

file



June 25, 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: Annual Groundwater Monitoring Report and
Semi-Annual Inspection Report
April 2015 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 2015 monitoring events at the Stoughton City Landfill, located in Stoughton, Wisconsin. Ayres Associates conducted the semi-annual facility inspection event on April 4, 2015, and the annual groundwater monitoring event on April 24 and 26, 2015. 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 4, 2015. Refer to Attachment B for the field form completed during the semi-annual inspection. The following items were noted during the inspection event.

Perimeter Security Fencing – Generally, the fencing was in good condition. Two slats were observed to be broken approximately 100 feet north of the west access gate to the site. Refer to Photograph 2015-04-001 and 2015-04-002 in Attachment A for a depiction of the noted site condition. The Department was contacted immediately following the inspection to identify this deficiency. The City of Stoughton Parks Department has completed repairs in this location since the inspection date. The chain-link fencing at the site was in good condition with no damage or vandalism noted. The gates were in satisfactory condition. Site signage was unobstructed and legible on the south gate. **Signage was missing from the west gate and should be replaced.**

Note: The site plan incorrectly labels the west gate as "east gate" on the site drawing.

Stormwater Management System – No erosion was observed in the drainage channels, and the culverts appeared undamaged. Cattail vegetation was in the seasonal emergent phase and was observed in the south drainage channel. Woody vegetation has also established itself in the south drainage channel. Per Department direction, this deficiency does not require corrective action.

Project: 19-0270.32 File: v:\env\final\19027032\stoughton lf annual rpt apr 2015_final.docx

Landfill Cover – Vegetation on the landfill cap was emerging. No localized areas of ponding, subsidence, or bare soil were observed.

Landfill Gas Venting System – Gas vents and screens were in good condition and unobstructed. During the inspection, the riser for GV-8 had an observable angle. This can be attributed to localized subsidence of material, or degradation of piping material for the riser. Refer to Photograph 2015-04-003 in Attachment A for a depiction of the current condition. Function of the passive vent is not believed to be impacted, but could become an issue in the future if conditions continue to degrade at this location.

Monitoring Wells and Wellhead Covers – All monitoring wells and wellhead covers are in satisfactory condition.

Access Road – The landfill access road near the perimeter fence line was in satisfactory condition. Two areas of rutting were observed near the northwest and southwest corners of the landfill, likely caused by City of Stoughton maintenance vehicles. Refer to Photograph 2015-04-004 and 2015-04-005 in Attachment A for a depiction of the noted condition. These areas will be evaluated during subsequent inspection events to determine if corrective actions are required.

2.0 BI-MONTHLY GAS MONITORING RESULTS

Bi-monthly gas monitoring of the three perimeter gas probes was conducted on December 8, 2014, February 23, 2015, and April 4, 2015. 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 8260C.

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 the full list of VOCs by Method 8260C. 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 VOCs by Method 8260C or for DCDFM and THF only by Method 8260C. 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 ($\mu\text{g/L}$)	PAL ($\mu\text{g/L}$)	Result ($\mu\text{g/L}$)
MW-9I			
Trichloroethylene	5	0.5	0.84
MW-10I			
Tetrachloroethylene	5	0.5	2.7
MW-14S			
Tetrachloroethylene	5	0.5	0.86

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

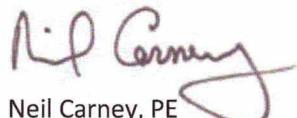
Due to PAL exceedances for tetrachloroethylene and trichloroethene, we recommend continuing the VOC monitoring program.

Mr. Gary A. Edelstein
June 25, 2015
Page 4 of 4

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.

Sincerely,

Ayres Associates Inc



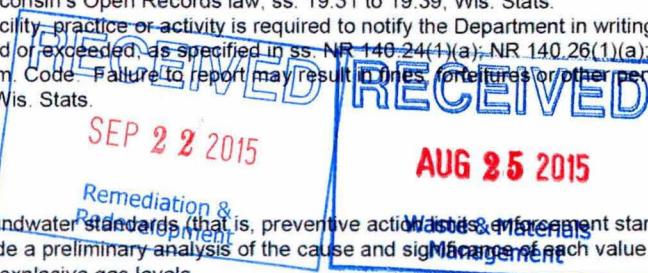
Neil Carney, PE
Project Manager

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.



AUG 25 2015

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, 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		April 24, 2015 and
	FID - 13005950		April 26, 2015

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

April 2015

Type of Data Submitted (Check all that apply)

Groundwater monitoring data from monitoring wells
 Groundwater monitoring data from private water supply wells
 Leachate monitoring data

Gas monitoring data
 Air monitoring data
 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

August 20, 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 _____

8/27/15

MD

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 2015

Compound	ES ($\mu\text{g/L}$)	PAL ($\mu\text{g/L}$)	Result ($\mu\text{g/L}$)
MW-3D			
Tetrahydrofuran	50	10	4.8
MW-5D			
Dichlorodifluoromethane	1000	200	1.3
MW-7I			
Tetrahydrofuran	50	10	6.3
MW-9B			
cis-1,2-Dichloroethene	70	7	0.26
Dichlorodifluoromethane	1000	200	3.0
Fluorotrichloromethane	3490	698	2.5
MW-9I			
cis-1,2-Dichloroethene	70	7	0.66
Dichlorodifluoromethane	1000	200	21
Fluorotrichloromethane	3490	698	0.4
Tetrachloroethylene	5	0.5	0.26
Trichloroethylene	5	0.5	0.84
MW-9S			
cis-1,2-Dichloroethene	70	7	0.3
Dichlorodifluoromethane	1000	200	22
Fluorotrichloromethane	3490	698	0.6

TABLE 1
Summary of Detected Compounds and Exceedances
Annual Groundwater Report
Stoughton City Landfill
April 2015

Compound	ES ($\mu\text{g/L}$)	PAL ($\mu\text{g/L}$)	Result ($\mu\text{g/L}$)
MW-10I			
cis-1,2,-Dichloroethylene	70	7	0.23
Dichlorodifluoromethane	1000	200	12
Tetrachloroethylene	5	0.5	2.7
Trichloroethylene	5	0.5	0.38
MW-10S			
Tetrachloroethylene	5	0.5	0.48
MW-14I			
cis-1,2,-Dichloroethylene	70	7	0.21
Dichlorodifluoromethane	1000	200	4.4
Trichloroethylene	5	0.5	0.24
MW-14S			
Dichlorodifluoromethane	1000	200	2.7
Tetrachloroethene	5	0.5	0.86

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 (January 2012)
2. PAL - Preventive Action Limit
3. ES - Enforcement Standard
4. $\mu\text{g/L}$ - 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 2015**

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	4/24/2015	10.09	73.0	41	8.63	7.16	0.958
MW4D	115	4/24/2015	7.43	74.0	44	9.44	7.34	1.052
MW5D	117	4/26/2015	7.10	77.0	46	9.27	8.26	0.817
MW7I	119	4/26/2015	0.89	60.0	39	9.82	7.76	0.956
MW8I	122	4/26/2015	1.50	62.4	88	9.66	7.76	1.083
MW9S	124	4/24/2015	2.27	13.4	8	7.65	7.64	0.730
MW9I	125	4/24/2015	2.74	21.5	13	8.67	7.54	0.741
MW9B	126	4/24/2015	2.56	83.3	53	9.44	7.50	0.763
MW10S	127	4/26/2015	3.19	16.9	4	6.27	7.61	0.656
MW10I	128	4/26/2015	-	39.8	Self Purging	9.16	7.42	0.781
MW13I	131	4/26/2015	-	51.5	Self Purging	9.86	8.06	0.617
MW14S	133	4/24/2015	3.38	26.2	15	7.94	7.66	0.412
MW14I	134	4/24/2015	2.64	51.2	32	9.69	7.38	0.769
MW7I DUP	—	4/26/2015	-	-	-	-	-	-
MW10I DUP	—	4/26/2015	-	-	-	-	-	-
Trip Blank	—	4/26/2015	-	-	-	-	-	-
Field Blank	—	4/26/2015	-	-	-	-	-	-

TABLE 3

Water Table Elevation Summary
Annual Groundwater Report
Stoughton City Landfill
April 2015

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	10.09	73.0	10.0	--	857.07	1.9	855.17	845.08
MW4D	115	7.43	74.0	10.0	--	854.17	2.1	852.08	844.65
MW5D	117	7.10	77.0	10.0	--	854.15	1.8	852.35	845.25
MW7I	119	0.89	60.0	10.0	--	846.69	2.7	843.99	843.10
MW8I	122	1.50	62.4	10.0	--	--	2.1	846.32	844.82
MW9S	124	2.27	13.4	10.0	--	848.98	1.8	847.23	844.96
MW9I	125	2.74	21.5	10.0	--	849.18	2.0	847.14	844.40
MW9B	126	2.56	83.3	10.0	--	848.88	2.2	846.68	844.12
MW10S	127	3.19	16.9	10.0	829.98	--	2.4	846.88	843.69
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	3.38	26.2	10.0	--	--	2.4	848.73	845.35
MW14I	134	2.64	51.2	10.0	--	--	1.5	847.38	844.74

TABLE 4

**Historical Target Compound Detections
Annual Groundwater Report
Stoughton City Landfill
April 2015**

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	22	ND	22-400	ND-22
MW10S	ND	ND	ND-20	ND-20
MW13S	NA	NA	ND	ND
MW14S	2.7	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	4.8	ND	3.2-310
MW3B	NA	NA	ND	ND-1.9
MW4D	ND	ND	ND-0.05	ND-2.2
MW5D	1.3	ND	0.92-10	1.1-4.0
MW7I	ND	6.3	ND-0.026	ND-16
MW7B	NA	NA	ND	ND-1.7
MW8I	ND	ND	ND	ND-20
MW8B	NA	NA	ND	ND
MW9I	21	ND	12-340	ND-12
MW9B	3.0	ND	2.3-25	ND-2.4
MW10I	12	ND	ND-280	ND-21
MW10D	NA	NA	ND	ND
MW13I	ND	ND	ND-9.2	ND-22
MW13D	NA	NA	ND-0.61	ND-9.3
MW14I	4.4	ND	4.4-590	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



2015-04-001: Broken Fencing, 100ft North of West Access Gate

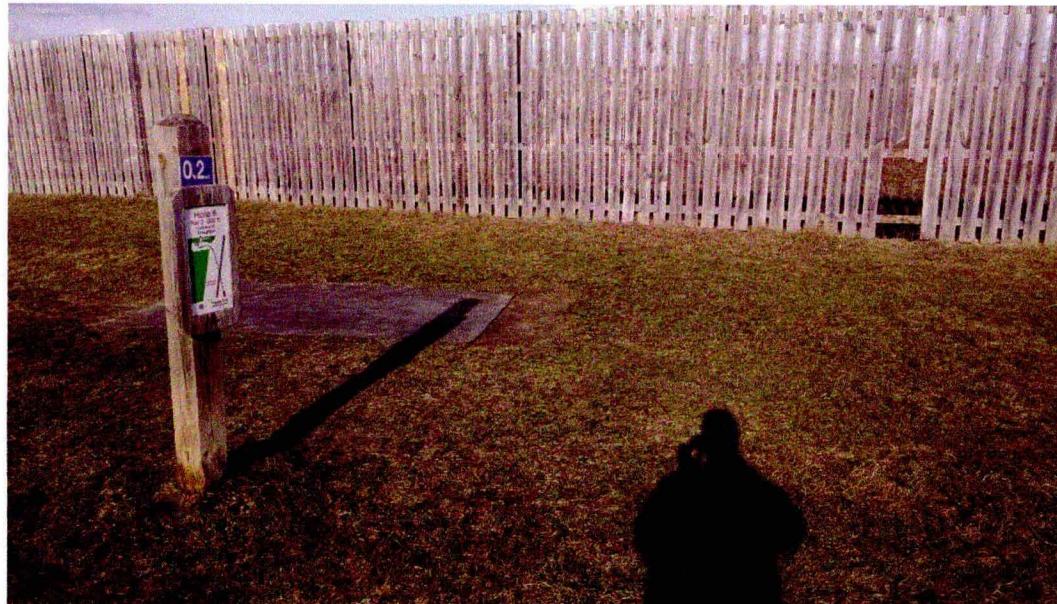
Date: 4-April-2015

Time: 5:00 PM

Weather: Sunny - P. Sunny, 55 Degrees F.

Signature of Photographer:

Rip Corrigan



2015-04-002: Broken Fencing, 100ft North of West Access Gate

Date: 4-April-2015

Time: 5:18 PM

Weather: Sunny - P. Sunny, 55 Degrees F.

Signature of Photographer:

Nip Garney



2015-04-003: Tilted Gas Vent, GV-8

Date: 4-April-2015

Time: 4:45 PM

Weather: Sunny - P. Sunny, 55 Degrees F.

Signature of Photographer: Nil Germany



2015-04-004: Road Rutting, Northwest

Date: 4-April-2015

Time: 5:16 PM

Weather: Sunny - P. Sunny, 55 Degrees F.

Signature of Photographer: Nil Cormany

AYRES
ASSOCIATES



2015-04-005: Road Rutting, Southwest

Date: 4-April-2015

Time: 5:21 PM

Weather: Sunny - P. Sunny, 55 Degrees F.

Signature of Photographer: Nip Corney

AYRES
ASSOCIATES

Attachment B
Semi-annual Inspection Report
April 2015

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

Inspector

N. Carney

Company

Anger Associates

Project

Stoughton LF

Location

Stoughton WI

Date/Time

Apr. 4, 2015

Project No.

