

ATTACHMENT B

Groundwater Sampling Logs and Field Equipment Calibration Logs

Form FD 9000-241

SITE NAME: Hardee County Landfill		SITE LOCATION: 685 Airport Rd., Wauchula, FL	
WELL NO: MW-2	SAMPLE ID: MW-2	DATE: 1/4/17	

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 8.11	PURGE PUMP TYPE OR BAILER: Peristaltic
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (12.70 feet - 8.11 feet) X 0.65 gallons/foot = 2.99 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + (gallons/foot X feet) + gallons = gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 9:50	PURGING ENDED AT: 10:30	TOTAL VOLUME PURGED (gallons): 4.0

[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88									
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016									

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brad Bayne / Atkins				SAMPLER(S) SIGNATURE(S) <i>Brad Bayne</i>			SAMPLING INITIATED AT: 10:30		SAMPLING ENDED AT: 10:35		
PUMP OR TUBING DEPTH IN WELL (feet): 11				TUBING MATERIAL CODE: S + HDPE			FIELD-FILTERED: Y <input checked="" type="radio"/> N <input type="radio"/>		Filtration Equipment Type: _____		
FIELD DECONTAMINATION: PUMP Y <input checked="" type="radio"/> N <input type="radio"/>				TUBING Y <input checked="" type="radio"/> N <input type="radio"/> (replaced)			DUPLICATE: Y <input checked="" type="radio"/> N <input type="radio"/>				
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE		SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
REMARKS:											
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)											
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

SITE NAME: Hardee County Landfill		SITE LOCATION: 685 Airport Rd., Wavahola, FL	
WELL NO: MW-10R	SAMPLE ID: MW-10R	DATE: 1/4/17	

PURGING DATA


WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 9.25	PURGE PUMP TYPE OR BAILER: Peristaltic
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (23.08 \text{ feet} - 9.25 \text{ feet}) \times 0.16 \text{ gallons/foot} = 2.21 \text{ gallons}$				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 14:25	PURGING ENDED AT: 15:05	TOTAL VOLUME PURGED (gallons): 4.0

[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88									
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016									

PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brad Bayne / Atkins		SAMPLER(S) SIGNATURE(S): 		SAMPLING INITIATED AT: 15:05		SAMPLING ENDED AT: 15:10	
PUMP OR TUBING DEPTH IN WELL (feet): 11		TUBING MATERIAL CODE: S + HDPE		FIELD-FILTERED: Y (N)		FILTER SIZE: _____ µm	
PUMP DECONTAMINATION: PUMP Y (N)		TUBING DECONTAMINATION: TUBING Y (N) (replaced)		DUPLICATE: Y (N)			

[illegible]

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); Q = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

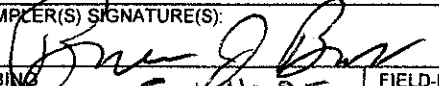
Form FD 9000-24

SITE NAME: Hardee County Landfill		SITE LOCATION: 685 Airport Road, Wauchoola, FL	
WELL NO: MW-12R	SAMPLE ID: MW-12R	DATE: 1/5/17	

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brad Bayne / Atkins				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 10:10		SAMPLING ENDED AT: 10:18	
PUMP OR TUBING DEPTH IN WELL (feet): 12				TUBING MATERIAL CODE: S + HDPE		FIELD-FILTERED: Y <input checked="" type="checkbox"/> (N)			FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> (N)				TUBING Y <input checked="" type="checkbox"/> (N) (replaced)			DUPLICATE: Y <input checked="" type="checkbox"/> (N)			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
See Chain of Custody										
REMARKS:										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

PURGING DATA

SAMPLING DATA

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

SITE NAME: Hardee County Landfill		SITE LOCATION: 685 Airport Rd., Wanchula, FL	
WELL NO: MW-14	SAMPLE ID: MW-14	DATE: 1/4/17	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 8.25	PURGE PUMP TYPE OR BAILER: Peristaltic							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (20.35 \text{ feet} - 8.25 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.94 \text{ gallons}$											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 12:10	PURGING ENDED AT: 12:45	TOTAL VOLUME PURGED (gallons): 3.5							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
12:30	2.0	2.0	0.1	8.52	6.06	22.31	524	2.2	3.66	clear	None
12:35	0.5	2.5	0.1	8.55	6.08	22.37	528	1.95	1.19	↓	↓
12:40	0.5	3.0	0.1	8.56	6.10	22.44	527	1.80	1.01	↓	↓
12:45	0.5	3.5	0.1	8.55	6.12	22.56	525	1.69	1.06	↓	↓
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88											
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brad Bayne / Atkins				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: 12:45		SAMPLING ENDED AT: 12:50		
PUMP OR TUBING DEPTH IN WELL (feet): 11				TUBING MATERIAL CODE: S + HDPE			FIELD-FILTERED: Y <input checked="" type="radio"/> N <input type="radio"/> Filtration Equipment Type: N		FILTER SIZE: _____ µm		
FIELD DECONTAMINATION: PUMP Y <input checked="" type="radio"/> N <input type="radio"/>				TUBING Y <input checked="" type="radio"/> N <input type="radio"/> (replaced)			DUPLICATE: Y <input checked="" type="radio"/> N <input type="radio"/>				
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE		SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
REMARKS:											
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)											
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) Turbidity: all readings < 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24*

