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.20	ug/L	0.20	0.68	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.5	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
Trichloroethene	<0.24	ug/L	0.24	0.79	1		05/07/2014 14:06	14:06	RLD	EPA 8260C
Trichlorofluoromethane	<0.30	ug/L	0.30	1.0	1		05/07/2014 14:06	14:06	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



CT LAB Sample#: 449122	Sample Description: FIELD BLANK	License/Well #: 00133/997	Sampled: 04/27/2014 1900
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl chloride	<0.18	ug/L	0.18	0.60	1			05/07/2014 14:06	RLD	EPA 8260C

CT LAB Sample#: 449123	Sample Description: TRIP BLANK	License/Well #: 00133/999	Sampled: 04/25/2014
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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**Organic Results**

1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			05/07/2014 13:38	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.84	1			05/07/2014 13:38	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	1			05/07/2014 13:38	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.21	ug/L	0.21	0.70	1			05/07/2014 13:38	RLD	EPA 8260C
1,1-Dichloroethane	<0.50	ug/L	0.50	1.8	1			05/07/2014 13:38	RLD	EPA 8260C
1,1-Dichloroethene	<0.23	ug/L	0.23	0.78	1			05/07/2014 13:38	RLD	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.3	1			05/07/2014 13:38	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1			05/07/2014 13:38	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.70	ug/L	0.70	2.3	1			05/07/2014 13:38	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.8	1			05/07/2014 13:38	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.60	ug/L	0.60	1.9	1			05/07/2014 13:38	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1			05/07/2014 13:38	RLD	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	1			05/07/2014 13:38	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.8	1			05/07/2014 13:38	RLD	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.65	1			05/07/2014 13:38	RLD	EPA 8260C
1,2-Dichloropropane	<0.50	ug/L	0.50	1.7	1			05/07/2014 13:38	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.6	1			05/07/2014 13:38	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			05/07/2014 13:38	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis





CT LAB Sample#: 449123    Sample Description: TRIP BLANK    License/Well #: 00133/999    Sampled: 04/25/2014

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3-Dichloropropane	<0.40	ug/L	0.40	1.2	1			05/07/2014 13:38	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1			05/07/2014 13:38	RLD	EPA 8260C
2,2-Dichloropropane	<0.60	ug/L	0.60	1.9	1			05/07/2014 13:38	RLD	EPA 8260C
2-Butanone	<5.0	ug/L	5.0	18	1			05/07/2014 13:38	RLD	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.8	1			05/07/2014 13:38	RLD	EPA 8260C
2-Hexanone	<6.0	ug/L	6.0	20	1			05/07/2014 13:38	RLD	EPA 8260C
4-Chlorotoluene	<0.60	ug/L	0.60	1.9	1			05/07/2014 13:38	RLD	EPA 8260C
4-Methyl-2-pentanone	<5.0	ug/L	5.0	17	1			05/07/2014 13:38	RLD	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1			05/07/2014 13:38	RLD	EPA 8260C
Benzene	<0.25	ug/L	0.25	0.84	1			05/07/2014 13:38	RLD	EPA 8260C
Bromobenzene	<0.50	ug/L	0.50	1.7	1			05/07/2014 13:38	RLD	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1			05/07/2014 13:38	RLD	EPA 8260C
Bromodichloromethane	<0.50	ug/L	0.50	1.6	1			05/07/2014 13:38	RLD	EPA 8260C
Bromoform	<0.50	ug/L	0.50	1.6	1			05/07/2014 13:38	RLD	EPA 8260C
Bromomethane	<1.0	ug/L	1.0	3.4	1	Z		05/07/2014 13:38	RLD	EPA 8260C
Carbon disulfide	<0.40	ug/L	0.40	1.4	1			05/07/2014 13:38	RLD	EPA 8260C
Carbon tetrachloride	<0.40	ug/L	0.40	1.4	1			05/07/2014 13:38	RLD	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.6	1			05/07/2014 13:38	RLD	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.7	1			05/07/2014 13:38	RLD	EPA 8260C
Chloroform	<0.27	ug/L	0.27	0.91	1			05/07/2014 13:38	RLD	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1			05/07/2014 13:38	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.21	ug/L	0.21	0.70	1			05/07/2014 13:38	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1			05/07/2014 13:38	RLD	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.5	1			05/07/2014 13:38	RLD	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	2.0	1			05/07/2014 13:38	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



# CT LABORATORIES

delivering more than data from your environmental analyses



AYRES ASSOCIATES  
 Project Name: STOUGHTON LF  
 Project #: 19-0270.31  
 Project Phase:

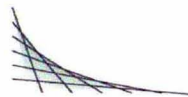
Contract #: 2377  
 Folder #: 103903  
 Page 31 of 32

CT LAB Sample#: 449123 Sample Description: TRIP BLANK

License/Well #: 00133/999 Sampled: 04/25/2014

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dichlorodifluoromethane	<0.60	ug/L	0.60	2.0	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
Diisopropyl ether	<0.60	ug/L	0.60	2.0	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
Ethylbenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
Hexachlorobutadiene	<0.80	ug/L	0.80	2.8	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.5	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
m & p-Xylene	<1.0	ug/L	1.0	3.3	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
Methyl tert-butyl ether	<0.20	ug/L	0.20	0.67	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.8	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.4	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.5	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.5	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.8	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.6	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.7	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
Styrene	<0.40	ug/L	0.40	1.2	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
tert-Butylbenzene	<0.50	ug/L	0.50	1.6	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
Tetrachloroethene	<0.24	ug/L	0.24	0.81	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
Tetrahydrofuran	<1.1	ug/L	1.1	3.6	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
Toluene	<0.50	ug/L	0.50	1.6	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.20	ug/L	0.20	0.68	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.5	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
Trichloroethene	<0.24	ug/L	0.24	0.79	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
Trichlorofluoromethane	<0.30	ug/L	0.30	1.0	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.60	1		05/07/2014 13:38	05/07/2014 13:38	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



Notes: \* Indicates Value in between the LOD (limit of detection) and the LOQ (limit of quantitation).