14-0270.32

Weather	<u>Clear</u>	P. Cloudy	Cloudy	Fog
Temperature	High <u>60°</u>	F	---	---
Wind	Calm	<u>Medium 15 MPH</u>	High	---
Precipitation	Rain <u>None</u>	Light	Moderate	Heavy
	Snow <u>None</u>	Light	Moderate	Heavy

Type of Inspection Routine Special

Persons/Equipment Present: Nail Carney

General Description of Site Conditions: Cap is in good condition following winter months. No major ruts or subsidence noted. Vegetation is in early stages of emergence. All gas wells present GV-B has noticeable angle that may get worse in future if not repaired. Noticeable tire ruts on LF access road on SE & NE corner of site. Broken slats on perimeter fence approx. 100 ft North of East gate. East gate requires new sign. All MWs present with no damage or vandalism.

Specific Inspection Items	Potential Problem Areas	Status *	Notes
Perimeter Security Fencing	Broken or missing wood slats, torn chain link fabric.	2	Broken slats ~100 ft N. of East gate need repair.
Entrance Gate and Locking Mechanism	Lock broken/missing, mechanism inoperative.	1	E. gate needs new signage.
Monitoring Wells and Wellhead Covers	Signs of tampering, casing damaged, lock missing.	1	OK
Final Cover Vegetation	Bare spots, stressed vegetation, deep rooted vegetation.	1	OK
Final Cover Slope (explain below)	Gullies, lack of vegetation, subsidence, ponding.	1	OK
Evidence of Burrowing Animals	Damage to final cover, evidence of waste.	1	OK
Stormwater Drainage Channels	Gullies, erosion, debris, culvert blocked.	1	S. drainage ditch has overgrowth of vegetation. OK per WDNR.
Landfill Gas Venting System	Damaged or blocked vent risers, stressed vegetation.	2	GV-B is showing subsidence.
Access Road	Ponding, rutting, erosion.	2	Rutting observed on NE & SE access road.
Cover Mowing and Tall Vegetation Removal (October Inspection Only)	Mowing and tall vegetation removal done to specified vegetation height, any missed areas		

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

Summary of Deficiencies and/or Corrective Actions: Broken Slats, GV-B Resetting, Perimeter Road Rutting.

Signature of Inspector Nail Carney Date 04-Apr-2015

Attachment C

Bi-monthly Gas Monitoring Reports

December 2014

February 2015

April 2015

Gas Probe Monitoring Report
Stoughton City Landfill
Stoughton, Wisconsin

15% of LEL

Probe	%LEL (as methane)	% Oxygen	%CO2	PID (ppm)	Pressure (inches of water)
GMP-1	0.7%	18.9	3.4	0.0	28.99
GMP-2	0.1%	18.4	1.6	0.0	28.99
GMP-3	0.1%	13.9	3.7	0.0	28.99

Instruments Used: GEM 2000 - HAN PID Meter
Operator: Neil Curney
Date: December 8, 2014

Weather Conditions:

Barometric Pressure (inches of Hg): 30.01 Temperature (Degrees F): 32°F

Relative Humidity (%): 92% Dewpoint (Degrees F): 30° Wind: 12 MPH

Sky Conditions: Cloudy - Sleet/Snow

Ground Conditions:

Snow No Snow Frozen Ground/Frost
 Sleet/Snow

Gas Probe Monitoring Report
Stoughton City Landfill
Stoughton, Wisconsin

Probe	%LEL (as methane)	% Oxygen	%CO2	PID (ppm)	Pressure (inches of water)
GMP-1	0.0%	19.6%	0.3%	0.0%	29.99
GMP-2	0.0%	18.4%	0.8%	0.0%	29.99
GMP-3	0.0%	15.4%	3.4%	0.0	29.99

Instruments Used: GEM-2000, H/NH₃ PID Meter

Operator: Neil Corney

Date: Feb 23, 2015

Weather Conditions: Cold!

Barometric Pressure (inches of Hg): 30.50 Temperature (Degrees F): 2°F

Relative Humidity (%): 60% Dewpoint (Degrees F): -10°F Wind: 8 mph

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)
GMP-1	0.00 %	20.6 %	0.1 %	0.00	29.15
GMP-2	NE 0.9% 0.0%	19.8 %	0.9 %	0.00	29.15
GMP-3	0.0 %	15.7 %	3.3 %	0.00	29.15

Instruments Used: GEM 2000, HN_n PID Meter

Operator: Neil Carney
Date: April 4, 2015

Weather Conditions:

Barometric Pressure (inches of Hg): 30.14 in Hg Temperature (Degrees F): 55° F

Relative Humidity (%): 24% Dewpoint (Degrees F): 19°F Wind: WNW 15 mph

Sky Conditions: Sunny / P. Sunny

Ground Conditions:

Snow No Snow Frozen Ground/Frost

November 15, 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: October 2015 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 2015 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, 2015. The following items were noted during the inspection. A photo log of the inspection event is provided as Attachment A.

Perimeter Security Fencing – 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. Three signs were installed at the site on the southwest perimeter fence, west gate, and northwest perimeter fence. Refer to Attachment A, reference photos 2015-10-003 to 2015-10-005 for the three locations.

Landfill Cover – Vegetation on the landfill cap was established and in transition to late-seasonal stage. Majority of cap was still lush and green due to recent period of warm weather. No localized areas of ponding or bare soil were observed.

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 15, 2015
Page 2

Monitoring Wells and Wellhead Covers – The monitoring wells and wellhead covers were in good condition. No signs of tampering or damage were found at any of the monitoring well locations. The lock at GMP-3 is no longer clasping shut. Replacement of the lock is recommended. The Department will provide a replacement lock which will be installed during the December 2015 gas monitoring event.

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 19, August 7, and October 29, 2015. Based on the monitoring results, migration of methane to the south and southwest 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.

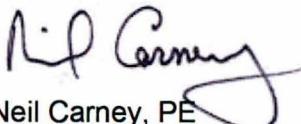
3.0 Annual Mowing for Landfill Cover

The annual landfill cap mowing event was conducted on August 8, 2015. 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 2015-10-001 and 2015-10-002 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.

Ayres Associates Inc



Neil Carney, PE
Project Manager

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

Attachment A

Site Photographs



2015-10-001: Mowing Event ("Before" Conditions)

Date: 8-August-2015

Time: 8:09 AM

Weather: Cloudy, 62 Degrees F.



2015-10-002: Mowing Event ("After" Conditions)

Date: 8-August-2015

Time: 2:02 PM

Weather: Sunny, 74 Degrees F.

Signature of Photographer:

Nil Germany



2015-10-003: NR714 Sign Installed on SW Perimeter Fence

Date: 07 November 2015

Time: 10:40 AM

Weather: Sunny, 50 Degrees F.



2015-10-004: NR714 Sign Installed on West Gate

Date: 07 November 2015

Time: 10:51 AM

Weather: Sunny, 50 Degrees F.

Signature of Photographer:

Nil Germany



2015-10-005: NR714 Sign Installed on NW Perimeter Fence

Date: 07 November 2015

Time: 11:02 AM

Weather: Sunny, 50 Degrees F.

Signature of Photographer:

Nil Germany

Attachment B

Semi-annual Inspection Form

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

Inspector N. CarneyCompany Agnes AssociatesProject Stoughton City LFLocation Stoughton, WIDate/Time 10/31/2015Project No. 19-0270-32

Weather	Clear	P. Cloudy	Cloudy	Fog
Temperature	High	F	---	---
Wind	Calm	(Medium)	High	---
Precipitation	Rain	Light	Mist/Drizzle	Moderate
	Snow	Light	Moderate	Heavy

Type of Inspection Routine Special Persons/Equipment Present: Neil Carney

General Description of Site Conditions: All surfaces are wet from today's rain. Vegetation is well established on final cover. No bare spots visible. All GUs are in place and intact. Several slats on perimeter fence have been replaced by City. New concrete pads constructed at Frisbee Golf Course. No damage to wells. Typical WDNR-approved vegetation in South Drainage Ditch.

Specific Inspection Items	Potential Problem Areas	Status *	Notes
Perimeter Security Fencing	Broken or missing wood slats, torn chain link fabric.	1	
Entrance Gate and Locking Mechanism	Lock broken/missing, mechanism inoperative.	1	
Monitoring Wells and Wellhead Covers	Signs of tampering, casing damaged, lock missing.	2	GMP-3 Lock does not close.
Final Cover Vegetation	Bare spots, stressed vegetation, deep rooted vegetation.	1	Goat composition
Final Cover Slope (explain below)	Gullies, lack of vegetation, subsidence, ponding.	1	
Evidence of Burrowing Animals	Damage to final cover, evidence of waste.	1	
Stormwater Drainage Channels	Gullies, erosion, debris, culvert blocked.	1	
Landfill Gas Venting System	Damaged or blocked vent risers, stressed vegetation.	1	
Access Road	Ponding, rutting, erosion.		
Cover Mowing and Tall Vegetation Removal (October Inspection Only)	Mowing and tall vegetation removal done to specified vegetation height, any missed areas	1	

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

Summary of Deficiencies and/or Corrective Actions: GMP-3 Lock should be replacedSignature of Inspector N. Carney Date Oct 31, 2015November 7 - Returned to site to install NR714 signs.

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	0.0	20.8	0.0	0.0	28.76
GMP-2	0.0	18.7	2.5	0.0	28.76
GMP-3	0.0	19.3	7.2	0.0	28.76

Instruments Used: GEM 2000, Mini PAE 3000

Operator: Neil Carney
Date: 10-29-2015

Weather Conditions:

Barometric Pressure (inches of Hg): 29.85 in Hg Temperature (Degrees F): 45°F

Relative Humidity (%): 68% Dewpoint (Degrees F): 37°F Wind: NW 7

Sky Conditions: 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)
GMP-1	0.0	20.8	0.0	0.0	29.88
GMP-2	0.0	18.9	2.0	0.0	29.88
GMP-3	0.0	14.7	6.4	0.0	29.88

Instruments Used: GEM-2000, T/N, PID

Operator: Neil Carney
Date: August 7, 2015

Weather Conditions:

Barometric Pressure (inches of Hg): 29.82 Temperature (Degrees F): 74°

Relative Humidity (%): 92% Dewpoint (Degrees F): 62° Wind: 14 mph SW

Sky Conditions: 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)
GMP-1	0.0	20.7	0.0	0.0	29.12
GMP-2	0.0	18.1	3.0	0.0	29.12
GMP-3	0.0	13.8	8.1	0.0	29.12

Instruments Used: GEM-2000, HN, PID

Operator: Neil Garmey
Date: June 19, 2015

Weather Conditions:

Barometric Pressure (inches of Hg): 30.01 mm Hg Temperature (Degrees F): 72°F

Relative Humidity (%): 67% Dewpoint (Degrees F): 46° Wind: 10 MPH NE

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) ¹⁴
GMP-1	0.0	14.0	4.4	0.0	28.67
GMP-2	0.0	17.6	1.6	0.0	28.67
GMP-3	0.0	11.7	5.1	0.0	28.67

Instruments Used: GEM-2000, MinirAE

Operator: Neil Carney
Date: 12-0-15

Weather Conditions:

Barometric Pressure (inches of Hg): 29.80 Temperature (Degrees F): 41°F

Relative Humidity (%): 84% Dewpoint (Degrees F): 36° Wind: 29.80 mph

Sky Conditions: P. Cloudy

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

Page 1 of 32

Project Phase:

Arrival Temperature: See COC

Contract #: 2377

Report Date: 05/11/2015

Project #: 19-0270.32

Date Received: 04/28/2015

Folder #: 110860

Reprint Date: 05/11/2015

Purchase Order #:

CT LAB Sample#: 578505 Sample Description: MW-3D

Sampled: 04/24/2015 1345

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

Dichlorodifluoromethane	<0.60	ug/L	0.60	2.0	1		05/05/2015	12:52	AGK	EPA 8260C
Tetrahydrofuran	4.8	ug/L	0.70	2.4	1		05/05/2015	12:52	AGK	EPA 8260C

CT LAB Sample#: 578507 Sample Description: MW-4D

Sampled: 04/24/2015 1500

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

Dichlorodifluoromethane	<0.60	ug/L	0.60	2.0	1		05/05/2015	13:21	AGK	EPA 8260C
Tetrahydrofuran	<0.70	ug/L	0.70	2.4	1		05/05/2015	13:21	AGK	EPA 8260C

CT LAB Sample#: 578508 Sample Description: MW-14S

Sampled: 04/24/2015 1545

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

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



CT LAB Sample#:	578508	Sample Description:	MW-14S	Sampled:	04/24/2015 1545
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			05/05/2015 13:50	AGK	EPA 8260C
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.84	1			05/05/2015 13:50	AGK	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	1			05/05/2015 13:50	AGK	EPA 8260C
1,1,2-Trichloroethane	<0.21	ug/L	0.21	0.70	1			05/05/2015 13:50	AGK	EPA 8260C
1,1-Dichloroethane	<0.50	ug/L	0.50	1.8	1			05/05/2015 13:50	AGK	EPA 8260C
1,1-Dichloroethene	<0.23	ug/L	0.23	0.78	1			05/05/2015 13:50	AGK	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.3	1			05/05/2015 13:50	AGK	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1			05/05/2015 13:50	AGK	EPA 8260C
1,2,3-Trichloropropane	<0.70	ug/L	0.70	2.3	1			05/05/2015 13:50	AGK	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.8	1			05/05/2015 13:50	AGK	EPA 8260C
1,2,4-Trimethylbenzene	<0.60	ug/L	0.60	1.9	1			05/05/2015 13:50	AGK	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1			05/05/2015 13:50	AGK	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	1			05/05/2015 13:50	AGK	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.8	1			05/05/2015 13:50	AGK	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.65	1			05/05/2015 13:50	AGK	EPA 8260C
1,2-Dichloropropane	<0.50	ug/L	0.50	1.7	1			05/05/2015 13:50	AGK	EPA 8260C
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 13:50	AGK	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 13:50	AGK	EPA 8260C
1,3-Dichloropropane	<0.40	ug/L	0.40	1.2	1			05/05/2015 13:50	AGK	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1			05/05/2015 13:50	AGK	EPA 8260C
2,2-Dichloropropane	<0.60	ug/L	0.60	1.9	1			05/05/2015 13:50	AGK	EPA 8260C
2-Butanone	<5.0	ug/L	5.0	18	1			05/05/2015 13:50	AGK	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.8	1			05/05/2015 13:50	AGK	EPA 8260C
2-Hexanone	<6.0	ug/L	6.0	20	1			05/05/2015 13:50	AGK	EPA 8260C
4-Chlorotoluene	<0.60	ug/L	0.60	1.9	1			05/05/2015 13:50	AGK	EPA 8260C