SITE NAME: Hardee County Landfill		SITE LOCATION: 685 Airport Rd., Wauchula, FL	
WELL NO: SW-2	SAMPLE ID: SW-2	DATE: 1/5/17	

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brad Bayne / Atkins				SAMPLER(S) SIGNATURE(S): <i>Brad Bayne</i>			SAMPLING INITIATED AT: 11:30		SAMPLING ENDED AT: 11:55	
PUMP OR TUBING DEPTH IN WELL (feet):				TUBING MATERIAL CODE: S HDPE		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N		FILTER SIZE: _____ µm		
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N TUBING Y <input checked="" type="checkbox"/> N (replaced)						DUPLICATE: Y <input checked="" type="checkbox"/> N				
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
See Chain of Custody										
REMARKS:										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

YSI 556

INSTRUMENT # I4I00127

Provided by Peterson Environmental

~~☒~~ pH

☐ ORP

☐ OTHER

Standard A 4.01 provided by Peterson Environmental

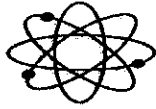
Standard B 7.00

Standard C

Revision Date: January 1, 2002

ATTACHMENT C

Groundwater and Surface Water Laboratory Analytical Reports



FLOWERS CHEMICAL LABORATORIES INC.

P.O. Box 150597, Altamonte Springs, FL 32715 0597
571 NW Mercantile Pl, Suite 111, Port St. Lucie, FL 34986
812 SW Harvey Green Dr, Madison, FL 32340
3980 Overseas Hwy, Suite 103, Marathon, FL 33050

Phone: 407-339-5984 E83018 (Main Lab)
Phone: 772-343-8006 E86562 (South Lab)
Phone: 850-973-6878 E82405 (North Lab)
Phone: 305-743-8598 E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

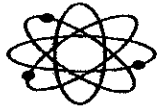
PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Report Summary

Date Received: Jan 5, 2017

FCL Project Manager: June S. Flowers

Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
319849GW1	MW-4/299	EPA350.1	PCW	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CTH	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	VLB	Main Lab	
319849GW2	MW-2/297	EPA350.1	PCW	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CTH	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	VLB	Main Lab	
319849GW3	MW-1/296	EPA350.1	PCW	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CTH	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	



FLOWERS CHEMICAL LABORATORIES INC.

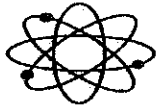
P.O. Box 150597, Altamonte Springs, FL 32715 0597
571 NW Mercantile Pl, Suite 111, Port St. Lucie, FL 34986
812 SW Harvey Green Dr, Madison, FL 32340
3980 Overseas Hwy, Suite 103, Marathon, FL 33050

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Phone: 850-973-6878 E82405 (North Lab)
Phone: 305-743-8598 E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

319849GW4	MW-14/29064	FT1600	RJC	Main Lab	Ground Water
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	VLB	Main Lab	
		EPA350.1	PCW	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CTH	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
319849GW5	MW-13/29063	FT1500	RJC	Main Lab	Ground Water
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	VLB	Main Lab	
		EPA350.1	PCW	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CTH	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
319849GW6	MW-10R/22930	FT1400	RJC	Main Lab	Ground Water
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	VLB	Main Lab	
		EPA350.1	PCW	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CTH	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	



FLOWERS CHEMICAL LABORATORIES INC.

P.O. Box 150597, Altamonte Springs, FL 32715 0597
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3980 Overseas Hwy, Suite 103, Marathon, FL 33050

Phone: 407-339-5984 E83018 (Main Lab)
Phone: 772-343-8006 E86562 (South Lab)
Phone: 850-973-6878 E82405 (North Lab)
Phone: 305-743-8598 E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

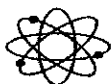
319849GW7	MW-11/21882	SM4500-CI E	VLB	Main Lab	
		EPA350.1	PCW	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CTH	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
319849GW8	MW-12R/22931	SM4500-CI E	VLB	Main Lab	
		EPA350.1	PCW	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CTH	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
319849GW9	Trip Blank	SM4500-CI E	VLB	Main Lab	
		EPA8260	CTH	Main Lab	Ground Water

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
President/Technical Director



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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

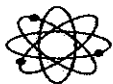
Analysis Report

Lab #: 319849GW1 Sampled: 01/04/17 09:30 AM Desc: MW-4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10330224	EPA353.2	14797-55-8	01/06/17 09:00 AM
TDS	850	mg/L	1.00	2.50	5.00	10330287	SM2540 C	10-33-3	01/06/17
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	630-20-6	01/09/17
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	71-55-6	01/09/17
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10330363	EPA8260	79-34-5	01/09/17
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	79-00-5	01/09/17
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-34-3	01/09/17
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-35-4	01/09/17
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10330363	EPA8260	107-06-2	01/09/17
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10330363	EPA8260	78-87-5	01/09/17
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	78-93-3	01/09/17
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	591-78-6	01/09/17
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10330363	EPA8260	67-64-1	01/09/17
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10330363	EPA8260	107-13-1	01/09/17
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	71-43-2	01/09/17
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10330363	EPA8260	074-97-5	01/09/17
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10330363	EPA8260	75-27-4	01/09/17
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-25-2	01/09/17
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	74-83-9	01/09/17
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	75-15-0	01/09/17
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	56-23-5	01/09/17
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	108-90-7	01/09/17
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-00-3	01/09/17
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	67-66-3	01/09/17
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	74-87-3	01/09/17
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10330363	EPA8260	124-48-1	01/09/17
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	074-95-3	01/09/17