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Eric T. Korthals  
 Project Manager  
 608-356-2760

### QC Qualifiers

<u>Code</u>	<u>Description</u>
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

### Current CT Laboratories Certifications

Illinois NELAP ID# 002413  
 Kansas NELAP ID# E-10368  
 Kentucky ID# 0023  
 Pennsylvania NELAP ID# 68-04201  
 New Jersey NELAP ID# WI001  
 North Carolina ID# 674  
 Wisconsin (WDNR) Chemistry ID# 157066030  
 Wisconsin (DATCP) Bacteriology ID# 105-289  
 DoD-ELAP A2LA Cert # 3317.013  
 Alaska ID # UST-099  
 Louisiana ID # 115843  
 Virginia ID# 460203  
 ISO/IEC 17025-2005 A2LA Cert # 3317.01  
 GA EPD Stipulation ID 115843, Expires Annually



# Dunham



AYERS ASSOCIATES INC  
5201 E Terrace Dr Suite 200  
Madison, WI 53718-

Overnight Box  
4/28/14 8:49  
Pieces: 2  
Weight: 75

SHIP TO:

CT LABS

1230 Lange Ct

Baraboo, WI 53913-

(608) 356-2760



Tracking Number: 745203



X-0311-D745203

References:

Signature: \_\_\_\_\_

CUSTODY SEAL

CUSTODY SEAL

CUSTODY SEAL

CUSTODY SEAL

NP Lange 4-28-14

4-28-14 NP Lange

Cooper 5499  
4/29/14  
D. Co  
D. Co



**CT Laboratories LLC**

1230 Lange Ct  
Baraboo, WI 53913  
608-356-2760  
608-356-2766 (fax)

**LETTER OF TRANSMITTAL / CERTIFICATION**

Date: May 22, 2014

TO: Neil Carney  
Ayres Associates  
5201 E. Terrace Dr  
Suite 200  
Madison, WI 53718

RE: DNR Specified Groundwater and/or Gas Monitoring Data  
ASCII Files for Facilities Listed Below

License No.	Facility Name	Sample Results for the Month(s) of:
00133	Stoughton LF	04/14

The ASCII file(s) on this diskette(s) or email attachment contain(s) groundwater monitoring data as required by the Wisconsin Department of Natural Resources. To the best of my knowledge, the data presented is both accurate and true as reported by our Laboratory. This being said, should any question arise as to the accuracy of the data or the format in which it has been provided to you, the diskette should be returned to CT Laboratories LLC immediately for review and reconciliation. ***This letter of transmittal is not suitable for data certification for WDNR purposes and should not accompany the disk submitted to WDNR.***

COMMENTS:



Signed

Eric T. Korthals, Project Manager

Preventive Action Limit (PAL) Exceedances  
Stoughton Cty (00133)

WELL : 125      MW-9I

DATE	PARAMETER	DESCRIPTION	RESULT	PAL	LOD	UNIT
04/27/2014	39175	VINYL CHLORIDE	.18	.02	.18	UG/L
04/27/2014	39180	TRICHLOROETHYLENE	.87	.5	.24	UG/L

WELL : 128      MW-10I

DATE	PARAMETER	DESCRIPTION	RESULT	PAL	LOD	UNIT
04/25/2014	34475	TETRACHLOROETHYLENE	3.6	.5	.24	UG/L
04/25/2014	39180	TRICHLOROETHYLENE	.61	.5	.24	UG/L

WELL : 131      MW-13I

DATE	PARAMETER	DESCRIPTION	RESULT	PAL	LOD	UNIT
04/25/2014	81607	TETRAHYDROFURAN	19	10	1.1	UG/L

WELL : 133      MW-14S

DATE	PARAMETER	DESCRIPTION	RESULT	PAL	LOD	UNIT
04/27/2014	34475	TETRACHLOROETHYLENE	.88	.5	.24	UG/L

WELL : 134      MW-14I

DATE	PARAMETER	DESCRIPTION	RESULT	PAL	LOD	UNIT
04/27/2014	39175	VINYL CHLORIDE	.28	.02	.18	UG/L

Summary of Detected Volatile Compounds  
Stoughton Cty (00133)

Date : 05/22/14

**Field Blank**

Compound	04/25/2014, 04/27/2014	04/26/2013	04/26/2012	04/28/2011				
ACETONE		4.4						
BROMODICHLOROMETHANE		0.16						
CHLOROFORM		0.12						
DIBROMOCHLOROMETHANE		0.13						
ETHYLBENZENE		0.029						
M,P-XYLENE		0.061						
O-XYLENE		0.16						
TOLUENE		0.054						