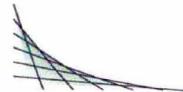
Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



CT LAB Sample#:	578508	Sample Description:	MW-14S	Sampled:	04/24/2015 1545
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
4-Methyl-2-pentanone	<5.0	ug/L	5.0	17	1			05/05/2015 13:50	AGK	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1			05/05/2015 13:50	AGK	EPA 8260C
Benzene	<0.25	ug/L	0.25	0.84	1			05/05/2015 13:50	AGK	EPA 8260C
Bromobenzene	<0.50	ug/L	0.50	1.7	1			05/05/2015 13:50	AGK	EPA 8260C
Bromoform	<0.40	ug/L	0.40	1.5	1			05/05/2015 13:50	AGK	EPA 8260C
Bromochloromethane	<0.50	ug/L	0.50	1.6	1			05/05/2015 13:50	AGK	EPA 8260C
Bromodichloromethane	<0.50	ug/L	0.50	1.6	1			05/05/2015 13:50	AGK	EPA 8260C
Bromoform	<0.50	ug/L	0.50	1.6	1			05/05/2015 13:50	AGK	EPA 8260C
Bromomethane	<1.0	ug/L	1.0	3.4	1			05/05/2015 13:50	AGK	EPA 8260C
Carbon disulfide	<0.40	ug/L	0.40	1.4	1			05/05/2015 13:50	AGK	EPA 8260C
Carbon tetrachloride	<0.40	ug/L	0.40	1.4	1			05/05/2015 13:50	AGK	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 13:50	AGK	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.7	1			05/05/2015 13:50	AGK	EPA 8260C
Chloroform	<0.27	ug/L	0.27	0.91	1			05/05/2015 13:50	AGK	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1			05/05/2015 13:50	AGK	EPA 8260C
cis-1,2-Dichloroethene	<0.21	ug/L	0.21	0.70	1			05/05/2015 13:50	AGK	EPA 8260C
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1			05/05/2015 13:50	AGK	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.5	1			05/05/2015 13:50	AGK	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	2.0	1			05/05/2015 13:50	AGK	EPA 8260C
Dichlorodifluoromethane	2.7	ug/L	0.60	2.0	1			05/05/2015 13:50	AGK	EPA 8260C
Diisopropyl ether	<0.60	ug/L	0.60	2.0	1			05/05/2015 13:50	AGK	EPA 8260C
Ethylbenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 13:50	AGK	EPA 8260C
Hexachlorobutadiene	<0.80	ug/L	0.80	2.8	1			05/05/2015 13:50	AGK	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.5	1			05/05/2015 13:50	AGK	EPA 8260C
m & p-Xylene	<1.0	ug/L	1.0	3.3	1			05/05/2015 13:50	AGK	EPA 8260C
Methyl tert-butyl ether	<0.20	ug/L	0.20	0.67	1			05/05/2015 13:50	AGK	EPA 8260C

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



CT LAB Sample#: 578508 Sample Description: MW-14S

Sampled: 04/24/2015 1545

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Methylene chloride	<0.50	ug/L	0.50	1.8	1		05/05/2015	13:50	AGK	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.4	1		05/05/2015	13:50	AGK	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.5	1		05/05/2015	13:50	AGK	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.5	1		05/05/2015	13:50	AGK	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.8	1		05/05/2015	13:50	AGK	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.6	1		05/05/2015	13:50	AGK	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.7	1		05/05/2015	13:50	AGK	EPA 8260C
Styrene	<0.40	ug/L	0.40	1.2	1		05/05/2015	13:50	AGK	EPA 8260C
tert-Butylbenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015	13:50	AGK	EPA 8260C
Tetrachloroethene	0.86	ug/L	0.24	0.81	1		05/05/2015	13:50	AGK	EPA 8260C
Tetrahydrofuran	<0.70	ug/L	0.70	2.4	1		05/05/2015	13:50	AGK	EPA 8260C
Toluene	<0.50	ug/L	0.50	1.6	1		05/05/2015	13:50	AGK	EPA 8260C
trans-1,2-Dichloroethene	<0.20	ug/L	0.20	0.68	1		05/05/2015	13:50	AGK	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.5	1		05/05/2015	13:50	AGK	EPA 8260C
Trichloroethene	<0.24	ug/L	0.24	0.79	1		05/05/2015	13:50	AGK	EPA 8260C
Trichlorofluoromethane	<0.30	ug/L	0.30	1.0	1		05/05/2015	13:50	AGK	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.60	1		05/05/2015	13:50	AGK	EPA 8260C

CT LAB Sample#: 578509 Sample Description: MW-14I

Sampled: 04/24/2015 1650

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1		05/05/2015	14:19	AGK	EPA 8260C
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.84	1		05/05/2015	14:19	AGK	EPA 8260C

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



CT LAB Sample#:	578509	Sample Description:	MW-14I	Sampled:	04/24/2015 1650
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	1		05/05/2015	14:19	AGK	EPA 8260C
1,1,2-Trichloroethane	<0.21	ug/L	0.21	0.70	1		05/05/2015	14:19	AGK	EPA 8260C
1,1-Dichloroethane	<0.50	ug/L	0.50	1.8	1		05/05/2015	14:19	AGK	EPA 8260C
1,1-Dichloroethene	<0.23	ug/L	0.23	0.78	1		05/05/2015	14:19	AGK	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.3	1		05/05/2015	14:19	AGK	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1		05/05/2015	14:19	AGK	EPA 8260C
1,2,3-Trichloropropane	<0.70	ug/L	0.70	2.3	1		05/05/2015	14:19	AGK	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/05/2015	14:19	AGK	EPA 8260C
1,2,4-Trimethylbenzene	<0.60	ug/L	0.60	1.9	1		05/05/2015	14:19	AGK	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1		05/05/2015	14:19	AGK	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	1		05/05/2015	14:19	AGK	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.8	1		05/05/2015	14:19	AGK	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.65	1		05/05/2015	14:19	AGK	EPA 8260C
1,2-Dichloropropane	<0.50	ug/L	0.50	1.7	1		05/05/2015	14:19	AGK	EPA 8260C
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015	14:19	AGK	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015	14:19	AGK	EPA 8260C
1,3-Dichloropropane	<0.40	ug/L	0.40	1.2	1		05/05/2015	14:19	AGK	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/05/2015	14:19	AGK	EPA 8260C
2,2-Dichloropropane	<0.60	ug/L	0.60	1.9	1		05/05/2015	14:19	AGK	EPA 8260C
2-Butanone	<5.0	ug/L	5.0	18	1		05/05/2015	14:19	AGK	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.8	1		05/05/2015	14:19	AGK	EPA 8260C
2-Hexanone	<6.0	ug/L	6.0	20	1		05/05/2015	14:19	AGK	EPA 8260C
4-Chlorotoluene	<0.60	ug/L	0.60	1.9	1		05/05/2015	14:19	AGK	EPA 8260C
4-Methyl-2-pentanone	<5.0	ug/L	5.0	17	1		05/05/2015	14:19	AGK	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1		05/05/2015	14:19	AGK	EPA 8260C

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



CT LAB Sample#:	578509	Sample Description:	MW-14I	Sampled:	04/24/2015 1650
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Benzene	<0.25	ug/L	0.25	0.84	1			05/05/2015 14:19	AGK	EPA 8260C
Bromobenzene	<0.50	ug/L	0.50	1.7	1			05/05/2015 14:19	AGK	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1			05/05/2015 14:19	AGK	EPA 8260C
Bromodichloromethane	<0.50	ug/L	0.50	1.6	1			05/05/2015 14:19	AGK	EPA 8260C
Bromoform	<0.50	ug/L	0.50	1.6	1			05/05/2015 14:19	AGK	EPA 8260C
Bromomethane	<1.0	ug/L	1.0	3.4	1			05/05/2015 14:19	AGK	EPA 8260C
Carbon disulfide	<0.40	ug/L	0.40	1.4	1			05/05/2015 14:19	AGK	EPA 8260C
Carbon tetrachloride	<0.40	ug/L	0.40	1.4	1			05/05/2015 14:19	AGK	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 14:19	AGK	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.7	1			05/05/2015 14:19	AGK	EPA 8260C
Chloroform	<0.27	ug/L	0.27	0.91	1			05/05/2015 14:19	AGK	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1			05/05/2015 14:19	AGK	EPA 8260C
cis-1,2-Dichloroethene	0.21	ug/L	0.21 *	0.70	1			05/05/2015 14:19	AGK	EPA 8260C
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1			05/05/2015 14:19	AGK	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.5	1			05/05/2015 14:19	AGK	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	2.0	1			05/05/2015 14:19	AGK	EPA 8260C
Dichlorodifluoromethane	4.4	ug/L	0.60	2.0	1			05/05/2015 14:19	AGK	EPA 8260C
Diisopropyl ether	<0.60	ug/L	0.60	2.0	1			05/05/2015 14:19	AGK	EPA 8260C
Ethylbenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 14:19	AGK	EPA 8260C
Hexachlorobutadiene	<0.80	ug/L	0.80	2.8	1			05/05/2015 14:19	AGK	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.5	1			05/05/2015 14:19	AGK	EPA 8260C
m & p-Xylene	<1.0	ug/L	1.0	3.3	1			05/05/2015 14:19	AGK	EPA 8260C
Methyl tert-butyl ether	<0.20	ug/L	0.20	0.67	1			05/05/2015 14:19	AGK	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.8	1			05/05/2015 14:19	AGK	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.4	1			05/05/2015 14:19	AGK	EPA 8260C

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



CT LAB Sample#: 578509	Sample Description: MW-14I	Sampled: 04/24/2015 1650
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
n-Propylbenzene	<0.40	ug/L	0.40	1.5	1			05/05/2015 14:19	AGK	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.5	1			05/05/2015 14:19	AGK	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.8	1			05/05/2015 14:19	AGK	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.6	1			05/05/2015 14:19	AGK	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.7	1			05/05/2015 14:19	AGK	EPA 8260C
Styrene	<0.40	ug/L	0.40	1.2	1			05/05/2015 14:19	AGK	EPA 8260C
tert-Butylbenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 14:19	AGK	EPA 8260C
Tetrachloroethene	<0.24	ug/L	0.24	0.81	1			05/05/2015 14:19	AGK	EPA 8260C
Tetrahydrofuran	<0.70	ug/L	0.70	2.4	1			05/05/2015 14:19	AGK	EPA 8260C
Toluene	<0.50	ug/L	0.50	1.6	1			05/05/2015 14:19	AGK	EPA 8260C
trans-1,2-Dichloroethene	<0.20	ug/L	0.20	0.68	1			05/05/2015 14:19	AGK	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.5	1			05/05/2015 14:19	AGK	EPA 8260C
Trichloroethene	0.24	ug/L	0.24 *	0.79	1			05/05/2015 14:19	AGK	EPA 8260C
Trichlorofluoromethane	<0.30	ug/L	0.30	1.0	1			05/05/2015 14:19	AGK	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.60	1			05/05/2015 14:19	AGK	EPA 8260C

CT LAB Sample#: 578510	Sample Description: MW-9S	Sampled: 04/24/2015 1715
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			05/05/2015 14:48	AGK	EPA 8260C
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.84	1			05/05/2015 14:48	AGK	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	1			05/05/2015 14:48	AGK	EPA 8260C
1,1,2-Trichloroethane	<0.21	ug/L	0.21	0.70	1			05/05/2015 14:48	AGK	EPA 8260C