FLDOH: E83018 (Main Lab) FLDOH: E86562 (South Lab) FLDOH: E82405 (North Lab) FLDOH: E35834 (Keys Lab)

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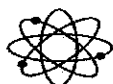
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Atkins-Tampa
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Tampa, FL 33607

PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW1 Sampled: 01/04/17 09:30 AM Desc: MW-4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	100-41-4	01/09/17
Methyl iodide	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	074-88-4	01/09/17
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	108-10-1	01/09/17
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	75-09-2	01/09/17
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	106-46-7	01/09/17
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	100-42-5	01/09/17
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	127-18-4	01/09/17
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	108-88-3	01/09/17
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	79-01-6	01/09/17
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-69-4	01/09/17
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	10.0	10330363	EPA8260	108-05-4	01/09/17
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-01-4	01/09/17
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	1330-20-7	01/09/17
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10330363	EPA8260	156-59-2	01/09/17
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	10061-01-5	01/09/17
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	95-50-1	01/09/17
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	156-60-5	01/09/17
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	10061-02-6	01/09/17
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	110-57-6	01/09/17
Surr:1,2-Dichloroethane-d4 (50-170%)	107.37%		1.00	0.0100	0.0100	10330363	EPA8260		01/09/17
Surr:Bromofluorobenzene (50-170%)	112.40%		1.00	1.00	1.00	10330363	EPA8260	460-00-4	01/09/17
Surr:Toluene-d8 (50-170%)	100.37%		1.00	0.0100	0.0100	10330363	EPA8260		01/09/17
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10330465	EPA6020	7440-36-0	01/10/17
Arsenic	0.0142	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-38-2	01/10/17
Barium	0.0101	mg/L	1.00	0.00200	0.00400	10330465	EPA6020	7440-39-3	01/10/17
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10330465	EPA6020	7440-41-7	01/10/17
Cadmium	0.000200 U	mg/L	1.00	0.000200	0.000400	10330465	EPA6020	7440-43-9	01/10/17
Chromium	0.00570	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-47-3	01/10/17
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-48-4	01/10/17



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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW1 Sampled: 01/04/17 09:30 AM Desc: MW-4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-50-8	01/10/17
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7439-92-1	01/10/17
Nickel	0.00160 I	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-02-0	01/10/17
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10330465	EPA6020	7782-49-2	01/10/17
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10330465	EPA6020	7440-22-4	01/10/17
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-28-0	01/10/17
Vanadium	0.0196	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-62-2	01/10/17
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10330465	EPA6020	7440-66-6	01/10/17
Iron	9.43	mg/L	1.00	0.0100	0.0200	10330487	EPA6010	7439-89-6	01/10/17
Sodium	8.96	mg/L	1.00	0.500	1.00	10330487	EPA6010	7440-23-5	01/10/17
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10330607	EPA7470	7439-97-6	01/12/17
1,2,3-Trichloropropane	0.0201 U	ug/L	1.00	0.0201	0.0401	10330693	EPA8011	096-18-4	01/11/17
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0201	10330693	EPA8011	106-93-4	01/11/17
1,2-dibromo-3-chloropropane	0.0201 U	ug/L	1.00	0.0201	0.0401	10330693	EPA8011	96-12-8	01/11/17
Chloride	21.1	mg/L	1.00	4.00	8.00	10330914	SM4500-Cl E	16887-00-6	01/13/17
Field Ground Water Elevation	79.3	ft	1.00	-10.0	-10.0	10330955	FT1000		01/04/17
Field pH (units)	6.34	pH	1.00	0.0100	0.0200	10330956	FT1100	C006	01/04/17
Field Conductivity	430	umhos/cm	1.00	0.100	0.100	10330957	FT1200		01/04/17
Field Temp. (C)	21.6	oC	1.00	0.100	0.100	10330958	FT1400		01/04/17
Field DO	0.820	mg/L	1.00	0.100	0.100	10330959	FT1500		01/04/17
Field Turbidity	3.73	NTU	1.00	0.100	0.100	10330960	FT1600		01/04/17
Ammonia (as N)	0.545	mg/L	1.00	0.0100	0.0200	10331262	EPA350.1	7664-41-7	01/18/17

Lab #: 319849GW2 Sampled: 01/04/17 10:30 AM Desc: MW-2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0134 I	mg/L	1.00	0.0100	0.0200	10330224	EPA353.2	14797-55-8	01/06/17 09:00 AM
TDS	346	mg/L	1.00	2.50	5.00	10330287	SM2540 C	10-33-3	01/06/17
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	630-20-6	01/09/17
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	71-55-6	01/09/17



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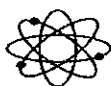
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PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW2 Sampled: 01/04/17 10:30 AM Desc: MW-2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10330363	EPA8260	79-34-5	01/09/17
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	79-00-5	01/09/17
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-34-3	01/09/17
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-35-4	01/09/17
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10330363	EPA8260	107-06-2	01/09/17
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10330363	EPA8260	78-87-5	01/09/17
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	78-93-3	01/09/17
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	591-78-6	01/09/17
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10330363	EPA8260	67-64-1	01/09/17
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10330363	EPA8260	107-13-1	01/09/17
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	71-43-2	01/09/17
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10330363	EPA8260	074-97-5	01/09/17
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10330363	EPA8260	75-27-4	01/09/17
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-25-2	01/09/17
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	74-83-9	01/09/17
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	75-15-0	01/09/17
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	56-23-5	01/09/17
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	108-90-7	01/09/17
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-00-3	01/09/17
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	67-66-3	01/09/17
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	74-87-3	01/09/17
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10330363	EPA8260	124-48-1	01/09/17
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	074-95-3	01/09/17
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	100-41-4	01/09/17
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	074-88-4	01/09/17
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	108-10-1	01/09/17
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	75-09-2	01/09/17
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	106-46-7	01/09/17
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	100-42-5	01/09/17