Summary of Detected Volatile Compounds  
Stoughton Cty (00133)

Date : 05/22/14

MW-10I

Compound	04/25/2014, 04/27/2014	04/26/2013	04/26/2012	04/28/2011				
1,1,1-TRICHLOROETHANE		0.031						
1,1-DICHLOROETHANE		0.21						
1,2,3-TRICHLOROPROPANE		0.75		0.5				
1,2-DICHLOROPROPANE		0.085						
ACETONE		1.5						
CARBON DISULFIDE		0.027						
CHLOROBENZENE		0.028						
CHLOROETHANE		0.12						
CHLOROFORM		0.022						
CIS-1,2-DICHLOROETHYLENE	0.4	0.54		0.45				
DI-ISOPROPYL ETHER		0.026						
DICHLORODIFLUOROMETHANE	35	54		42				
FLUOROTRICHLOROMETHANE	0.53	0.92		0.66				
METHYLENE CHLORIDE		0.11						
TETRACHLOROETHYLENE	3.6	5		2.8				
TETRAHYDROFURAN		2.3						
TRICHLOROETHYLENE	0.61	0.94		0.68				
VINYL CHLORIDE		0.19						
trans-1,2-DICHLOROETHENE		0.079						



Summary of Detected Volatile Compounds  
Stoughton Cty (00133)

Date : 05/22/14

MW-10S

Compound	04/25/2014, 04/27/2014	04/26/2013	04/26/2012	04/28/2011				
ACETONE		2.1						
CARBON DISULFIDE		0.027						
DICHLORODIFLUOROMETHANE	0.95	0.74	0.91	2.3				
TETRACHLOROETHYLENE	0.41	0.065						

Summary of Detected Volatile Compounds  
Stoughton Cty (00133)

Date : 05/22/14

**MW-13I**

Compound	04/25/2014, 04/27/2014	04/26/2013	04/26/2012	04/28/2011				
DICHLORODIFLUOROMETHANE	9.2	6.8	5.8					
TETRAHYDROFURAN	19	14	11					

Summary of Detected Volatile Compounds  
Stoughton Cty (00133)

Date : 05/22/14

MW-14I

Compound	04/25/2014, 04/27/2014	04/26/2013	04/26/2012	04/28/2011				
1,1-DICHLOROETHANE		0.18						
1,2,3-TRICHLOROPROPANE		0.27						
1,2-DICHLOROBENZENE		0.033						
ACETONE		1.4						
CARBON DISULFIDE		0.076						
CHLOROBENZENE		0.056						
CHLOROETHANE		0.17						
CIS-1,2-DICHLOROETHYLENE		0.2		0.34				
DI-ISOPROPYL ETHER		0.038						
DICHLORODIFLUOROMETHANE	10	16	14	23				
FLUOROTRICHLOROMETHANE	0.48	0.66	0.67	0.66				
TETRACHLOROETHYLENE	0.37	0.51	0.62	0.71				
TETRAHYDROFURAN	1.2	1.7						
TRICHLOROETHYLENE	0.27	0.32		0.52				
VINYL CHLORIDE	0.28	0.3		0.24				
trans-1,2-DICHLOROETHENE		0.037						

Summary of Detected Volatile Compounds  
Stoughton Cty (00133)

Date : 05/22/14

MW-14S

Compound	04/25/2014, 04/27/2014	04/26/2013	04/26/2012	04/28/2011				
ACETONE		1.1						
DICHLORODIFLUOROMETHANE	6.7	2.5	7.8	11				
NAPHTHALENE		0.046						
TETRACHLOROETHYLENE	0.88	1.2	1.7	2.5				
TRICHLOROETHYLENE		0.092						



Summary of Detected Volatile Compounds  
Stoughton Cty (00133)

Date : 05/22/14

**MW-3D**

Compound	04/25/2014, 04/27/2014	04/26/2013	04/26/2012	04/28/2011				
TETRAHYDROFURAN	5.3	17	3.7	3.2				

Summary of Detected Volatile Compounds  
Stoughton Cty (00133)

Date : 05/22/14

**MW-4D**

Compound	04/25/2014, 04/27/2014	04/26/2013	04/26/2012	04/28/2011				
DICHLORODIFLUOROMETHANE		0.05						

Summary of Detected Volatile Compounds  
Stoughton Cty (00133)

Date : 05/22/14

**MW-5D**

Compound	04/25/2014, 04/27/2014	04/26/2013	04/26/2012	04/28/2011				
DICHLORODIFLUOROMETHANE	2.7	3.6	2.8	1.3				
TETRAHYDROFURAN		1.1						

Summary of Detected Volatile Compounds  
Stoughton Cty (00133)

Date : 05/22/14

**MW-7I**

Compound	04/25/2014, 04/27/2014	04/26/2013	04/26/2012	04/28/2011				
DICHLORODIFLUOROMETHANE		0.026						
TETRAHYDROFURAN	9	18	4.1					



Summary of Detected Volatile Compounds  
Stoughton Cty (00133)

Date : 05/22/14

**MW-9B**

Compound	04/25/2014, 04/27/2014	04/26/2013	04/26/2012	04/28/2011				
CIS-1,2-DICHLOROETHYLENE	0.27		0.43					
DICHLORODIFLUOROMETHANE	4.2		7.2	7.2				
FLUOROTRICHLOROMETHANE	2.5		5.2	4				