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



CT LAB Sample#:	578510	Sample Description:	MW-9S							Sampled:	04/24/2015 1715
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1-Dichloroethane	<0.50	ug/L	0.50	1.8	1			05/05/2015 14:48	AGK	EPA 8260C
1,1-Dichloroethene	<0.23	ug/L	0.23	0.78	1			05/05/2015 14:48	AGK	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.3	1			05/05/2015 14:48	AGK	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1			05/05/2015 14:48	AGK	EPA 8260C
1,2,3-Trichloropropane	<0.70	ug/L	0.70	2.3	1			05/05/2015 14:48	AGK	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.8	1			05/05/2015 14:48	AGK	EPA 8260C
1,2,4-Trimethylbenzene	<0.60	ug/L	0.60	1.9	1			05/05/2015 14:48	AGK	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1			05/05/2015 14:48	AGK	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	1			05/05/2015 14:48	AGK	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.8	1			05/05/2015 14:48	AGK	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.65	1			05/05/2015 14:48	AGK	EPA 8260C
1,2-Dichloropropane	<0.50	ug/L	0.50	1.7	1			05/05/2015 14:48	AGK	EPA 8260C
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 14:48	AGK	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 14:48	AGK	EPA 8260C
1,3-Dichloropropane	<0.40	ug/L	0.40	1.2	1			05/05/2015 14:48	AGK	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1			05/05/2015 14:48	AGK	EPA 8260C
2,2-Dichloropropane	<0.60	ug/L	0.60	1.9	1			05/05/2015 14:48	AGK	EPA 8260C
2-Butanone	<5.0	ug/L	5.0	18	1			05/05/2015 14:48	AGK	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.8	1			05/05/2015 14:48	AGK	EPA 8260C
2-Hexanone	<6.0	ug/L	6.0	20	1			05/05/2015 14:48	AGK	EPA 8260C
4-Chlorotoluene	<0.60	ug/L	0.60	1.9	1			05/05/2015 14:48	AGK	EPA 8260C
4-Methyl-2-pentanone	<5.0	ug/L	5.0	17	1			05/05/2015 14:48	AGK	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1			05/05/2015 14:48	AGK	EPA 8260C
Benzene	<0.25	ug/L	0.25	0.84	1			05/05/2015 14:48	AGK	EPA 8260C
Bromobenzene	<0.50	ug/L	0.50	1.7	1			05/05/2015 14:48	AGK	EPA 8260C

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



Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Bromochloromethane	<0.40	ug/L	0.40	1.5	1		05/05/2015	14:48	AGK	EPA 8260C
Bromodichloromethane	<0.50	ug/L	0.50	1.6	1		05/05/2015	14:48	AGK	EPA 8260C
Bromoform	<0.50	ug/L	0.50	1.6	1		05/05/2015	14:48	AGK	EPA 8260C
Bromomethane	<1.0	ug/L	1.0	3.4	1		05/05/2015	14:48	AGK	EPA 8260C
Carbon disulfide	<0.40	ug/L	0.40	1.4	1		05/05/2015	14:48	AGK	EPA 8260C
Carbon tetrachloride	<0.40	ug/L	0.40	1.4	1		05/05/2015	14:48	AGK	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015	14:48	AGK	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.7	1		05/05/2015	14:48	AGK	EPA 8260C
Chloroform	<0.27	ug/L	0.27	0.91	1		05/05/2015	14:48	AGK	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1		05/05/2015	14:48	AGK	EPA 8260C
cis-1,2-Dichloroethene	0.30	ug/L	0.21 *	0.70	1		05/05/2015	14:48	AGK	EPA 8260C
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1		05/05/2015	14:48	AGK	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.5	1		05/05/2015	14:48	AGK	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	2.0	1		05/05/2015	14:48	AGK	EPA 8260C
Dichlorodifluoromethane	22	ug/L	0.60	2.0	1		05/05/2015	14:48	AGK	EPA 8260C
Diisopropyl ether	<0.60	ug/L	0.60	2.0	1		05/05/2015	14:48	AGK	EPA 8260C
Ethylbenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015	14:48	AGK	EPA 8260C
Hexachlorobutadiene	<0.80	ug/L	0.80	2.8	1		05/05/2015	14:48	AGK	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.5	1		05/05/2015	14:48	AGK	EPA 8260C
m & p-Xylene	<1.0	ug/L	1.0	3.3	1		05/05/2015	14:48	AGK	EPA 8260C
Methyl tert-butyl ether	<0.20	ug/L	0.20	0.67	1		05/05/2015	14:48	AGK	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.8	1		05/05/2015	14:48	AGK	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.4	1		05/05/2015	14:48	AGK	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.5	1		05/05/2015	14:48	AGK	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.5	1		05/05/2015	14:48	AGK	EPA 8260C

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



CT LAB Sample#: 578510	Sample Description: MW-9S	Sampled: 04/24/2015 1715
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
o-Xylene	<0.50	ug/L	0.50	1.8	1			05/05/2015 14:48	AGK	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.6	1			05/05/2015 14:48	AGK	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.7	1			05/05/2015 14:48	AGK	EPA 8260C
Styrene	<0.40	ug/L	0.40	1.2	1			05/05/2015 14:48	AGK	EPA 8260C
tert-Butylbenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 14:48	AGK	EPA 8260C
Tetrachloroethene	<0.24	ug/L	0.24	0.81	1			05/05/2015 14:48	AGK	EPA 8260C
Tetrahydrofuran	<0.70	ug/L	0.70	2.4	1			05/05/2015 14:48	AGK	EPA 8260C
Toluene	<0.50	ug/L	0.50	1.6	1			05/05/2015 14:48	AGK	EPA 8260C
trans-1,2-Dichloroethene	<0.20	ug/L	0.20	0.68	1			05/05/2015 14:48	AGK	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.5	1			05/05/2015 14:48	AGK	EPA 8260C
Trichloroethene	<0.24	ug/L	0.24	0.79	1			05/05/2015 14:48	AGK	EPA 8260C
Trichlorofluoromethane	0.60	ug/L	0.30 *	1.0	1			05/05/2015 14:48	AGK	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.60	1			05/05/2015 14:48	AGK	EPA 8260C

CT LAB Sample#: 578511	Sample Description: MW-9I	Sampled: 04/24/2015 1735
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			05/05/2015 15:17	AGK	EPA 8260C
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.84	1			05/05/2015 15:17	AGK	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	1			05/05/2015 15:17	AGK	EPA 8260C
1,1,2-Trichloroethane	<0.21	ug/L	0.21	0.70	1			05/05/2015 15:17	AGK	EPA 8260C
1,1-Dichloroethane	<0.50	ug/L	0.50	1.8	1			05/05/2015 15:17	AGK	EPA 8260C
1,1-Dichloroethene	<0.23	ug/L	0.23	0.78	1			05/05/2015 15:17	AGK	EPA 8260C

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



CT LAB Sample#:	578511	Sample Description:	MW-91	Sampled:	04/24/2015 1735
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1-Dichloropropene	<0.40	ug/L	0.40	1.3	1			05/05/2015 15:17	AGK	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1			05/05/2015 15:17	AGK	EPA 8260C
1,2,3-Trichloropropane	<0.70	ug/L	0.70	2.3	1			05/05/2015 15:17	AGK	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.8	1			05/05/2015 15:17	AGK	EPA 8260C
1,2,4-Trimethylbenzene	<0.60	ug/L	0.60	1.9	1			05/05/2015 15:17	AGK	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1			05/05/2015 15:17	AGK	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	1			05/05/2015 15:17	AGK	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.8	1			05/05/2015 15:17	AGK	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.65	1			05/05/2015 15:17	AGK	EPA 8260C
1,2-Dichloropropane	<0.50	ug/L	0.50	1.7	1			05/05/2015 15:17	AGK	EPA 8260C
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 15:17	AGK	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 15:17	AGK	EPA 8260C
1,3-Dichloropropane	<0.40	ug/L	0.40	1.2	1			05/05/2015 15:17	AGK	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1			05/05/2015 15:17	AGK	EPA 8260C
2,2-Dichloropropane	<0.60	ug/L	0.60	1.9	1			05/05/2015 15:17	AGK	EPA 8260C
2-Butanone	<5.0	ug/L	5.0	18	1			05/05/2015 15:17	AGK	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.8	1			05/05/2015 15:17	AGK	EPA 8260C
2-Hexanone	<6.0	ug/L	6.0	20	1			05/05/2015 15:17	AGK	EPA 8260C
4-Chlorotoluene	<0.60	ug/L	0.60	1.9	1			05/05/2015 15:17	AGK	EPA 8260C
4-Methyl-2-pentanone	<5.0	ug/L	5.0	17	1			05/05/2015 15:17	AGK	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1			05/05/2015 15:17	AGK	EPA 8260C
Benzene	<0.25	ug/L	0.25	0.84	1			05/05/2015 15:17	AGK	EPA 8260C
Bromobenzene	<0.50	ug/L	0.50	1.7	1			05/05/2015 15:17	AGK	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1			05/05/2015 15:17	AGK	EPA 8260C
Bromodichloromethane	<0.50	ug/L	0.50	1.6	1			05/05/2015 15:17	AGK	EPA 8260C

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



Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Bromoform	<0.50	ug/L	0.50	1.6	1			05/05/2015 15:17	AGK	EPA 8260C
Bromomethane	<1.0	ug/L	1.0	3.4	1			05/05/2015 15:17	AGK	EPA 8260C
Carbon disulfide	<0.40	ug/L	0.40	1.4	1			05/05/2015 15:17	AGK	EPA 8260C
Carbon tetrachloride	<0.40	ug/L	0.40	1.4	1			05/05/2015 15:17	AGK	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 15:17	AGK	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.7	1			05/05/2015 15:17	AGK	EPA 8260C
Chloroform	<0.27	ug/L	0.27	0.91	1			05/05/2015 15:17	AGK	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1			05/05/2015 15:17	AGK	EPA 8260C
cis-1,2-Dichloroethene	0.66	ug/L	0.21 *	0.70	1			05/05/2015 15:17	AGK	EPA 8260C
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1			05/05/2015 15:17	AGK	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.5	1			05/05/2015 15:17	AGK	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	2.0	1			05/05/2015 15:17	AGK	EPA 8260C
Dichlorodifluoromethane	21	ug/L	0.60	2.0	1			05/05/2015 15:17	AGK	EPA 8260C
Diisopropyl ether	<0.60	ug/L	0.60	2.0	1			05/05/2015 15:17	AGK	EPA 8260C
Ethylbenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 15:17	AGK	EPA 8260C
Hexachlorobutadiene	<0.80	ug/L	0.80	2.8	1			05/05/2015 15:17	AGK	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.5	1			05/05/2015 15:17	AGK	EPA 8260C
m & p-Xylene	<1.0	ug/L	1.0	3.3	1			05/05/2015 15:17	AGK	EPA 8260C
Methyl tert-butyl ether	<0.20	ug/L	0.20	0.67	1			05/05/2015 15:17	AGK	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.8	1			05/05/2015 15:17	AGK	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.4	1			05/05/2015 15:17	AGK	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.5	1			05/05/2015 15:17	AGK	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.5	1			05/05/2015 15:17	AGK	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.8	1			05/05/2015 15:17	AGK	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.6	1			05/05/2015 15:17	AGK	EPA 8260C

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



CT LAB Sample#:	578511	Sample Description:	MW-91	Sampled:	04/24/2015 1735
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
sec-Butylbenzene	<0.50	ug/L	0.50	1.7	1			05/05/2015	15:17	AGK	EPA 8260C
Styrene	<0.40	ug/L	0.40	1.2	1			05/05/2015	15:17	AGK	EPA 8260C
tert-Butylbenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015	15:17	AGK	EPA 8260C
Tetrachloroethene	0.26	ug/L	0.24 *	0.81	1			05/05/2015	15:17	AGK	EPA 8260C
Tetrahydrofuran	<0.70	ug/L	0.70	2.4	1			05/05/2015	15:17	AGK	EPA 8260C
Toluene	<0.50	ug/L	0.50	1.6	1			05/05/2015	15:17	AGK	EPA 8260C
trans-1,2-Dichloroethene	<0.20	ug/L	0.20	0.68	1			05/05/2015	15:17	AGK	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.5	1			05/05/2015	15:17	AGK	EPA 8260C
Trichloroethene	0.84	ug/L	0.24	0.79	1			05/05/2015	15:17	AGK	EPA 8260C
Trichlorofluoromethane	0.40	ug/L	0.30 *	1.0	1			05/05/2015	15:17	AGK	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.60	1			05/05/2015	15:17	AGK	EPA 8260C

CT LAB Sample#:	578512	Sample Description:	MW-9B	Sampled:	04/24/2015 1900
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Organic Results											
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			05/05/2015	15:46	AGK	EPA 8260C
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.84	1			05/05/2015	15:46	AGK	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	1			05/05/2015	15:46	AGK	EPA 8260C
1,1,2-Trichloroethane	<0.21	ug/L	0.21	0.70	1			05/05/2015	15:46	AGK	EPA 8260C
1,1-Dichloroethane	<0.50	ug/L	0.50	1.8	1			05/05/2015	15:46	AGK	EPA 8260C
1,1-Dichloroethene	<0.23	ug/L	0.23	0.78	1			05/05/2015	15:46	AGK	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.3	1			05/05/2015	15:46	AGK	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1			05/05/2015	15:46	AGK	EPA 8260C

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



CT LAB Sample#:	578512	Sample Description:	MW-9B	Sampled:	04/24/2015 1900
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2,3-Trichloropropane	<0.70	ug/L	0.70	2.3	1		05/05/2015	15:46	AGK	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/05/2015	15:46	AGK	EPA 8260C
1,2,4-Trimethylbenzene	<0.60	ug/L	0.60	1.9	1		05/05/2015	15:46	AGK	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1		05/05/2015	15:46	AGK	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	1		05/05/2015	15:46	AGK	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.8	1		05/05/2015	15:46	AGK	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.65	1		05/05/2015	15:46	AGK	EPA 8260C
1,2-Dichloropropane	<0.50	ug/L	0.50	1.7	1		05/05/2015	15:46	AGK	EPA 8260C
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015	15:46	AGK	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015	15:46	AGK	EPA 8260C
1,3-Dichloropropane	<0.40	ug/L	0.40	1.2	1		05/05/2015	15:46	AGK	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/05/2015	15:46	AGK	EPA 8260C
2,2-Dichloropropane	<0.60	ug/L	0.60	1.9	1		05/05/2015	15:46	AGK	EPA 8260C
2-Butanone	<5.0	ug/L	5.0	18	1		05/05/2015	15:46	AGK	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.8	1		05/05/2015	15:46	AGK	EPA 8260C
2-Hexanone	<6.0	ug/L	6.0	20	1		05/05/2015	15:46	AGK	EPA 8260C
4-Chlorotoluene	<0.60	ug/L	0.60	1.9	1		05/05/2015	15:46	AGK	EPA 8260C
4-Methyl-2-pentanone	<5.0	ug/L	5.0	17	1		05/05/2015	15:46	AGK	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1		05/05/2015	15:46	AGK	EPA 8260C
Benzene	<0.25	ug/L	0.25	0.84	1		05/05/2015	15:46	AGK	EPA 8260C
Bromobenzene	<0.50	ug/L	0.50	1.7	1		05/05/2015	15:46	AGK	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1		05/05/2015	15:46	AGK	EPA 8260C
Bromodichloromethane	<0.50	ug/L	0.50	1.6	1		05/05/2015	15:46	AGK	EPA 8260C
Bromoform	<0.50	ug/L	0.50	1.6	1		05/05/2015	15:46	AGK	EPA 8260C
Bromomethane	<1.0	ug/L	1.0	3.4	1		05/05/2015	15:46	AGK	EPA 8260C