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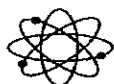
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PO #: 100053538
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Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW2 Sampled: 01/04/17 10:30 AM Desc: MW-2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	127-18-4	01/09/17
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	108-88-3	01/09/17
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	79-01-6	01/09/17
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-69-4	01/09/17
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	10.0	10330363	EPA8260	108-05-4	01/09/17
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-01-4	01/09/17
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	1330-20-7	01/09/17
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10330363	EPA8260	156-59-2	01/09/17
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	10061-01-5	01/09/17
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	95-50-1	01/09/17
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	156-60-5	01/09/17
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	10061-02-6	01/09/17
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	110-57-6	01/09/17
Surr:1,2-Dichloroethane-d4 (50-170%)	107.87%		1.00	0.0100	0.0100	10330363	EPA8260		01/09/17
Surr:Bromofluorobenzene (50-170%)	102.93%		1.00	1.00	1.00	10330363	EPA8260	460-00-4	01/09/17
Surr:Toluene-d8 (50-170%)	100.43%		1.00	0.0100	0.0100	10330363	EPA8260		01/09/17
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10330465	EPA6020	7440-36-0	01/10/17
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-38-2	01/10/17
Barium	0.0136	mg/L	1.00	0.00200	0.00400	10330465	EPA6020	7440-39-3	01/10/17
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10330465	EPA6020	7440-41-7	01/10/17
Cadmium	0.000200 U	mg/L	1.00	0.000200	0.000400	10330465	EPA6020	7440-43-9	01/10/17
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-47-3	01/10/17
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-48-4	01/10/17
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-50-8	01/10/17
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7439-92-1	01/10/17
Nickel	0.00200	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-02-0	01/10/17
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10330465	EPA6020	7782-49-2	01/10/17
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10330465	EPA6020	7440-22-4	01/10/17
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-28-0	01/10/17



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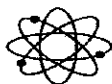
PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW2 Sampled: 01/04/17 10:30 AM Desc: MW-2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Vanadium	0.00220	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-62-2	01/10/17
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10330465	EPA6020	7440-66-6	01/10/17
Iron	0.628	mg/L	1.00	0.0100	0.0200	10330487	EPA6010	7439-89-6	01/10/17
Sodium	13.5	mg/L	1.00	0.500	1.00	10330487	EPA6010	7440-23-5	01/10/17
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10330607	EPA7470	7439-97-6	01/12/17
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10330693	EPA8011	096-18-4	01/11/17
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10330693	EPA8011	106-93-4	01/11/17
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10330693	EPA8011	96-12-8	01/11/17
Chloride	22.2	mg/L	1.00	4.00	8.00	10330914	SM4500-Cl E	16887-00-6	01/13/17
Field Ground Water Elevation	77.8	ft	1.00	-10.0	-10.0	10330955	FT1000		01/04/17
Field pH (units)	7.00	pH	1.00	0.0100	0.0200	10330956	FT1100	C006	01/04/17
Field Conductivity	568	umhos/cm	1.00	0.100	0.100	10330957	FT1200		01/04/17
Field Temp. (C)	22.4	oC	1.00	0.100	0.100	10330958	FT1400		01/04/17
Field DO	1.71	mg/L	1.00	0.100	0.100	10330959	FT1500		01/04/17
Field Turbidity	5.54	NTU	1.00	0.100	0.100	10330960	FT1600		01/04/17
Ammonia (as N)	0.102	mg/L	1.00	0.0100	0.0200	10331262	EPA350.1	7664-41-7	01/18/17

Lab #: 319849GW3 Sampled: 01/04/17 11:35 AM Desc: MW-1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0242	mg/L	1.00	0.0100	0.0200	10330224	EPA353.2	14797-55-8	01/06/17 09:00 AM
TDS	1010	mg/L	1.00	2.50	5.00	10330287	SM2540 C	10-33-3	01/06/17
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	630-20-6	01/09/17
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	71-55-6	01/09/17
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10330363	EPA8260	79-34-5	01/09/17
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	79-00-5	01/09/17
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-34-3	01/09/17
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-35-4	01/09/17
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10330363	EPA8260	107-06-2	01/09/17
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10330363	EPA8260	78-87-5	01/09/17



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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW3 Sampled: 01/04/17 11:35 AM Desc: MW-1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	78-93-3	01/09/17
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	591-78-6	01/09/17
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10330363	EPA8260	67-64-1	01/09/17
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10330363	EPA8260	107-13-1	01/09/17
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	71-43-2	01/09/17
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10330363	EPA8260	074-97-5	01/09/17
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10330363	EPA8260	75-27-4	01/09/17
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-25-2	01/09/17
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	74-83-9	01/09/17
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	75-15-0	01/09/17
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	56-23-5	01/09/17
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	108-90-7	01/09/17
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-00-3	01/09/17
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	67-66-3	01/09/17
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	74-87-3	01/09/17
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10330363	EPA8260	124-48-1	01/09/17
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	074-95-3	01/09/17
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	100-41-4	01/09/17
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	074-88-4	01/09/17
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	108-10-1	01/09/17
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	75-09-2	01/09/17
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	106-46-7	01/09/17
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	100-42-5	01/09/17
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	127-18-4	01/09/17
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	108-88-3	01/09/17
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	79-01-6	01/09/17
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-69-4	01/09/17
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	10.0	10330363	EPA8260	108-05-4	01/09/17
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-01-4	01/09/17