Summary of Detected Volatile Compounds  
Stoughton Cty (00133)

Date : 05/22/14

MW-9I

Compound	04/25/2014, 04/27/2014	04/26/2013	04/26/2012	04/28/2011				
1,1-DICHLOROETHANE		0.075						
1,2,3-TRICHLOROPROPANE		0.48	0.5	0.41				
ACETONE		2.1						
BENZENE		0.068		0.36				
CARBON DISULFIDE		0.028						
CHLOROETHANE		0.089						
CIS-1,2-DICHLOROETHYLENE	0.67	0.79	1	1.2				
DICHLORODIFLUOROMETHANE	40	48	54	66				
FLUOROTRICHLOROMETHANE	0.74	1	1.3	1.4				
METHYLENE CHLORIDE		0.13						
TETRACHLOROETHYLENE	0.32	0.39	0.38	0.48				
TETRAHYDROFURAN	1.3	1.8						
TRICHLOROETHYLENE	0.87	0.98	0.89	1.2				
VINYL CHLORIDE	0.18	0.25		0.24				
trans-1,2-DICHLOROETHENE		0.11						

Summary of Detected Volatile Compounds  
Stoughton Cty (00133)

Date : 05/22/14

MW-9S

Compound	04/25/2014, 04/27/2014	04/26/2013	04/26/2012	04/28/2011				
1,1-DICHLOROETHANE		0.087						
1,2,3-TRICHLOROPROPANE		0.32						
1,4-DICHLOROBENZENE		0.05						
ACETONE		2.6						
BENZENE	0.38	0.45	0.38	0.7				
CARBON DISULFIDE		0.09						
CHLOROBENZENE		0.079						
CHLOROETHANE		0.13						
CHLOROMETHANE		0.11						
CIS-1,2-DICHLOROETHYLENE		0.26		0.34				
DICHLORODIFLUOROMETHANE	38	67	69	77				
ETHYLBENZENE		0.019						
FLUOROTRICHLOROMETHANE	1.1	1.8	1.8	1.7				
METHYLENE CHLORIDE		0.13						
TETRACHLOROETHYLENE		0.14						
TETRAHYDROFURAN	2.7	3.1						
TOLUENE		0.049						
TRICHLOROETHYLENE		0.35						
VINYL CHLORIDE		0.23						
trans-1,2-DICHLOROETHENE		0.088						

Summary of Detected Volatile Compounds  
Stoughton Cty (00133)

Date : 05/22/14

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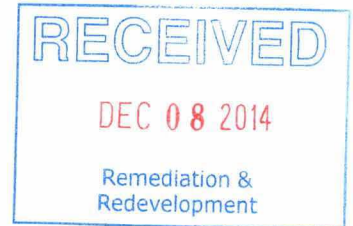
Compound	04/25/2014, 04/27/2014	04/26/2013	04/26/2012	04/28/2011				
ACETONE		1.9						
CARBON DISULFIDE		0.076						
METHYLENE CHLORIDE		0.15		0.5				



November 25, 2014



Mr. Gary A. Edelstein, PE  
Wisconsin Department of Natural Resources  
Bureau for Remediation and Redevelopment – RR/5  
PO Box 7921  
Madison, WI 53707



**SUBJECT:** October 2014 Semi-annual Facility Inspection Report  
Bi-Monthly Gas Monitoring Results  
Stoughton City Landfill  
FID No.113005950 – License No. 00133  
USEPA ID #WID980901219

Dear Mr. Edelstein:

This letter provides the Semi-Annual Report for the October 2014 Semi-annual Facility Inspection, and Bi-monthly Gas Monitoring events at the Stoughton City Landfill, located in Stoughton, Wisconsin. A discussion of the results of the inspection and monitoring events are summarized in the sections below.

## **1.0 Semi-annual Inspection Results**

The Semi-Annual Facility Inspection was conducted on October 31, 2014. The following items were noted during the inspection. A photo log of the inspection event is provided as Attachment A.

Perimeter Security Fencing – Site signage was unobstructed and legible. The chain-link fencing at the site was in good condition with no damage or vandalism noted. Access gates were in satisfactory condition with both padlocks functioning properly. No broken slats or warped boards were present.

Landfill Cover – Vegetation on the landfill cap was established and in late seasonal stage. No localized areas of ponding or bare soil were observed.

Two animal burrows were observed at both GV-11 and GV-12 (four burrows total) during the inspection. Additionally, woody vegetation was observed at GV-11. Refer to Attachment A, reference photos 2014-10-001 and 2014-10-002 for site conditions at these locations.

**Recommend plugging animal burrows and removing woody vegetation at the above-listed locations.**

Stormwater Management System – Erosion was not observed in the drainage channels, and the culverts appeared undamaged. Existing riprap was clogged with obstructions in the south stormwater drainage feature. Obstructions included cattails and woody vegetation, consistent with past inspections. Based on WDNR direction during the October 2012 inspection event, no further action is required in this area.

Landfill Gas Venting System – All 21 gas vents and screens were in good condition and unobstructed. No further action is required for this inspection feature.