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



CT LAB Sample#:	578512	Sample Description:	MW-9B	Sampled:	04/24/2015 1900
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Carbon disulfide	<0.40	ug/L	0.40	1.4	1			05/05/2015 15:46	AGK	EPA 8260C
Carbon tetrachloride	<0.40	ug/L	0.40	1.4	1			05/05/2015 15:46	AGK	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 15:46	AGK	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.7	1			05/05/2015 15:46	AGK	EPA 8260C
Chloroform	<0.27	ug/L	0.27	0.91	1			05/05/2015 15:46	AGK	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1			05/05/2015 15:46	AGK	EPA 8260C
cis-1,2-Dichloroethene	0.26	ug/L	0.21 *	0.70	1			05/05/2015 15:46	AGK	EPA 8260C
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1			05/05/2015 15:46	AGK	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.5	1			05/05/2015 15:46	AGK	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	2.0	1			05/05/2015 15:46	AGK	EPA 8260C
Dichlorodifluoromethane	3.0	ug/L	0.60	2.0	1			05/05/2015 15:46	AGK	EPA 8260C
Diisopropyl ether	<0.60	ug/L	0.60	2.0	1			05/05/2015 15:46	AGK	EPA 8260C
Ethylbenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 15:46	AGK	EPA 8260C
Hexachlorobutadiene	<0.80	ug/L	0.80	2.8	1			05/05/2015 15:46	AGK	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.5	1			05/05/2015 15:46	AGK	EPA 8260C
m & p-Xylene	<1.0	ug/L	1.0	3.3	1			05/05/2015 15:46	AGK	EPA 8260C
Methyl tert-butyl ether	<0.20	ug/L	0.20	0.67	1			05/05/2015 15:46	AGK	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.8	1			05/05/2015 15:46	AGK	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.4	1			05/05/2015 15:46	AGK	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.5	1			05/05/2015 15:46	AGK	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.5	1			05/05/2015 15:46	AGK	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.8	1			05/05/2015 15:46	AGK	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.6	1			05/05/2015 15:46	AGK	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.7	1			05/05/2015 15:46	AGK	EPA 8260C
Styrene	<0.40	ug/L	0.40	1.2	1			05/05/2015 15:46	AGK	EPA 8260C

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



CT LAB Sample#: 578512 Sample Description: MW-9B

Sampled: 04/24/2015 1900

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
tert-Butylbenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 15:46	AGK	EPA 8260C
Tetrachloroethene	<0.24	ug/L	0.24	0.81	1			05/05/2015 15:46	AGK	EPA 8260C
Tetrahydrofuran	<0.70	ug/L	0.70	2.4	1			05/05/2015 15:46	AGK	EPA 8260C
Toluene	<0.50	ug/L	0.50	1.6	1			05/05/2015 15:46	AGK	EPA 8260C
trans-1,2-Dichloroethene	<0.20	ug/L	0.20	0.68	1			05/05/2015 15:46	AGK	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.5	1			05/05/2015 15:46	AGK	EPA 8260C
Trichloroethene	<0.24	ug/L	0.24	0.79	1			05/05/2015 15:46	AGK	EPA 8260C
Trichlorofluoromethane	2.5	ug/L	0.30	1.0	1			05/05/2015 15:46	AGK	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.60	1			05/05/2015 15:46	AGK	EPA 8260C

CT LAB Sample#: 578513 Sample Description: MW-7I

Sampled: 04/26/2015 1000

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Dichlorodifluoromethane	<0.60	ug/L	0.60	2.0	1			05/05/2015 16:15	AGK	EPA 8260C
Tetrahydrofuran	5.6	ug/L	0.70	2.4	1			05/05/2015 16:15	AGK	EPA 8260C

CT LAB Sample#: 578514 Sample Description: MW-7I DUP

Sampled: 04/26/2015 1000

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Dichlorodifluoromethane	<0.60	ug/L	0.60	2.0	1			05/05/2015 16:44	AGK	EPA 8260C
Tetrahydrofuran	6.3	ug/L	0.70	2.4	1			05/05/2015 16:44	AGK	EPA 8260C

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



CT LAB Sample#:	578516	Sample Description:	MW-10S	Sampled:	04/26/2015 1230
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1		05/05/2015	17:13	AGK	EPA 8260C
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.84	1		05/05/2015	17:13	AGK	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	1		05/05/2015	17:13	AGK	EPA 8260C
1,1,2-Trichloroethane	<0.21	ug/L	0.21	0.70	1		05/05/2015	17:13	AGK	EPA 8260C
1,1-Dichloroethane	<0.50	ug/L	0.50	1.8	1		05/05/2015	17:13	AGK	EPA 8260C
1,1-Dichloroethene	<0.23	ug/L	0.23	0.78	1		05/05/2015	17:13	AGK	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.3	1		05/05/2015	17:13	AGK	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1		05/05/2015	17:13	AGK	EPA 8260C
1,2,3-Trichloropropane	<0.70	ug/L	0.70	2.3	1		05/05/2015	17:13	AGK	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/05/2015	17:13	AGK	EPA 8260C
1,2,4-Trimethylbenzene	<0.60	ug/L	0.60	1.9	1		05/05/2015	17:13	AGK	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1		05/05/2015	17:13	AGK	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	1		05/05/2015	17:13	AGK	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.8	1		05/05/2015	17:13	AGK	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.65	1		05/05/2015	17:13	AGK	EPA 8260C
1,2-Dichloropropane	<0.50	ug/L	0.50	1.7	1		05/05/2015	17:13	AGK	EPA 8260C
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015	17:13	AGK	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015	17:13	AGK	EPA 8260C
1,3-Dichloropropane	<0.40	ug/L	0.40	1.2	1		05/05/2015	17:13	AGK	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/05/2015	17:13	AGK	EPA 8260C
2,2-Dichloropropane	<0.60	ug/L	0.60	1.9	1		05/05/2015	17:13	AGK	EPA 8260C
2-Butanone	<5.0	ug/L	5.0	18	1		05/05/2015	17:13	AGK	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.8	1		05/05/2015	17:13	AGK	EPA 8260C
2-Hexanone	<6.0	ug/L	6.0	20	1		05/05/2015	17:13	AGK	EPA 8260C

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



Analyst	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		05/05/2015 17:13	AGK	EPA 8260C	
4-Methyl-2-pentanone	<5.0	ug/L	5.0	17	1		05/05/2015 17:13	AGK	EPA 8260C	
Acetone	<7.0	ug/L	7.0	23	1		05/05/2015 17:13	AGK	EPA 8260C	
Benzene	<0.25	ug/L	0.25	0.84	1		05/05/2015 17:13	AGK	EPA 8260C	
Bromobenzene	<0.50	ug/L	0.50	1.7	1		05/05/2015 17:13	AGK	EPA 8260C	
Bromochloromethane	<0.40	ug/L	0.40	1.5	1		05/05/2015 17:13	AGK	EPA 8260C	
Bromodichloromethane	<0.50	ug/L	0.50	1.6	1		05/05/2015 17:13	AGK	EPA 8260C	
Bromoform	<0.50	ug/L	0.50	1.6	1		05/05/2015 17:13	AGK	EPA 8260C	
Bromomethane	<1.0	ug/L	1.0	3.4	1		05/05/2015 17:13	AGK	EPA 8260C	
Carbon disulfide	<0.40	ug/L	0.40	1.4	1		05/05/2015 17:13	AGK	EPA 8260C	
Carbon tetrachloride	<0.40	ug/L	0.40	1.4	1		05/05/2015 17:13	AGK	EPA 8260C	
Chlorobenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015 17:13	AGK	EPA 8260C	
Chloroethane	<0.80	ug/L	0.80	2.7	1		05/05/2015 17:13	AGK	EPA 8260C	
Chloroform	<0.27	ug/L	0.27	0.91	1		05/05/2015 17:13	AGK	EPA 8260C	
Chloromethane	<0.60	ug/L	0.60	2.1	1		05/05/2015 17:13	AGK	EPA 8260C	
cis-1,2-Dichloroethene	<0.21	ug/L	0.21	0.70	1		05/05/2015 17:13	AGK	EPA 8260C	
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1		05/05/2015 17:13	AGK	EPA 8260C	
Dibromochloromethane	<0.40	ug/L	0.40	1.5	1		05/05/2015 17:13	AGK	EPA 8260C	
Dibromomethane	<0.60	ug/L	0.60	2.0	1		05/05/2015 17:13	AGK	EPA 8260C	
Dichlorodifluoromethane	<0.60	ug/L	0.60	2.0	1		05/05/2015 17:13	AGK	EPA 8260C	
Diisopropyl ether	<0.60	ug/L	0.60	2.0	1		05/05/2015 17:13	AGK	EPA 8260C	
Ethylbenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015 17:13	AGK	EPA 8260C	
Hexachlorobutadiene	<0.80	ug/L	0.80	2.8	1		05/05/2015 17:13	AGK	EPA 8260C	
Isopropylbenzene	<0.40	ug/L	0.40	1.5	1		05/05/2015 17:13	AGK	EPA 8260C	
m & p-Xylene	<1.0	ug/L	1.0	3.3	1		05/05/2015 17:13	AGK	EPA 8260C	

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



CT LAB Sample#:	578516	Sample Description:	MW-10S	Sampled:	04/26/2015 1230
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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			05/05/2015 17:13	AGK	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.8	1			05/05/2015 17:13	AGK	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.4	1			05/05/2015 17:13	AGK	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.5	1			05/05/2015 17:13	AGK	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.5	1			05/05/2015 17:13	AGK	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.8	1			05/05/2015 17:13	AGK	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.6	1			05/05/2015 17:13	AGK	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.7	1			05/05/2015 17:13	AGK	EPA 8260C
Styrene	<0.40	ug/L	0.40	1.2	1			05/05/2015 17:13	AGK	EPA 8260C
tert-Butylbenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 17:13	AGK	EPA 8260C
Tetrachloroethene	0.48	ug/L	0.24 *	0.81	1			05/05/2015 17:13	AGK	EPA 8260C
Tetrahydrofuran	<0.70	ug/L	0.70	2.4	1			05/05/2015 17:13	AGK	EPA 8260C
Toluene	<0.50	ug/L	0.50	1.6	1			05/05/2015 17:13	AGK	EPA 8260C
trans-1,2-Dichloroethene	<0.20	ug/L	0.20	0.68	1			05/05/2015 17:13	AGK	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.5	1			05/05/2015 17:13	AGK	EPA 8260C
Trichloroethene	<0.24	ug/L	0.24	0.79	1			05/05/2015 17:13	AGK	EPA 8260C
Trichlorofluoromethane	<0.30	ug/L	0.30	1.0	1			05/05/2015 17:13	AGK	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.60	1			05/05/2015 17:13	AGK	EPA 8260C

CT LAB Sample#:	578517	Sample Description:	MW-10I	Sampled:	04/26/2015 1245
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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			05/05/2015 17:42	AGK	EPA 8260C
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Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



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		05/05/2015 17:42	AGK	EPA 8260C	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	1		05/05/2015 17:42	AGK	EPA 8260C	
1,1,2-Trichloroethane	<0.21	ug/L	0.21	0.70	1		05/05/2015 17:42	AGK	EPA 8260C	
1,1-Dichloroethane	<0.50	ug/L	0.50	1.8	1		05/05/2015 17:42	AGK	EPA 8260C	
1,1-Dichloroethene	<0.23	ug/L	0.23	0.78	1		05/05/2015 17:42	AGK	EPA 8260C	
1,1-Dichloropropene	<0.40	ug/L	0.40	1.3	1		05/05/2015 17:42	AGK	EPA 8260C	
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1		05/05/2015 17:42	AGK	EPA 8260C	
1,2,3-Trichloropropane	<0.70	ug/L	0.70	2.3	1		05/05/2015 17:42	AGK	EPA 8260C	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/05/2015 17:42	AGK	EPA 8260C	
1,2,4-Trimethylbenzene	<0.60	ug/L	0.60	1.9	1		05/05/2015 17:42	AGK	EPA 8260C	
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1		05/05/2015 17:42	AGK	EPA 8260C	
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	1		05/05/2015 17:42	AGK	EPA 8260C	
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.8	1		05/05/2015 17:42	AGK	EPA 8260C	
1,2-Dichloroethane	<0.20	ug/L	0.20	0.65	1		05/05/2015 17:42	AGK	EPA 8260C	
1,2-Dichloropropane	<0.50	ug/L	0.50	1.7	1		05/05/2015 17:42	AGK	EPA 8260C	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015 17:42	AGK	EPA 8260C	
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015 17:42	AGK	EPA 8260C	
1,3-Dichloropropane	<0.40	ug/L	0.40	1.2	1		05/05/2015 17:42	AGK	EPA 8260C	
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/05/2015 17:42	AGK	EPA 8260C	
2,2-Dichloropropane	<0.60	ug/L	0.60	1.9	1		05/05/2015 17:42	AGK	EPA 8260C	
2-Butanone	<5.0	ug/L	5.0	18	1		05/05/2015 17:42	AGK	EPA 8260C	
2-Chlorotoluene	<0.60	ug/L	0.60	1.8	1		05/05/2015 17:42	AGK	EPA 8260C	
2-Hexanone	<6.0	ug/L	6.0	20	1		05/05/2015 17:42	AGK	EPA 8260C	
4-Chlorotoluene	<0.60	ug/L	0.60	1.9	1		05/05/2015 17:42	AGK	EPA 8260C	
4-Methyl-2-pentanone	<5.0	ug/L	5.0	17	1		05/05/2015 17:42	AGK	EPA 8260C	