FLDOH: E83018 (Main Lab) FLDOH: E86562 (South Lab) FLDOH: E82405 (North Lab) FLDOH: E35834 (Keys Lab)

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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW3 Sampled: 01/04/17 11:35 AM Desc: MW-1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	1330-20-7	01/09/17
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10330363	EPA8260	156-59-2	01/09/17
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	10061-01-5	01/09/17
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	95-50-1	01/09/17
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	156-60-5	01/09/17
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	10061-02-6	01/09/17
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	110-57-6	01/09/17
Surr:1,2-Dichloroethane-d4 (50-170%)	108.50%		1.00	0.0100	0.0100	10330363	EPA8260		01/09/17
Surr:Bromofluorobenzene (50-170%)	111.03%		1.00	1.00	1.00	10330363	EPA8260	460-00-4	01/09/17
Surr:Toluene-d8 (50-170%)	99.90%		1.00	0.0100	0.0100	10330363	EPA8260		01/09/17
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10330465	EPA6020	7440-36-0	01/10/17
Arsenic	0.00530	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-38-2	01/10/17
Barium	0.00610	mg/L	1.00	0.00200	0.00400	10330465	EPA6020	7440-39-3	01/10/17
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10330465	EPA6020	7440-41-7	01/10/17
Cadmium	0.000200 U	mg/L	1.00	0.000200	0.000400	10330465	EPA6020	7440-43-9	01/10/17
Chromium	0.0143	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-47-3	01/10/17
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-48-4	01/10/17
Copper	0.00370	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-50-8	01/10/17
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7439-92-1	01/10/17
Nickel	0.00570	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-02-0	01/10/17
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10330465	EPA6020	7782-49-2	01/10/17
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10330465	EPA6020	7440-22-4	01/10/17
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-28-0	01/10/17
Vanadium	0.0261	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-62-2	01/10/17
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10330465	EPA6020	7440-66-6	01/10/17
Iron	5.57	mg/L	1.00	0.0100	0.0200	10330487	EPA6010	7439-89-6	01/10/17
Sodium	10.3	mg/L	1.00	0.500	1.00	10330487	EPA6010	7440-23-5	01/10/17
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10330607	EPA7470	7439-97-6	01/12/17
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10330693	EPA8011	096-18-4	01/11/17



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Tampa, FL 33607

PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW3 Sampled: 01/04/17 11:35 AM Desc: MW-1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10330693	EPA8011	106-93-4	01/11/17
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10330693	EPA8011	96-12-8	01/11/17
Chloride	19.0	mg/L	1.00	4.00	8.00	10330914	SM4500-Cl E	16887-00-6	01/13/17
Field Ground Water Elevation	80.3	ft	1.00	-10.0	-10.0	10330955	FT1000		01/04/17
Field pH (units)	4.58	pH	1.00	0.0100	0.0200	10330956	FT1100	C006	01/04/17
Field Conductivity	139	umhos/cm	1.00	0.100	0.100	10330957	FT1200		01/04/17
Field Temp. (C)	22.6	oC	1.00	0.100	0.100	10330958	FT1400		01/04/17
Field DO	2.18	mg/L	1.00	0.100	0.100	10330959	FT1500		01/04/17
Field Turbidity	18.1	NTU	1.00	0.100	0.100	10330960	FT1600		01/04/17
Ammonia (as N)	0.249	mg/L	1.00	0.0100	0.0200	10331262	EPA350.1	7664-41-7	01/18/17

Lab #: 319849GW4 Sampled: 01/04/17 12:45 PM Desc: MW-14/29064

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.237	mg/L	1.00	0.0100	0.0200	10330224	EPA353.2	14797-55-8	01/06/17 09:00 AM
TDS	350	mg/L	1.00	2.50	5.00	10330287	SM2540 C	10-33-3	01/06/17
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	630-20-6	01/09/17
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	71-55-6	01/09/17
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10330363	EPA8260	79-34-5	01/09/17
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	79-00-5	01/09/17
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-34-3	01/09/17
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-35-4	01/09/17
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10330363	EPA8260	107-06-2	01/09/17
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10330363	EPA8260	78-87-5	01/09/17
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	78-93-3	01/09/17
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	591-78-6	01/09/17
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10330363	EPA8260	67-64-1	01/09/17
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10330363	EPA8260	107-13-1	01/09/17
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	71-43-2	01/09/17
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10330363	EPA8260	074-97-5	01/09/17

FLDOH: E83018 (Main Lab) FLDOH: E86562 (South Lab) FLDOH: E82405 (North Lab) FLDOH: E35834 (Keys Lab)

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FLOWERS CHEMICAL LABORATORIES INC.