Mr. Gary Edelstein  
November 25, 2014  
Page 2

Monitoring Wells and Wellhead Covers – The monitoring wells and wellhead covers were in good condition. No signs of tampering, damage, or damaged locks were found at any of the monitoring well locations. Existing well plugs were functioning as intended where installed in monitoring wells at the site. No further action is required for this inspection feature.

Access Road – The site access road was in good condition with no significant ruts or erosion noted. No further action is required for this inspection feature.

Refer to Attachment B for the field form completed during the semi-annual inspection.

## **2.0 Bi-monthly Gas Monitoring Results**

Bi-monthly Gas Monitoring of the three perimeter gas probes was conducted on June 13, August 22, and October 24, 2014. Based on the monitoring results, migration of landfill gas to the north of the landfill was not indicated during the event. The completed field forms for the Bi-monthly Gas Monitoring Inspections is included in Attachment C.

The completed field forms for the Bi-monthly Gas Monitoring Inspections are included in Attachment C.

## **3.0 Annual Mowing for Landfill Cover**

The annual landfill cap mowing event was conducted on August 29, 2014. A tractor pulled mower was utilized during the event. Vegetation was cut to a height of approximately 12-inches. Refer to Attachment A, reference photos 2014-10-003 and 2014-10-004 to see before and after photos of the cap vegetation addressed during the mowing event.

## **4.0 Conclusion**

If you have any questions regarding site activities or recommendations listed in this report, feel free to contact me by phone at 608.443.1298, or by e-mail at [carneyn@ayresassociates.com](mailto:carneyn@ayresassociates.com).

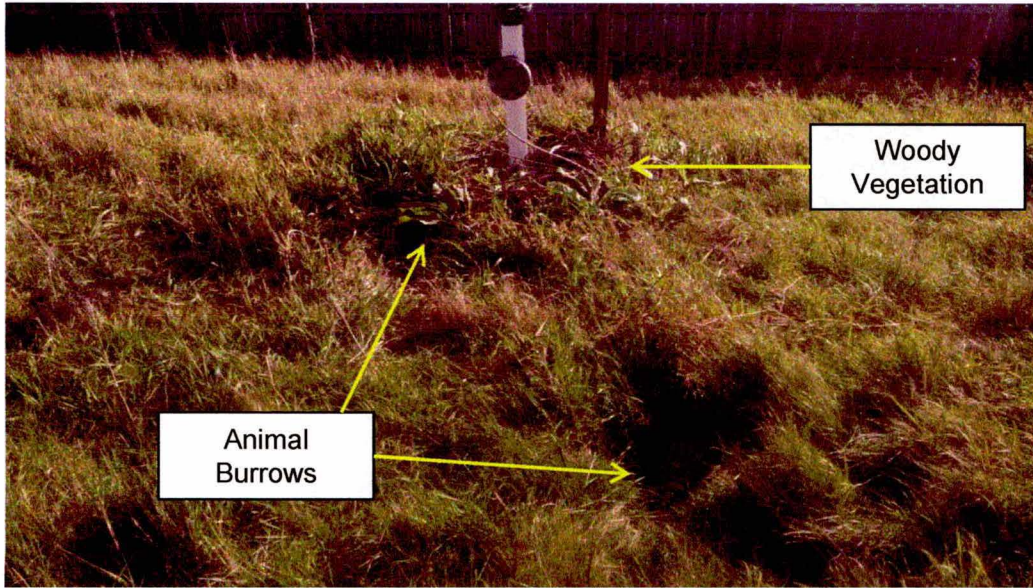
Ayres Associates Inc

  
Neil Carney, PE  
Project Manager

cc: Ms. Giang-Van Nguyen – USEPA Region V

**Attachment A**  
**Site Photographs**





2014-10-001: Animal Burrows and Woody Vegetation Near GV-11  
Date: 31-Oct-2014  
Time: 3:18 PM  
Weather: Cloudy, 38 Degrees F.



2014-10-002: Animal Burrows Near GV-12  
Date: 31-Oct-2014  
Time: 3:21 PM  
Weather: Cloudy, 38 Degrees F.

Signature of Photographer: *Rip Carney*





2014-10-003: Mowing Event ("Before" Conditions)

Date: 29-August-2014

Time: 8:09 AM

Weather: Clear Sky, Haze, 68 Degrees F.



2014-10-004: Mowing Event ("After" Conditions)

Date: 06-September-2014

Time: 12:00 PM

Weather: Sunny, 72 Degrees F.

Signature of Photographer: \_\_\_\_\_

*Rip Carney*

**Attachment B**  
**Semi-annual Inspection Form**

**Operation and Maintenance Semi Annual Inspection Report  
Stoughton City Landfill  
Stoughton, Wisconsin**

Inspector N. Carney  
 Company Agres Associates  
 Project Stoughton City LF  
 Location Stoughton, WI  
 Date/Time 10-31-14, 3:00 PM  
 Project No. 14-0270.31

Weather	Clear	P. Cloudy	<u>Cloudy</u>	Fog
Temperature	High <u>38°F</u>	<u>F</u>	---	---
Wind	Calm	<u>Medium 15mph</u>	High	---
Precipitation	<u>Rain</u>	<u>Light Mist</u>	Moderate	Heavy
	Snow	Light	Moderate	Heavy

Type of Inspection Routine  Special

Persons/Equipment Present: Neil Carney.