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



Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Acetone	<7.0	ug/L	7.0	23	1		05/05/2015	17:42	AGK	EPA 8260C
Benzene	<0.25	ug/L	0.25	0.84	1		05/05/2015	17:42	AGK	EPA 8260C
Bromobenzene	<0.50	ug/L	0.50	1.7	1		05/05/2015	17:42	AGK	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1		05/05/2015	17:42	AGK	EPA 8260C
Bromodichloromethane	<0.50	ug/L	0.50	1.6	1		05/05/2015	17:42	AGK	EPA 8260C
Bromoform	<0.50	ug/L	0.50	1.6	1		05/05/2015	17:42	AGK	EPA 8260C
Bromomethane	<1.0	ug/L	1.0	3.4	1		05/05/2015	17:42	AGK	EPA 8260C
Carbon disulfide	<0.40	ug/L	0.40	1.4	1		05/05/2015	17:42	AGK	EPA 8260C
Carbon tetrachloride	<0.40	ug/L	0.40	1.4	1		05/05/2015	17:42	AGK	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015	17:42	AGK	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.7	1		05/05/2015	17:42	AGK	EPA 8260C
Chloroform	<0.27	ug/L	0.27	0.91	1		05/05/2015	17:42	AGK	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1		05/05/2015	17:42	AGK	EPA 8260C
cis-1,2-Dichloroethene	0.23	ug/L	0.21 *	0.70	1		05/05/2015	17:42	AGK	EPA 8260C
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1		05/05/2015	17:42	AGK	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.5	1		05/05/2015	17:42	AGK	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	2.0	1		05/05/2015	17:42	AGK	EPA 8260C
Dichlorodifluoromethane	12	ug/L	0.60	2.0	1		05/05/2015	17:42	AGK	EPA 8260C
Diisopropyl ether	<0.60	ug/L	0.60	2.0	1		05/05/2015	17:42	AGK	EPA 8260C
Ethylbenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015	17:42	AGK	EPA 8260C
Hexachlorobutadiene	<0.80	ug/L	0.80	2.8	1		05/05/2015	17:42	AGK	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.5	1		05/05/2015	17:42	AGK	EPA 8260C
m & p-Xylene	<1.0	ug/L	1.0	3.3	1		05/05/2015	17:42	AGK	EPA 8260C
Methyl tert-butyl ether	<0.20	ug/L	0.20	0.67	1		05/05/2015	17:42	AGK	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.8	1		05/05/2015	17:42	AGK	EPA 8260C

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



CT LAB Sample#:	578517	Sample Description:	MW-10I	Sampled:	04/26/2015 1245
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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			05/05/2015 17:42	AGK	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.5	1			05/05/2015 17:42	AGK	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.5	1			05/05/2015 17:42	AGK	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.8	1			05/05/2015 17:42	AGK	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.6	1			05/05/2015 17:42	AGK	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.7	1			05/05/2015 17:42	AGK	EPA 8260C
Styrene	<0.40	ug/L	0.40	1.2	1			05/05/2015 17:42	AGK	EPA 8260C
tert-Butylbenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 17:42	AGK	EPA 8260C
Tetrachloroethene	2.5	ug/L	0.24	0.81	1			05/05/2015 17:42	AGK	EPA 8260C
Tetrahydrofuran	<0.70	ug/L	0.70	2.4	1			05/05/2015 17:42	AGK	EPA 8260C
Toluene	<0.50	ug/L	0.50	1.6	1			05/05/2015 17:42	AGK	EPA 8260C
trans-1,2-Dichloroethene	<0.20	ug/L	0.20	0.68	1			05/05/2015 17:42	AGK	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.5	1			05/05/2015 17:42	AGK	EPA 8260C
Trichloroethene	0.38	ug/L	0.24 *	0.79	1			05/05/2015 17:42	AGK	EPA 8260C
Trichlorofluoromethane	<0.30	ug/L	0.30	1.0	1			05/05/2015 17:42	AGK	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.60	1			05/05/2015 17:42	AGK	EPA 8260C

CT LAB Sample#:	578518	Sample Description:	MW-10I DUP	Sampled:	04/26/2015 1245
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			05/05/2015 18:11	AGK	EPA 8260C
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.84	1			05/05/2015 18:11	AGK	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	1			05/05/2015 18:11	AGK	EPA 8260C

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



CT LAB Sample#: 578518 Sample Description: MW-10I DUP Sampled: 04/26/2015 1245

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			05/05/2015 18:11	AGK	EPA 8260C
1,1-Dichloroethane	<0.50	ug/L	0.50	1.8	1			05/05/2015 18:11	AGK	EPA 8260C
1,1-Dichloroethene	<0.23	ug/L	0.23	0.78	1			05/05/2015 18:11	AGK	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.3	1			05/05/2015 18:11	AGK	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1			05/05/2015 18:11	AGK	EPA 8260C
1,2,3-Trichloropropane	<0.70	ug/L	0.70	2.3	1			05/05/2015 18:11	AGK	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.8	1			05/05/2015 18:11	AGK	EPA 8260C
1,2,4-Trimethylbenzene	<0.60	ug/L	0.60	1.9	1			05/05/2015 18:11	AGK	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1			05/05/2015 18:11	AGK	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	1			05/05/2015 18:11	AGK	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.8	1			05/05/2015 18:11	AGK	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.65	1			05/05/2015 18:11	AGK	EPA 8260C
1,2-Dichloropropane	<0.50	ug/L	0.50	1.7	1			05/05/2015 18:11	AGK	EPA 8260C
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 18:11	AGK	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 18:11	AGK	EPA 8260C
1,3-Dichloropropane	<0.40	ug/L	0.40	1.2	1			05/05/2015 18:11	AGK	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1			05/05/2015 18:11	AGK	EPA 8260C
2,2-Dichloropropane	<0.60	ug/L	0.60	1.9	1			05/05/2015 18:11	AGK	EPA 8260C
2-Butanone	<5.0	ug/L	5.0	18	1			05/05/2015 18:11	AGK	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.8	1			05/05/2015 18:11	AGK	EPA 8260C
2-Hexanone	<6.0	ug/L	6.0	20	1			05/05/2015 18:11	AGK	EPA 8260C
4-Chlorotoluene	<0.60	ug/L	0.60	1.9	1			05/05/2015 18:11	AGK	EPA 8260C
4-Methyl-2-pentanone	<5.0	ug/L	5.0	17	1			05/05/2015 18:11	AGK	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1			05/05/2015 18:11	AGK	EPA 8260C
Benzene	<0.25	ug/L	0.25	0.84	1			05/05/2015 18:11	AGK	EPA 8260C

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



CT LAB Sample#:	578518	Sample Description:	MW-10I DUP	Sampled:	04/26/2015 1245
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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			05/05/2015 18:11	AGK	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1			05/05/2015 18:11	AGK	EPA 8260C
Bromodichloromethane	<0.50	ug/L	0.50	1.6	1			05/05/2015 18:11	AGK	EPA 8260C
Bromoform	<0.50	ug/L	0.50	1.6	1			05/05/2015 18:11	AGK	EPA 8260C
Bromomethane	<1.0	ug/L	1.0	3.4	1			05/05/2015 18:11	AGK	EPA 8260C
Carbon disulfide	<0.40	ug/L	0.40	1.4	1			05/05/2015 18:11	AGK	EPA 8260C
Carbon tetrachloride	<0.40	ug/L	0.40	1.4	1			05/05/2015 18:11	AGK	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 18:11	AGK	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.7	1			05/05/2015 18:11	AGK	EPA 8260C
Chloroform	<0.27	ug/L	0.27	0.91	1			05/05/2015 18:11	AGK	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1			05/05/2015 18:11	AGK	EPA 8260C
cis-1,2-Dichloroethene	0.23	ug/L	0.21 *	0.70	1			05/05/2015 18:11	AGK	EPA 8260C
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1			05/05/2015 18:11	AGK	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.5	1			05/05/2015 18:11	AGK	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	2.0	1			05/05/2015 18:11	AGK	EPA 8260C
Dichlorodifluoromethane	12	ug/L	0.60	2.0	1			05/05/2015 18:11	AGK	EPA 8260C
Diisopropyl ether	<0.60	ug/L	0.60	2.0	1			05/05/2015 18:11	AGK	EPA 8260C
Ethylbenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 18:11	AGK	EPA 8260C
Hexachlorobutadiene	<0.80	ug/L	0.80	2.8	1			05/05/2015 18:11	AGK	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.5	1			05/05/2015 18:11	AGK	EPA 8260C
m & p-Xylene	<1.0	ug/L	1.0	3.3	1			05/05/2015 18:11	AGK	EPA 8260C
Methyl tert-butyl ether	<0.20	ug/L	0.20	0.67	1			05/05/2015 18:11	AGK	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.8	1			05/05/2015 18:11	AGK	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.4	1			05/05/2015 18:11	AGK	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.5	1			05/05/2015 18:11	AGK	EPA 8260C

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



CT LAB Sample#: 578518 Sample Description: MW-10I DUP

Sampled: 04/26/2015 1245

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			05/05/2015 18:11	AGK	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.8	1			05/05/2015 18:11	AGK	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.6	1			05/05/2015 18:11	AGK	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.7	1			05/05/2015 18:11	AGK	EPA 8260C
Styrene	<0.40	ug/L	0.40	1.2	1			05/05/2015 18:11	AGK	EPA 8260C
tert-Butylbenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 18:11	AGK	EPA 8260C
Tetrachloroethene	2.7	ug/L	0.24	0.81	1			05/05/2015 18:11	AGK	EPA 8260C
Tetrahydrofuran	<0.70	ug/L	0.70	2.4	1			05/05/2015 18:11	AGK	EPA 8260C
Toluene	<0.50	ug/L	0.50	1.6	1			05/05/2015 18:11	AGK	EPA 8260C
trans-1,2-Dichloroethene	<0.20	ug/L	0.20	0.68	1			05/05/2015 18:11	AGK	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.5	1			05/05/2015 18:11	AGK	EPA 8260C
Trichloroethene	0.33	ug/L	0.24 *	0.79	1			05/05/2015 18:11	AGK	EPA 8260C
Trichlorofluoromethane	<0.30	ug/L	0.30	1.0	1			05/05/2015 18:11	AGK	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.60	1			05/05/2015 18:11	AGK	EPA 8260C

CT LAB Sample#: 578519 Sample Description: MW-13I

Sampled: 04/26/2015 1315

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Dichlorodifluoromethane	<0.60	ug/L	0.60	2.0	1			05/05/2015 18:39	AGK	EPA 8260C
Tetrahydrofuran	<0.70	ug/L	0.70	2.4	1			05/05/2015 18:39	AGK	EPA 8260C

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



CT LAB Sample#:	578520	Sample Description:	MW-5D	Sampled:	04/26/2015 1515
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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

Dichlorodifluoromethane	1.3	ug/L	0.60 *	2.0	1		05/05/2015	19:07	AGK	EPA 8260C
Tetrahydrofuran	<0.70	ug/L	0.70	2.4	1		05/05/2015	19:07	AGK	EPA 8260C

CT LAB Sample#:	578521	Sample Description:	FIELD BLANK	Sampled:	04/26/2015 1000
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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		05/05/2015	12:23	AGK	EPA 8260C
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.84	1		05/05/2015	12:23	AGK	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	1		05/05/2015	12:23	AGK	EPA 8260C
1,1,2-Trichloroethane	<0.21	ug/L	0.21	0.70	1		05/05/2015	12:23	AGK	EPA 8260C
1,1-Dichloroethane	<0.50	ug/L	0.50	1.8	1		05/05/2015	12:23	AGK	EPA 8260C
1,1-Dichloroethene	<0.23	ug/L	0.23	0.78	1		05/05/2015	12:23	AGK	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.3	1		05/05/2015	12:23	AGK	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1		05/05/2015	12:23	AGK	EPA 8260C
1,2,3-Trichloropropane	<0.70	ug/L	0.70	2.3	1		05/05/2015	12:23	AGK	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/05/2015	12:23	AGK	EPA 8260C
1,2,4-Trimethylbenzene	<0.60	ug/L	0.60	1.9	1		05/05/2015	12:23	AGK	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1		05/05/2015	12:23	AGK	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	1		05/05/2015	12:23	AGK	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.8	1		05/05/2015	12:23	AGK	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.65	1		05/05/2015	12:23	AGK	EPA 8260C
1,2-Dichloropropane	<0.50	ug/L	0.50	1.7	1		05/05/2015	12:23	AGK	EPA 8260C