P.O. Box 150597, Altamonte Springs, FL 32715-0597
571 NW Mercantile Pl, Suite 111, Port St. Lucie, FL 34986
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3980 Overseas Hwy, Suite 103, Marathon, FL 33050

Phone: 407-339-5984
Phone: 772-343-8006
Phone: 850-973-6878
Phone: 305-743-8598

L83018 (Main Lab)
E86562 (South Lab)
E82405 (North Lab)
E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

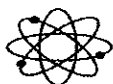
PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW4 Sampled: 01/04/17 12:45 PM Desc: MW-14/29064

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10330363	EPA8260	75-27-4	01/09/17
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-25-2	01/09/17
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	74-83-9	01/09/17
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	75-15-0	01/09/17
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	56-23-5	01/09/17
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	108-90-7	01/09/17
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-00-3	01/09/17
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	67-66-3	01/09/17
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	74-87-3	01/09/17
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10330363	EPA8260	124-48-1	01/09/17
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	074-95-3	01/09/17
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	100-41-4	01/09/17
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	074-88-4	01/09/17
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	108-10-1	01/09/17
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	75-09-2	01/09/17
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	106-46-7	01/09/17
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	100-42-5	01/09/17
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	127-18-4	01/09/17
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	108-88-3	01/09/17
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	79-01-6	01/09/17
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-69-4	01/09/17
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	10.0	10330363	EPA8260	108-05-4	01/09/17
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-01-4	01/09/17
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	1330-20-7	01/09/17
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10330363	EPA8260	156-59-2	01/09/17
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	10061-01-5	01/09/17
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	95-50-1	01/09/17
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	156-60-5	01/09/17
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	10061-02-6	01/09/17

FLDOH: E83018 (Main Lab) FLDOH: E86562 (South Lab) FLDOH: E82405 (North Lab) FLDOH: E35834 (Keys Lab)

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FLOWERS CHEMICAL LABORATORIES INC.

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Phone: 407-339-5984 E83018 (Main Lab)
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Phone: 305-743-8598 E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

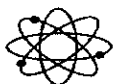
PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW4 Sampled: 01/04/17 12:45 PM Desc: MW-14/29064

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	110-57-6	01/09/17
Surr:1,2-Dichloroethane-d4 (50-170%)	108.57%		1.00	0.0100	0.0100	10330363	EPA8260		01/09/17
Surr:Bromofluorobenzene (50-170%)	106.47%		1.00	1.00	1.00	10330363	EPA8260	460-00-4	01/09/17
Surr:Toluene-d8 (50-170%)	102.97%		1.00	0.0100	0.0100	10330363	EPA8260		01/09/17
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10330465	EPA6020	7440-36-0	01/10/17
Arsenic	0.00320	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-38-2	01/10/17
Barium	0.00200 U	mg/L	1.00	0.00200	0.00400	10330465	EPA6020	7440-39-3	01/10/17
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10330465	EPA6020	7440-41-7	01/10/17
Cadmium	0.000200 U	mg/L	1.00	0.000200	0.000400	10330465	EPA6020	7440-43-9	01/10/17
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-47-3	01/10/17
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-48-4	01/10/17
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-50-8	01/10/17
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7439-92-1	01/10/17
Nickel	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-02-0	01/10/17
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10330465	EPA6020	7782-49-2	01/10/17
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10330465	EPA6020	7440-22-4	01/10/17
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-28-0	01/10/17
Vanadium	0.00380	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-62-2	01/10/17
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10330465	EPA6020	7440-66-6	01/10/17
Iron	0.398	mg/L	1.00	0.0100	0.0200	10330487	EPA6010	7439-89-6	01/10/17
Sodium	8.54	mg/L	1.00	0.500	1.00	10330487	EPA6010	7440-23-5	01/10/17
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10330607	EPA7470	7439-97-6	01/12/17
1,2,3-Trichloropropane	0.0201 U	ug/L	1.00	0.0201	0.0401	10330693	EPA8011	096-18-4	01/11/17
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0201	10330693	EPA8011	106-93-4	01/11/17
1,2-dibromo-3-chloropropane	0.0201 U	ug/L	1.00	0.0201	0.0401	10330693	EPA8011	96-12-8	01/11/17
Chloride	12.3	mg/L	1.00	4.00	8.00	10330914	SM4500-Cl E	16887-00-6	01/13/17
Field Ground Water Elevation	79.9	ft	1.00	-10.0	-10.0	10330955	FT1000		01/04/17
Field pH (units)	6.12	pH	1.00	0.0100	0.0200	10330956	FT1100	C006	01/04/17
Field Conductivity	525	umhos/cm	1.00	0.100	0.100	10330957	FT1200		01/04/17

FLDOH: E83018 (Main Lab) FLDOH: E86562 (South Lab) FLDOH: E82405 (North Lab) FLDOH: E35834 (Keys Lab)

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FLOWERS CHEMICAL LABORATORIES INC.

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Phone: 305-743-8598 E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW4 Sampled: 01/04/17 12:45 PM Desc: MW-14/29064

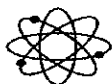
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Field Temp. (C)	22.6	oC	1.00	0.100	0.100	10330958	FT1400		01/04/17
Field DO	1.69	mg/L	1.00	0.100	0.100	10330959	FT1500		01/04/17
Field Turbidity	1.06	NTU	1.00	0.100	0.100	10330960	FT1600		01/04/17
Ammonia (as N)	0.861	mg/L	1.00	0.0100	0.0200	10331262	EPA350.1	7664-41-7	01/18/17