General Description of Site Conditions: Landfill is in generally good condition. Cap vegetation has been mowed to 12 inches. No signs of tampering. New wooden slats were installed by City of Stoughton Parks Dept. Mids + GVs were in good condition. Locks were functional, but some are showing signs of age/rust.

Specific Inspection Items	Potential Problem Areas	Status *	Notes
Perimeter Security Fencing	Broken or missing wood slats, torn chain link fabric.	(1)	Good
Entrance Gate and Locking Mechanism	Lock broken/missing, mechanism inoperative.	(1)	Good.
Monitoring Wells and Wellhead Covers	Signs of tampering, casing damaged, lock missing.	(1)	Good Condition, but rusty.
Final Cover Vegetation	Bare spots, stressed vegetation, deep rooted vegetation.	(2)	Woody vegetation @ GV-11
Final Cover Slope (explain below)	Gullies, lack of vegetation, subsidence, ponding.	(1)	No bare spots, ponding, or subsidence.
Evidence of Burrowing Animals	Damage to final cover, evidence of waste.	(2)	Barrows @, GV-11, GV-12
Stormwater Drainage Channels	Gullies, erosion, debris, culvert blocked.	(1)	Normal Cattails in S. Swale
Landfill Gas Venting System	Damaged or blocked vent risers, stressed vegetation.	(1)	All vents in good condition
Access Road	Ponding, rutting, erosion.	(1)	Good condition
Cover Mowing and Tall Vegetation Removal (October Inspection Only)	Mowing and tall vegetation removal done to specified vegetation height, any missed areas	(1)	Mowing complete + satisfactory

\* (1) Acceptable - No Maintenance Required. (2) Not Acceptable - Identify Required Maintenance.

Summary of Deficiencies and/or Corrective Actions: Two Burrows @ GV-11 + GV-12 each. Woody Vegetation @ GV-11

Signature of Inspector Neil Carney Date 31-Oct-2014

**Attachment C**  
**Bi-monthly Gas Monitoring Forms**



**Gas Probe Monitoring Report**  
**Stoughton City Landfill**  
**Stoughton, Wisconsin**

Probe	%LEL (as methane)	% Oxygen	%CO2	PID (ppm)	Pressure (inches of water)
GMP-1	0.00	20.5	0.06	0.00	29.02
GMP-2	0.00	17.2	3.3	0.00	29.02
GMP-3	0.00	15.5	5.5	0.00	29.02

Instruments Used: SEM-2000, HNu PID Meter

Operator: Neil Carney

Date: 6-13-2014 @ 4PM

Weather Conditions:

Barometric Pressure (inches of Hg): 29.99 in Hg. Temperature (Degrees F): 73°

Relative Humidity (%): 25% Dewpoint (Degrees F): 35° Wind: NNW 12MPH

Sky Conditions: Sunny

Ground Conditions:

Snow  No Snow  Frozen Ground/Frost

**Gas Probe Monitoring Report**  
**Stoughton City Landfill**  
**Stoughton, Wisconsin**

Probe	%LEL (as methane)	% Oxygen	%CO2	PID (ppm)	Pressure (inches of water) Hg
GMP-1	0.00	20.9	0.00	0.00	29.01
GMP-2	0.00	20.9	0.00	0.00	29.01
GMP-3	0.00	12.5	6.4	0.00	29.01

Instruments Used: GEM-2000, HNu PID

Operator: Neil Carney

Date: 8-22-2014 7:00 AM

**Weather Conditions:**

Barometric Pressure (inches of Hg): 29.84 Temperature (Degrees F): 73°

Relative Humidity (%): 89% Dewpoint (Degrees F): 72° Wind: 2 MPH

Sky Conditions: Cloudy / Haze / Fog

**Ground Conditions:**

Snow  No Snow  Frozen Ground/Frost

Gas Probe Monitoring Report  
Stoughton City Landfill  
Stoughton, Wisconsin

Probe	%LEL (as methane)	% Oxygen	%CO2	PID (ppm)	Pressure (inches of water) Hg
GMP-1	0.00	20.2	1.1	0.0	29.01
GMP-2	0.00	17.9	2.5	0.0	29.01
GMP-3	0.00	14.0	5.7	0.0	29.01

Instruments Used: GEM-2000, H<sub>2</sub>N<sub>2</sub> PID Meter

Operator: Neil Carney

Date: 10-24-2014

Weather Conditions:

Barometric Pressure (inches of Hg): 29.93 Temperature (Degrees F): 61°F

Relative Humidity (%): 67% Dewpoint (Degrees F): 52°F Wind: S 8mph

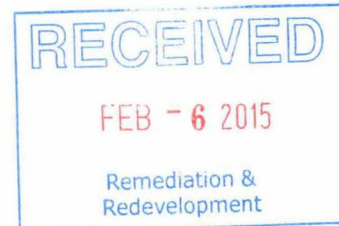
Sky Conditions: Mostly Sunny

Ground Conditions:

Snow  No Snow  Frozen Ground/Frost

January 7, 2015

Mr. Gary A. Edelstein, PE  
Wisconsin Department of Natural Resources  
Bureau for Remediation and Redevelopment - RR/5  
PO Box 7921  
Madison, WI 53707



**SUBJECT:** Groundwater Monitoring Report  
December 2014 Monitoring Event – MW-13I  
Stoughton City Landfill  
FID No.113005950 - License No. 00133  
USEPA ID #WID980901219

Dear Mr. Edelstein:

This letter provides the Groundwater Monitoring Report for the December 2014 monitoring event for MW-13I at the Stoughton City Landfill, located in Stoughton, Wisconsin. Ayres Associates conducted the requested groundwater monitoring event on December 8, 2014.