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



CT LAB Sample#:	578521	Sample Description:	FIELD BLANK	Sampled:	04/26/2015 1000
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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		05/05/2015	12:23	AGK	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015	12:23	AGK	EPA 8260C
1,3-Dichloropropane	<0.40	ug/L	0.40	1.2	1		05/05/2015	12:23	AGK	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/05/2015	12:23	AGK	EPA 8260C
2,2-Dichloropropane	<0.60	ug/L	0.60	1.9	1		05/05/2015	12:23	AGK	EPA 8260C
2-Butanone	<5.0	ug/L	5.0	18	1		05/05/2015	12:23	AGK	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.8	1		05/05/2015	12:23	AGK	EPA 8260C
2-Hexanone	<6.0	ug/L	6.0	20	1		05/05/2015	12:23	AGK	EPA 8260C
4-Chlorotoluene	<0.60	ug/L	0.60	1.9	1		05/05/2015	12:23	AGK	EPA 8260C
4-Methyl-2-pentanone	<5.0	ug/L	5.0	17	1		05/05/2015	12:23	AGK	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1		05/05/2015	12:23	AGK	EPA 8260C
Benzene	<0.25	ug/L	0.25	0.84	1		05/05/2015	12:23	AGK	EPA 8260C
Bromobenzene	<0.50	ug/L	0.50	1.7	1		05/05/2015	12:23	AGK	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1		05/05/2015	12:23	AGK	EPA 8260C
Bromodichloromethane	<0.50	ug/L	0.50	1.6	1		05/05/2015	12:23	AGK	EPA 8260C
Bromoform	<0.50	ug/L	0.50	1.6	1		05/05/2015	12:23	AGK	EPA 8260C
Bromomethane	<1.0	ug/L	1.0	3.4	1		05/05/2015	12:23	AGK	EPA 8260C
Carbon disulfide	<0.40	ug/L	0.40	1.4	1		05/05/2015	12:23	AGK	EPA 8260C
Carbon tetrachloride	<0.40	ug/L	0.40	1.4	1		05/05/2015	12:23	AGK	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015	12:23	AGK	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.7	1		05/05/2015	12:23	AGK	EPA 8260C
Chloroform	<0.27	ug/L	0.27	0.91	1		05/05/2015	12:23	AGK	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1		05/05/2015	12:23	AGK	EPA 8260C
cis-1,2-Dichloroethene	<0.21	ug/L	0.21	0.70	1		05/05/2015	12:23	AGK	EPA 8260C
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1		05/05/2015	12:23	AGK	EPA 8260C

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



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		05/05/2015	12:23	AGK	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	2.0	1		05/05/2015	12:23	AGK	EPA 8260C
Dichlorodifluoromethane	<0.60	ug/L	0.60	2.0	1		05/05/2015	12:23	AGK	EPA 8260C
Diisopropyl ether	<0.60	ug/L	0.60	2.0	1		05/05/2015	12:23	AGK	EPA 8260C
Ethylbenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015	12:23	AGK	EPA 8260C
Hexachlorobutadiene	<0.80	ug/L	0.80	2.8	1		05/05/2015	12:23	AGK	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.5	1		05/05/2015	12:23	AGK	EPA 8260C
m & p-Xylene	<1.0	ug/L	1.0	3.3	1		05/05/2015	12:23	AGK	EPA 8260C
Methyl tert-butyl ether	<0.20	ug/L	0.20	0.67	1		05/05/2015	12:23	AGK	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.8	1		05/05/2015	12:23	AGK	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.4	1		05/05/2015	12:23	AGK	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.5	1		05/05/2015	12:23	AGK	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.5	1		05/05/2015	12:23	AGK	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.8	1		05/05/2015	12:23	AGK	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.6	1		05/05/2015	12:23	AGK	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.7	1		05/05/2015	12:23	AGK	EPA 8260C
Styrene	<0.40	ug/L	0.40	1.2	1		05/05/2015	12:23	AGK	EPA 8260C
tert-Butylbenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015	12:23	AGK	EPA 8260C
Tetrachloroethene	<0.24	ug/L	0.24	0.81	1		05/05/2015	12:23	AGK	EPA 8260C
Tetrahydrofuran	<0.70	ug/L	0.70	2.4	1		05/05/2015	12:23	AGK	EPA 8260C
Toluene	<0.50	ug/L	0.50	1.6	1		05/05/2015	12:23	AGK	EPA 8260C
trans-1,2-Dichloroethene	<0.20	ug/L	0.20	0.68	1		05/05/2015	12:23	AGK	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.5	1		05/05/2015	12:23	AGK	EPA 8260C
Trichloroethene	<0.24	ug/L	0.24	0.79	1		05/05/2015	12:23	AGK	EPA 8260C
Trichlorofluoromethane	<0.30	ug/L	0.30	1.0	1		05/05/2015	12:23	AGK	EPA 8260C

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



CT LAB Sample#: 578521	Sample Description: FIELD BLANK	Sampled: 04/26/2015 1000
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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		05/05/2015	12:23	AGK	EPA 8260C

CT LAB Sample#: 578522	Sample Description: TRIP BLANK	Sampled: 04/26/2015
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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		05/05/2015	11:24	AGK	EPA 8260C
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.84	1		05/05/2015	11:24	AGK	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	1		05/05/2015	11:24	AGK	EPA 8260C
1,1,2-Trichloroethane	<0.21	ug/L	0.21	0.70	1		05/05/2015	11:24	AGK	EPA 8260C
1,1-Dichloroethane	<0.50	ug/L	0.50	1.8	1		05/05/2015	11:24	AGK	EPA 8260C
1,1-Dichloroethene	<0.23	ug/L	0.23	0.78	1		05/05/2015	11:24	AGK	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.3	1		05/05/2015	11:24	AGK	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1		05/05/2015	11:24	AGK	EPA 8260C
1,2,3-Trichloropropane	<0.70	ug/L	0.70	2.3	1		05/05/2015	11:24	AGK	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/05/2015	11:24	AGK	EPA 8260C
1,2,4-Trimethylbenzene	<0.60	ug/L	0.60	1.9	1		05/05/2015	11:24	AGK	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1		05/05/2015	11:24	AGK	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	1		05/05/2015	11:24	AGK	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.8	1		05/05/2015	11:24	AGK	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.65	1		05/05/2015	11:24	AGK	EPA 8260C
1,2-Dichloropropane	<0.50	ug/L	0.50	1.7	1		05/05/2015	11:24	AGK	EPA 8260C
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015	11:24	AGK	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015	11:24	AGK	EPA 8260C

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



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			05/05/2015 11:24	AGK	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1			05/05/2015 11:24	AGK	EPA 8260C
2,2-Dichloropropane	<0.60	ug/L	0.60	1.9	1			05/05/2015 11:24	AGK	EPA 8260C
2-Butanone	<5.0	ug/L	5.0	18	1			05/05/2015 11:24	AGK	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.8	1			05/05/2015 11:24	AGK	EPA 8260C
2-Hexanone	<6.0	ug/L	6.0	20	1			05/05/2015 11:24	AGK	EPA 8260C
4-Chlorotoluene	<0.60	ug/L	0.60	1.9	1			05/05/2015 11:24	AGK	EPA 8260C
4-Methyl-2-pentanone	<5.0	ug/L	5.0	17	1			05/05/2015 11:24	AGK	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1			05/05/2015 11:24	AGK	EPA 8260C
Benzene	<0.25	ug/L	0.25	0.84	1			05/05/2015 11:24	AGK	EPA 8260C
Bromobenzene	<0.50	ug/L	0.50	1.7	1			05/05/2015 11:24	AGK	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1			05/05/2015 11:24	AGK	EPA 8260C
Bromodichloromethane	<0.50	ug/L	0.50	1.6	1			05/05/2015 11:24	AGK	EPA 8260C
Bromoform	<0.50	ug/L	0.50	1.6	1			05/05/2015 11:24	AGK	EPA 8260C
Bromomethane	<1.0	ug/L	1.0	3.4	1			05/05/2015 11:24	AGK	EPA 8260C
Carbon disulfide	<0.40	ug/L	0.40	1.4	1			05/05/2015 11:24	AGK	EPA 8260C
Carbon tetrachloride	<0.40	ug/L	0.40	1.4	1			05/05/2015 11:24	AGK	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 11:24	AGK	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.7	1			05/05/2015 11:24	AGK	EPA 8260C
Chloroform	<0.27	ug/L	0.27	0.91	1			05/05/2015 11:24	AGK	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1			05/05/2015 11:24	AGK	EPA 8260C
cis-1,2-Dichloroethylene	<0.21	ug/L	0.21	0.70	1			05/05/2015 11:24	AGK	EPA 8260C
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1			05/05/2015 11:24	AGK	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.5	1			05/05/2015 11:24	AGK	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	2.0	1			05/05/2015 11:24	AGK	EPA 8260C

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



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		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
Diisopropyl ether	<0.60	ug/L	0.60	2.0	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
Ethylbenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
Hexachlorobutadiene	<0.80	ug/L	0.80	2.8	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.5	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
m & p-Xylene	<1.0	ug/L	1.0	3.3	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
Methyl tert-butyl ether	<0.20	ug/L	0.20	0.67	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.8	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.4	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.5	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.5	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.8	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.6	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.7	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
Styrene	<0.40	ug/L	0.40	1.2	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
tert-Butylbenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
Tetrachloroethene	<0.24	ug/L	0.24	0.81	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
Tetrahydrofuran	<0.70	ug/L	0.70	2.4	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
Toluene	<0.50	ug/L	0.50	1.6	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
trans-1,2-Dichloroethene	<0.20	ug/L	0.20	0.68	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.5	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
Trichloroethene	<0.24	ug/L	0.24	0.79	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
Trichlorofluoromethane	<0.30	ug/L	0.30	1.0	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.60	1		05/05/2015 11:24	05/05/2015 11:24	AGK	EPA 8260C

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



AYRES ASSOCIATES
Project Name: STOUGHTON LF
Project #: 19-0270.32
Project Phase:

Contract #: 2377
Folder #: 110860
Page 32 of 32

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

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

Current CT Laboratories Certifications

Florida NELAP ID# E871111
Kansas NELAP ID# E-10368
Kentucky ID# 0023
ISO/IEC 17025-2005 A2LA Cert # 3806.01
New Jersey NELAP ID# WI001
North Carolina ID# 674
Wisconsin (WDNR) Chemistry ID# 157066030
Wisconsin (DATCP) Bacteriology ID# 105-289
DoD-ELAP L-A-B Cert # L2392
GA EPD Stipulation ID E871111, Expires Annually
Louisiana ID # 115843
Virginia ID# 7608
Illinois NELAP ID # 002413
Wisconsin (WOSB) ID# WI-5499-WBE
Maryland ID# 344



ANALYTICAL REPORT

AYRES ASSOCIATES

NEIL CARNEY

1802 PANKRATZ ST

MADISON, WI 53704-4069

Project Name: STOUGHTON LF

Page 1 of 5

Project Phase:

Arrival Temperature: See COC

Contract #: 2377

Report Date: 05/11/2015

Project #: 19-0270.32

Date Received: 04/29/2015

Folder #: 110889

Reprint Date: 05/11/2015

Purchase Order #:

CT LAB Sample#: 579418 Sample Description: MW-81

Sampled: 04/26/2015 1145

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

Dichlorodifluoromethane	<0.60	ug/L	0.60	2.0	1		05/05/2015	19:35	AGK	EPA 8260C
Tetrahydrofuran	<0.70	ug/L	0.70	2.4	1		05/05/2015	19:35	AGK	EPA 8260C

CT LAB Sample#: 579419 Sample Description: TRIP BLANK

Sampled: 04/28/2015

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		05/05/2015	11:53	AGK	EPA 8260C
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.84	1		05/05/2015	11:53	AGK	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	1		05/05/2015	11:53	AGK	EPA 8260C
1,1,2-Trichloroethane	<0.21	ug/L	0.21	0.70	1		05/05/2015	11:53	AGK	EPA 8260C
1,1-Dichloroethane	<0.50	ug/L	0.50	1.8	1		05/05/2015	11:53	AGK	EPA 8260C
1,1-Dichloroethene	<0.23	ug/L	0.23	0.78	1		05/05/2015	11:53	AGK	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.3	1		05/05/2015	11:53	AGK	EPA 8260C

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



Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1		05/05/2015	11:53	AGK	EPA 8260C
1,2,3-Trichloropropane	<0.70	ug/L	0.70	2.3	1		05/05/2015	11:53	AGK	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/05/2015	11:53	AGK	EPA 8260C
1,2,4-Trimethylbenzene	<0.60	ug/L	0.60	1.9	1		05/05/2015	11:53	AGK	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1		05/05/2015	11:53	AGK	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	1		05/05/2015	11:53	AGK	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.8	1		05/05/2015	11:53	AGK	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.65	1		05/05/2015	11:53	AGK	EPA 8260C
1,2-Dichloropropane	<0.50	ug/L	0.50	1.7	1		05/05/2015	11:53	AGK	EPA 8260C
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015	11:53	AGK	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015	11:53	AGK	EPA 8260C
1,3-Dichloropropane	<0.40	ug/L	0.40	1.2	1		05/05/2015	11:53	AGK	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1		05/05/2015	11:53	AGK	EPA 8260C
2,2-Dichloropropane	<0.60	ug/L	0.60	1.9	1		05/05/2015	11:53	AGK	EPA 8260C
2-Butanone	<5.0	ug/L	5.0	18	1		05/05/2015	11:53	AGK	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.8	1		05/05/2015	11:53	AGK	EPA 8260C
2-Hexanone	<6.0	ug/L	6.0	20	1		05/05/2015	11:53	AGK	EPA 8260C
4-Chlorotoluene	<0.60	ug/L	0.60	1.9	1		05/05/2015	11:53	AGK	EPA 8260C
4-Methyl-2-pentanone	<5.0	ug/L	5.0	17	1		05/05/2015	11:53	AGK	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1		05/05/2015	11:53	AGK	EPA 8260C
Benzene	<0.25	ug/L	0.25	0.84	1		05/05/2015	11:53	AGK	EPA 8260C
Bromobenzene	<0.50	ug/L	0.50	1.7	1		05/05/2015	11:53	AGK	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1		05/05/2015	11:53	AGK	EPA 8260C
Bromodichloromethane	<0.50	ug/L	0.50	1.6	1		05/05/2015	11:53	AGK	EPA 8260C
Bromoform	<0.50	ug/L	0.50	1.6	1		05/05/2015	11:53	AGK	EPA 8260C