Lab #: 319849GW5 Sampled: 01/04/17 01:50 PM Desc: MW-13/29063

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10330224	EPA353.2	14797-55-8	01/06/17 09:00 AM
TDS	90.0	mg/L	1.00	2.50	5.00	10330287	SM2540 C	10-33-3	01/06/17
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	630-20-6	01/09/17
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	71-55-6	01/09/17
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10330363	EPA8260	79-34-5	01/09/17
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	79-00-5	01/09/17
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-34-3	01/09/17
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-35-4	01/09/17
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10330363	EPA8260	107-06-2	01/09/17
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10330363	EPA8260	78-87-5	01/09/17
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	78-93-3	01/09/17
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	591-78-6	01/09/17
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10330363	EPA8260	67-64-1	01/09/17
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10330363	EPA8260	107-13-1	01/09/17
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	71-43-2	01/09/17
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10330363	EPA8260	074-97-5	01/09/17
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10330363	EPA8260	75-27-4	01/09/17
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-25-2	01/09/17
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	74-83-9	01/09/17
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	75-15-0	01/09/17
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	56-23-5	01/09/17
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	108-90-7	01/09/17

FLDOH: E83018 (Main Lab) FLDOH: E86562 (South Lab) FLDOH: E82405 (North Lab) FLDOH: E35834 (Keys Lab)

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FLOWERS CHEMICAL LABORATORIES INC.

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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW5 Sampled: 01/04/17 01:50 PM Desc: MW-13/29063

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-00-3	01/09/17
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	67-66-3	01/09/17
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	74-87-3	01/09/17
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10330363	EPA8260	124-48-1	01/09/17
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	074-95-3	01/09/17
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	100-41-4	01/09/17
Methyl iodide	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	074-88-4	01/09/17
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	108-10-1	01/09/17
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	75-09-2	01/09/17
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	106-46-7	01/09/17
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	100-42-5	01/09/17
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	127-18-4	01/09/17
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	108-88-3	01/09/17
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	79-01-6	01/09/17
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-69-4	01/09/17
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	10.0	10330363	EPA8260	108-05-4	01/09/17
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-01-4	01/09/17
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	1330-20-7	01/09/17
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10330363	EPA8260	156-59-2	01/09/17
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	10061-01-5	01/09/17
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	95-50-1	01/09/17
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	156-60-5	01/09/17
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	10061-02-6	01/09/17
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	110-57-6	01/09/17
Surr:1,2-Dichloroethane-d4 (50-170%)	106.57%		1.00	0.0100	0.0100	10330363	EPA8260		01/09/17
Surr:Bromofluorobenzene (50-170%)	106.17%		1.00	1.00	1.00	10330363	EPA8260	460-00-4	01/09/17
Surr:Toluene-d8 (50-170%)	98.70%		1.00	0.0100	0.0100	10330363	EPA8260		01/09/17
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10330465	EPA6020	7440-36-0	01/10/17
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-38-2	01/10/17

FLDOH: E83018 (Main Lab) FLDOH: E86562 (South Lab) FLDOH: E82405 (North Lab) FLDOH: E35834 (Keys Lab)

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FLOWERS CHEMICAL LABORATORIES INC.

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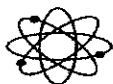
Phone: 407-339-5984 E83018 (Main Lab)
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Phone: 305-743-8598 E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW5 Sampled: 01/04/17 01:50 PM Desc: MW-13/29063

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Barium	0.00200 U	mg/L	1.00	0.00200	0.00400	10330465	EPA6020	7440-39-3	01/10/17
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10330465	EPA6020	7440-41-7	01/10/17
Cadmium	0.000200 U	mg/L	1.00	0.000200	0.000400	10330465	EPA6020	7440-43-9	01/10/17
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-47-3	01/10/17
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-48-4	01/10/17
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-50-8	01/10/17
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7439-92-1	01/10/17
Nickel	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-02-0	01/10/17
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10330465	EPA6020	7782-49-2	01/10/17
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10330465	EPA6020	7440-22-4	01/10/17
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-28-0	01/10/17
Vanadium	0.00200	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-62-2	01/10/17
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10330465	EPA6020	7440-66-6	01/10/17
Iron	0.967	mg/L	1.00	0.0100	0.0200	10330487	EPA6010	7439-89-6	01/10/17
Sodium	3.95	mg/L	1.00	0.500	1.00	10330487	EPA6010	7440-23-5	01/10/17
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10330607	EPA7470	7439-97-6	01/12/17
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10330693	EPA8011	096-18-4	01/11/17
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10330693	EPA8011	106-93-4	01/11/17
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10330693	EPA8011	96-12-8	01/11/17
Chloride	6.23 l	mg/L	1.00	4.00	8.00	10330914	SM4500-Cl E	16887-00-6	01/13/17
Field Ground Water Elevation	79.7	ft	1.00	-10.0	-10.0	10330955	FT1000		01/04/17
Field pH (units)	5.20	pH	1.00	0.0100	0.0200	10330956	FT1100	C006	01/04/17
Field Conductivity	125	umhos/cm	1.00	0.100	0.100	10330957	FT1200		01/04/17
Field Temp. (C)	23.3	oC	1.00	0.100	0.100	10330958	FT1400		01/04/17
Field DO	0.850	mg/L	1.00	0.100	0.100	10330959	FT1500		01/04/17
Field Turbidity	3.64	NTU	1.00	0.100	0.100	10330960	FT1600		01/04/17
Ammonia (as N)	0.137	mg/L	1.00	0.0100	0.0200	10331262	EPA350.1	7664-41-7	01/18/17



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Phone: 305-743-8598 E35834 (Keys Lab)

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4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