A CD-ROM with the electronic data files of analytical results is also being submitted to the Wisconsin Department of Natural Resources (WDNR) Central Office, along with the WDNR *Environmental Monitoring Data Certification* Form 4400-231 (R1/04).

## **1.0 GROUNDWATER MONITORING EVENT**

### **1.1 FIELD PROCEDURES**

The field procedures for groundwater sample collection were conducted in accordance with provisions detailed in the WDNR-approved *Quality Assurance Project Plan (QAPP), Operation and Maintenance, Stoughton City Landfill, Stoughton, Wisconsin* (Ayres Associates, April 2011).

CT Laboratories of Baraboo, Wisconsin, analyzed the groundwater samples for dichlorodifluoromethane (DCDFM) and tetrahydrofuran (THF) by EPA Method SW 8260B.

### **1.2 GROUNDWATER MONITORING ANALYTICAL RESULTS**

There were no detectable concentrations for the analyzed compounds, and therefore no NR 140 Wisconsin Administrative Code standard exceedances were identified from analytical results.

The laboratory analytical report is enclosed as Attachment A.

### **1.3 SAMPLING PLAN DEVIATIONS**

No sampling plan deviations occurred during this sampling event.



Mr. Gary A. Edelstein  
January 8, 2015  
Page 2

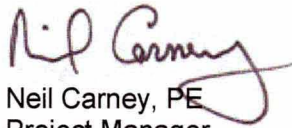
### 3.0 RECOMMENDATIONS

Due to preventative action limit (PAL) exceedances for THF and detections for DCDFM during historical sampling rounds, it is recommended to resume annual monitoring frequency at this well location. Additional data can be utilized to determine if there is an increasing concentration trend over time.

If you have any questions regarding site activities or this report, feel free to contact me by phone at 608.443.1298, or by e-mail at [carneyn@ayresassociates.com](mailto:carneyn@ayresassociates.com).

Sincerely,

Ayres Associates Inc

A handwritten signature in dark ink, appearing to read "Neil Carney". The signature is fluid and cursive, with the first name "Neil" and last name "Carney" clearly distinguishable.

Neil Carney, PE  
Project Manager

NC:sm

Attachments

cc: Ms. Giang-Van Nguyen - USEPA Region V

5C

State of Wisconsin  
Department of Natural Resources

Environmental Monitoring Data Certification

Form 4400-231(R 1/04)

**Notice:** Personally identifiable information collected will be used for program administration and enforcement purposes. The Department may also provide this information to requesters as required under Wisconsin's Open Records law, ss. 19.31 to 19.39, Wis. Stats. When submitting monitoring data, the owner or operator of the facility, practice or activity is required to notify the Department in writing that a groundwater standard or an explosive gas level has been attained or exceeded, as specified in ss. NR 140.24(1)(a), NR 140.26(1)(a), NR 507.30NR 635.14(9)(a); NR 635.18(20) and NR 507.30, Wis. Adm. Code. Failure to report may result in fines, forfeitures or other penalties resulting from enforcement under ss. 289.97, 291.97 or 299.95, Wis. Stats.

RECEIVED  
FEB 10 2015  
Waste & Materials  
Management

**Instructions:**

- Prepare one form for each license or monitoring ID.
- Please type or print legibly.
- Attach a notification of any values that attain or exceed groundwater standards (that is, preventive action limits, enforcement standards or alternative concentration limits). The notification must include a preliminary analysis of the cause and significance of each value.
- Attach a notification of any gas values that attain or exceed explosive gas levels.
- Send the original signed form, any notification, and Electronic Data Deliverable [EDD] to: GEMS Data Submittal Contact - WA/5  
Bureau of Waste Management  
Wisconsin Department of Natural Resources  
101 South Webster Street  
Madison WI 53707-7921

**Monitoring Data Submittal Information**

Name of entity submitting data (laboratory, consultant, facility owner):

Ayres Associates Inc

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Neil E. Carney Phone: (608) 443-1298

E-mail: carneyn@ayresassociates.com

Facility name:	License # / Monitoring ID	Facility ID [ FID ]	Actual sampling dates (e.g., July 2-6, 2003)
Stoughton City Landfill	License# - 00133 FID - 13005950		December 8, 2014

The enclosed results are for sampling required in the month(s) of: (e.g., June 2003)

December 2014

Type of Data Submitted (Check all that apply)

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Groundwater monitoring data from monitoring wells | <input type="checkbox"/> Gas monitoring data   |
| <input type="checkbox"/> Groundwater monitoring data from private water supply wells  | <input type="checkbox"/> Air monitoring data   |
| <input type="checkbox"/> Leachate monitoring data                                     | <input type="checkbox"/> Other (specify) _____ |

Notification attached?

- No. No groundwater standards or explosive gas limits were exceeded.
- Yes, a notification of values exceeding a groundwater standard is attached. It includes a list of monitoring points, dates, sample values, groundwater standard and preliminary analysis of the cause and significance of any concentration.
- Yes, a notification of values exceeding an explosive gas limit is attached. It includes the monitoring points, dates, sample values and explosive gas limits.