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



CT LAB Sample#: 579419 Sample Description: TRIP BLANK								Sampled: 04/28/2015		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Bromomethane	<1.0	ug/L	1.0	3.4	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
Carbon disulfide	<0.40	ug/L	0.40	1.4	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
Carbon tetrachloride	<0.40	ug/L	0.40	1.4	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.7	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
Chloroform	<0.27	ug/L	0.27	0.91	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
cis-1,2-Dichloroethene	<0.21	ug/L	0.21	0.70	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.5	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	2.0	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
Dichlorodifluoromethane	<0.60	ug/L	0.60	2.0	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
Diisopropyl ether	<0.60	ug/L	0.60	2.0	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
Ethylbenzene	<0.50	ug/L	0.50	1.6	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
Hexachlorobutadiene	<0.80	ug/L	0.80	2.8	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.5	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
m & p-Xylene	<1.0	ug/L	1.0	3.3	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
Methyl tert-butyl ether	<0.20	ug/L	0.20	0.67	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.8	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.4	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.5	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.5	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.8	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.6	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.7	1		05/05/2015 11:53	05/05/2015 11:53	AGK	EPA 8260C

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



CT LAB Sample#: 579419 Sample Description: TRIP BLANK										Sampled: 04/28/2015	
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Styrene	<0.40	ug/L	0.40	1.2	1			05/05/2015 11:53	AGK	EPA 8260C	
tert-Butylbenzene	<0.50	ug/L	0.50	1.6	1			05/05/2015 11:53	AGK	EPA 8260C	
Tetrachloroethene	<0.24	ug/L	0.24	0.81	1			05/05/2015 11:53	AGK	EPA 8260C	
Tetrahydrofuran	<0.70	ug/L	0.70	2.4	1			05/05/2015 11:53	AGK	EPA 8260C	
Toluene	<0.50	ug/L	0.50	1.6	1			05/05/2015 11:53	AGK	EPA 8260C	
trans-1,2-Dichloroethene	<0.20	ug/L	0.20	0.68	1			05/05/2015 11:53	AGK	EPA 8260C	
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.5	1			05/05/2015 11:53	AGK	EPA 8260C	
Trichloroethene	<0.24	ug/L	0.24	0.79	1			05/05/2015 11:53	AGK	EPA 8260C	
Trichlorofluoromethane	<0.30	ug/L	0.30	1.0	1			05/05/2015 11:53	AGK	EPA 8260C	
Vinyl chloride	<0.18	ug/L	0.18	0.60	1			05/05/2015 11:53	AGK	EPA 8260C	



AYRES ASSOCIATES
Project Name: STOUGHTON LF
Project #: 19-0270.32
Project Phase:

Contract #: 2377
Folder #: 110889
Page 5 of 5

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

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

Current CT Laboratories Certifications

Florida NELAP ID# E871111
Kansas NELAP ID# E-10368
Kentucky ID# 0023
ISO/IEC 17025-2005 A2LA Cert # 3806.01
New Jersey NELAP ID# WI001
North Carolina ID# 674
Wisconsin (WDNR) Chemistry ID# 157066030
Wisconsin (DATCP) Bacteriology ID# 105-289
DoD-ELAP L-A-B Cert # L2392
GA EPD Stipulation ID E871111, Expires Annually
Louisiana ID # 115843
Virginia ID# 7608
Illinois NELAP ID # 002413
Wisconsin (WOSB) ID# WI-5499-WBE
Maryland ID# 344

CHAIN OF CUSTODY RECORD

PROJECT NO. 19-0210-32	PROJECT NAME/CLIENT Stoughton City Landfill			NO. OF CONTAINERS	Field Filtered: <input checked="" type="checkbox"/> N <input type="checkbox"/> N											
SAMPLERS: (Signature) <i>Neil Carney</i>					VOLG	THF + DDFM	A, B, C	D	E	F	G	H	I	J	L	
SAMPLE NO.	DATE	TIME	OM/RA	SAMPLE LOCATION/ DESCRIPTION		3	X									
4-24-15	1345			MW-3D												578505
4-24-15	1500			MW-4D			X									578507
4-24-15	1545			MW-14S			X									578508
4-24-15	1650			MW-14I			X									578509
4-24-15	1715			MW-9S			X									578510
4-24-15	1735			MW-9I			X									578511
4-24-15	1900			MW-9B			X									578512
4-26-15	1000			MW-7I			X									578513
4-26-15	1000			MW-7I DUP			X									578514
4-26-15	1145			MW-8I			X									
4-26-15	1230			MW-10S			X									578516
4-26-15	1245			MW-10I			X									578517
4-26-15	1245			MW-10I DUP			X									578518
4-26-15	1315			MW-13I			X									578519
4-26-15	1315			MW-13I DUP												
4-26-15	1515			MW-5D			X									578520
4-26-15	1000			Fill Blank			X									578521
4-26-15	-			Trip Blank		1	X									578522

Ayres Project Contact: *Neil Carney*

Ayres Project Manager:

Invoice To:

RELINQUISHED BY: (Signature) <i>Neil Carney</i>	DATE / TIME 4-27-15 9:45	RECEIVED BY: (Signature) <i>TKR</i>	RELINQUISHED BY: (Signature)	DATE / TIME 4-28-15 11:20	RECEIVED BY: (Signature) <i>TKR</i>
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Ayres Associates Inc.
Engineers/Architects/Scientists/Photogrammetrists
5201 E. Terrace Drive, Suite 200
Madison, WI 53718
(608)443-1200 Fax (608)443-1250

Shipped on ice: yes no
 Received on ice: yes no
 Temp. if not received on ice: 1.3° IR GUNS
 COOLER #: 5167

COMMENTS:

REC
02

15119

CHAIN OF CUSTODY RECORD

PROJECT NO. 19-0270-32		PROJECT NAME/CLIENT Stoughton City LF			NO. OF CONTAINERS	Field Filtered: <i>THF + DCFM Only</i>										REMARKS			
SAMPLERS: (Signature) <i>Neil Carney</i>																			
SAMPLE NO.	DATE	TIME	OM/RA	SAMPLE LOCATION/ DESCRIPTION		X													
	4-26-15	1145		MW-8I	3	X										579418			
	4-28-15	—		Trip Blank	1	X										579419			
Folder #: 110889 Company: AYRES ASSOCIATES Project: STOUGHTON LF Logged By: TKR PM: ET																			
Ayres Project Contact: <i>Neil Carney</i>					Ayres Project Manager:														
Invoice To: <i>Neil Carney</i>																			
RELINQUISHED BY: (Signature) <i>Neil Carney</i>		DATE / TIME 4-28-2015		RECEIVED BY: (Signature) <i>JL</i>		RELINQUISHED BY: (Signature)		DATE / TIME 4/29/15 1054		RECEIVED BY: (Signature) <i>JL</i>		COMMENTS: <i>1122</i>							
Ayres Associates Inc Engineers/Architects/Scientists/Photogrammetrists 6201 E. Terrace Drive, Suite 200 Madison, WI 53718 (608)443-1200 Fax (608)443-1250																			
Shipped on ice: <input checked="" type="checkbox"/> yes <input type="checkbox"/> no Received on ice: <input checked="" type="checkbox"/> yes <input type="checkbox"/> no Temp. if not received on ice: <i>1.3⁶</i> <i>12QUN</i> <i>Cooler #5576 8</i>																			

AYRES
ASSOCIATES

Ayres Associates Inc
 Engineers/Architects/Scientists/Photogrammetrists
 6201 E. Terrace Drive, Suite 200
 Madison, WI 53718
 (608)443-1200 Fax (608)443-1250

Preventive Action Limit (PAL) Exceedances

Stoughton Cty (00133)

WELL : 125 MW-9I

DATE	PARAMETER	DESCRIPTION	RESULT	PAL	LOD	UNIT
04/24/2015	39180	TRICHLOROETHYLENE	.84	.5	.24	UG/L

WELL : 128 MW-10I

DATE	PARAMETER	DESCRIPTION	RESULT	PAL	LOD	UNIT
04/26/2015	34475	TETRACHLOROETHYLENE	2.7	.5	.24	UG/L

WELL : 133 MW-14S

DATE	PARAMETER	DESCRIPTION	RESULT	PAL	LOD	UNIT
04/24/2015	34475	TETRACHLOROETHYLENE	.86	.5	.24	UG/L

Summary of Detected Volatile Compounds
Stoughton Cty (00133)

Date : 05/15/15

Field Blank

Compound	04/24/2015, 04/26/2015	12/08/2014	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 : 05/15/15

MW-10I

Compound	04/24/2015, 04/26/2015	12/08/2014	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	0.23		0.4	0.54		0.45		
DI-ISOPROPYL ETHER				0.026				
DICHLORODIFLUOROMETHANE	12		35	54		42		
FLUOROTRICHLOROMETHANE			0.53	0.92		0.66		
METHYLENE CHLORIDE				0.11				
TETRACHLOROETHYLENE	2.7		3.6	5		2.8		
TETRAHYDROFURAN				2.3				
TRICHLOROETHYLENE	0.38		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 : 05/15/15

MW-10S

Compound	04/24/2015, 04/26/2015	12/08/2014	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	0.48		0.41	0.065				

Summary of Detected Volatile Compounds
Stoughton Cty (00133)

Date : 05/15/15

MW-13I

Compound	04/24/2015, 04/26/2015	12/08/2014	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 : 05/15/15

MW-14I

Compound	04/24/2015, 04/26/2015	12/08/2014	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	0.21			0.2		0.34		
DI-ISOPROPYL ETHER				0.038				
DICHLORODIFLUOROMETHANE	4.4		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	0.24		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 : 05/15/15

MW-14S

Compound	04/24/2015, 04/26/2015	12/08/2014	04/25/2014, 04/27/2014	04/26/2013	04/26/2012	04/28/2011		
ACETONE				1.1				
DICHLORODIFLUOROMETHANE	2.7		6.7	2.5	7.8	11		
NAPHTHALENE				0.046				
TETRACHLOROETHYLENE	0.86		0.88	1.2	1.7	2.5		
TRICHLOROETHYLENE				0.092				

Summary of Detected Volatile Compounds
Stoughton Cty (00133)

Date : 05/15/15

MW-3D

Compound	04/24/2015, 04/26/2015	12/08/2014	04/25/2014, 04/27/2014	04/26/2013	04/26/2012	04/28/2011		
TETRAHYDROFURAN	4.8		5.3	17	3.7	3.2		

Summary of Detected Volatile Compounds
Stoughton Cty (00133)

Date : 05/15/15

MW-4D

Compound	04/24/2015, 04/26/2015	12/08/2014	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 : 05/15/15

MW-5D

Compound	04/24/2015, 04/26/2015	12/08/2014	04/25/2014, 04/27/2014	04/26/2013	04/26/2012	04/28/2011		
DICHLORODIFLUOROMETHANE	1.3		2.7	3.6	2.8	1.3		
TETRAHYDROFURAN				1.1				

Summary of Detected Volatile Compounds
Stoughton Cty (00133)

Date : 05/15/15

MW-7I

Compound	04/24/2015, 04/26/2015	12/08/2014	04/25/2014, 04/27/2014	04/26/2013	04/26/2012	04/28/2011		
DICHLORODIFLUOROMETHANE				0.026				
TETRAHYDROFURAN	6.3		9	18	4.1			

Summary of Detected Volatile Compounds
Stoughton Cty (00133)

Date : 05/15/15

MW-9B

Compound	04/24/2015, 04/26/2015	12/08/2014	04/25/2014, 04/27/2014	04/26/2013	04/26/2012	04/28/2011		
CIS-1,2-DICHLOROETHYLENE	0.26		0.27		0.43			
DICHLORODIFLUOROMETHANE	3		4.2		7.2	7.2		
FLUOROTRICHLOROMETHANE	2.5		2.5		5.2	4		

Summary of Detected Volatile Compounds
Stoughton Cty (00133)

Date : 05/15/15

MW-9I

Compound	04/24/2015, 04/26/2015	12/08/2014	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	0.66		0.67	0.79	1	1.2		
DICHLORODIFLUOROMETHANE	21		40	48	54	66		
FLUOROTRICHLOROMETHANE	0.4		0.74	1	1.3	1.4		
METHYLENE CHLORIDE				0.13				
TETRACHLOROETHYLENE	0.26		0.32	0.39	0.38	0.48		
TETRAHYDROFURAN			1.3	1.8				
TRICHLOROETHYLENE	0.84		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 : 05/15/15

MW-9S

Compound	04/24/2015, 04/26/2015	12/08/2014	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	0.3			0.26		0.34		
DICHLORODIFLUOROMETHANE	22		38	67	69	77		
ETHYLBENZENE				0.019				
FLUOROTRICHLOROMETHANE	0.6		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 : 05/15/15

TRIP BLANK

Compound	04/24/2015, 04/26/2015	12/08/2014	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		