**Certification**

**To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards.**

Neil E. Carney, PE

Project Manager

(608) 443-1298

Facility Representative Name (Print)

Title

(Area Code) Telephone No.

*Neil E. Carney*  
Signature

*05-Feb-2015*  
Date

**FOR DNR USE ONLY. Check action taken, and record date and your initials. Describe on back side if necessary.**

Found uploading problems on \_\_\_\_\_ Initials \_\_\_\_\_

Notified contact of problems on \_\_\_\_\_ Uploaded data successfully on 2/9/15

EDD format(s):  Diskette  CD (initial submittal and follow-up)  E-mail (follow-up only)  Other

*From submission provided by Gary Kestelstein. M.D.*

**Attachment A**  
**Laboratory Analytical Report**

**ANALYTICAL REPORT**

AYRES ASSOCIATES  
 NEIL CARNEY  
 1802 PANKRATZ ST  
 MADISON, WI 53704-4069

Project Name: STOUGHTON CITY LF  
 Project Phase:  
 Contract #: 2377  
 Project #: 19-0270.31  
 Folder #: 108462  
 Purchase Order #:

Page 1 of 2  
 Arrival Temperature: See COC  
 Report Date: 12/23/2014  
 Date Received: 12/09/2014  
 Reprint Date: 12/26/2014

CT LAB Sample#: 534460 Sample Description: MW-13I Sampled: 12/08/2014 1630

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
<b>Organic Results</b>										
Dichlorodifluoromethane	<0.60	ug/L	0.60	2.0	1		12/15/2014	11:13	RLD	EPA 8260C
Tetrahydrofuran	<1.1	ug/L	1.1	3.6	1		12/15/2014	11:13	RLD	EPA 8260C

CT LAB Sample#: 534461 Sample Description: TRIP BLANK Sampled: 12/08/2014 1645

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
<b>Organic Results</b>										
Dichlorodifluoromethane	<0.60	ug/L	0.60	2.0	1		12/15/2014	09:47	RLD	EPA 8260C
Tetrahydrofuran	<1.1	ug/L	1.1	3.6	1		12/15/2014	09:47	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis





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Notes: \* Indicates Value in between the LOD (limit of detection) and the LOQ (limit of quantitation).

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.



Submitted by: Eric T. Korthals  
Project Manager  
608-356-2760

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**Current CT Laboratories Certifications**

Florida NELAP ID# E871111  
Kansas NELAP ID# E-10368  
Kentucky ID# 0023  
Pennsylvania NELAP ID# 68-04201  
New Jersey NELAP ID# W1001  
North Carolina ID# 674  
Wisconsin (WDNR) Chemistry ID# 157066030  
Wisconsin (DATCP) Bacteriology ID# 105-289  
DoD-ELAP L-A-B Cert # L2392  
Alaska ID # UST-099  
Louisiana ID # 115843  
Virginia ID# 460203  
Illinois NELAP ID # 002413  
ISO/IEC 17025-2005 L-A-B Cert # L2392  
GA EPD Stipulation ID 115843, Expires Annually



# Cooler Receipt Form

Ice Present YES NO  
Temperature 1-3° F  
IR Gun # 3  
Initials TKV  
Date 12/9/14 Time 1037  
Cooler #: unmarked

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*Custody*

*Seal*

*NOG*

*12-8-2014*

SHIPPER  
RELEASE

GG

 **UPS Ground S.D.P.**  
Shipping Document

SHIPMENT FROM  
UPS ACCOUNT NO. 580-421  
REFERENCE NUMBER

TELEPHONE 803-554-631  
*Neil Gregg*  
*Ayres Associates*  
*5201 ...*  
*Norfolk VA 23715*

DELIVERY TO  
TELEPHONE 203-550-2860  
*Shore Point*  
*CT Laboratories*  
*1230 Lange Ct.*  
*Boraboo CT 06315*

**UPS Ground S.D.P.**

  
K229 834 132 9  
TRACKING NUMBER

**CT Laboratories LLC**  
1230 Lange Ct  
Baraboo, WI 53913  
608-356-2760  
608-356-2766 (fax)

**LETTER OF TRANSMITTAL / CERTIFICATION**

Date: January 6, 2015

TO: Neil Carney  
Ayres Associates  
5201 E. Terrace Dr  
Suite 200  
Madison, WI 53718

RE: DNR Specified Groundwater and/or Gas Monitoring Data  
ASCII Files for Facilities Listed Below

License No.	Facility Name	Sample Results for the Month(s) of:
00133	Stoughton LF	12/14

The ASCII file(s) on this diskette(s) or email attachment contain(s) groundwater monitoring data as required by the Wisconsin Department of Natural Resources. To the best of my knowledge, the data presented is both accurate and true as reported by our Laboratory. This being said, should any question arise as to the accuracy of the data or the format in which it has been provided to you, the diskette should be returned to CT Laboratories LLC immediately for review and reconciliation. ***This letter of transmittal is not suitable for data certification for WDNR purposes and should not accompany the disk submitted to WDNR.***

COMMENTS:



Signed

Eric T. Korthals, Project Manager



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Preventive Action Limit (PAL) Exceedances  
Stoughton Cty (00133)

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No PAL exceedances were noted for this period.