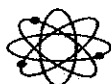
PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW6 Sampled: 01/04/17 03:05 PM Desc: MW-10R/22930

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10330224	EPA353.2	14797-55-8	01/06/17 09:00 AM
TDS	224	mg/L	1.00	2.50	5.00	10330287	SM2540 C	10-33-3	01/06/17
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	630-20-6	01/09/17
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	71-55-6	01/09/17
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10330363	EPA8260	79-34-5	01/09/17
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	79-00-5	01/09/17
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-34-3	01/09/17
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-35-4	01/09/17
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10330363	EPA8260	107-06-2	01/09/17
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10330363	EPA8260	78-87-5	01/09/17
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	78-93-3	01/09/17
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	591-78-6	01/09/17
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10330363	EPA8260	67-64-1	01/09/17
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10330363	EPA8260	107-13-1	01/09/17
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	71-43-2	01/09/17
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10330363	EPA8260	074-97-5	01/09/17
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10330363	EPA8260	75-27-4	01/09/17
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-25-2	01/09/17
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	74-83-9	01/09/17
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	75-15-0	01/09/17
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	56-23-5	01/09/17
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	108-90-7	01/09/17
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-00-3	01/09/17
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	67-66-3	01/09/17
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	74-87-3	01/09/17
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10330363	EPA8260	124-48-1	01/09/17
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	074-95-3	01/09/17
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	100-41-4	01/09/17
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	074-88-4	01/09/17

FLDOH: E83018 (Main Lab) FLDOH: E86562 (South Lab) FLDOH: E82405 (North Lab) FLDOH: E35834 (Keys Lab)

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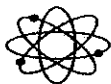
PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW6 Sampled: 01/04/17 03:05 PM Desc: MW-10R/22930

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	108-10-1	01/09/17
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	75-09-2	01/09/17
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	106-46-7	01/09/17
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	100-42-5	01/09/17
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	127-18-4	01/09/17
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	108-88-3	01/09/17
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	79-01-6	01/09/17
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-69-4	01/09/17
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	10.0	10330363	EPA8260	108-05-4	01/09/17
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-01-4	01/09/17
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	1330-20-7	01/09/17
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10330363	EPA8260	156-59-2	01/09/17
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	10061-01-5	01/09/17
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	95-50-1	01/09/17
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	156-60-5	01/09/17
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	10061-02-6	01/09/17
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	110-57-6	01/09/17
Surr:1,2-Dichloroethane-d4 (50-170%)	108.10%		1.00	0.0100	0.0100	10330363	EPA8260		01/09/17
Surr:Bromofluorobenzene (50-170%)	104.87%		1.00	1.00	1.00	10330363	EPA8260	460-00-4	01/09/17
Surr:Toluene-d8 (50-170%)	100.13%		1.00	0.0100	0.0100	10330363	EPA8260		01/09/17
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10330465	EPA6020	7440-36-0	01/10/17
Arsenic	0.00470	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-38-2	01/10/17
Barium	0.0140	mg/L	1.00	0.00200	0.00400	10330465	EPA6020	7440-39-3	01/10/17
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10330465	EPA6020	7440-41-7	01/10/17
Cadmium	0.000200 U	mg/L	1.00	0.000200	0.000400	10330465	EPA6020	7440-43-9	01/10/17
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-47-3	01/10/17
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-48-4	01/10/17
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-50-8	01/10/17
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7439-92-1	01/10/17

FLDOH: E83018 (Main Lab) FLDOH: E86562 (South Lab) FLDOH: E82405 (North Lab) FLDOH: E35834 (Keys Lab)

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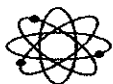
PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW6 Sampled: 01/04/17 03:05 PM Desc: MW-10R/22930

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nickel	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-02-0	01/10/17
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10330465	EPA6020	7782-49-2	01/10/17
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10330465	EPA6020	7440-22-4	01/10/17
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-28-0	01/10/17
Vanadium	0.00400	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-62-2	01/10/17
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10330465	EPA6020	7440-66-6	01/10/17
Iron	25.4	mg/L	1.00	0.0100	0.0200	10330487	EPA6010	7439-89-6	01/10/17
Sodium	17.1	mg/L	1.00	0.500	1.00	10330487	EPA6010	7440-23-5	01/10/17
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10330607	EPA7470	7439-97-6	01/12/17
1,2,3-Trichloropropane	0.0199 U	ug/L	0.997	0.0199	0.0399	10330693	EPA8011	096-18-4	01/11/17
1,2-Dibromoethane (EDB)	0.00997 U	ug/L	0.997	0.00997	0.0199	10330693	EPA8011	106-93-4	01/11/17
1,2-dibromo-3-chloropropane	0.0199 U	ug/L	0.997	0.0199	0.0399	10330693	EPA8011	96-12-8	01/11/17
Chloride	27.1	mg/L	1.00	4.00	8.00	10330914	SM4500-Cl E	16887-00-6	01/13/17
Field Ground Water Elevation	79.3	ft	1.00	-10.0	-10.0	10330955	FT1000		01/04/17
Field pH (units)	5.56	pH	1.00	0.0100	0.0200	10330956	FT1100	C006	01/04/17
Field Conductivity	349	umhos/cm	1.00	0.100	0.100	10330957	FT1200		01/04/17
Field Temp. (C)	25.0	oC	1.00	0.100	0.100	10330958	FT1400		01/04/17
Field DO	0.590	mg/L	1.00	0.100	0.100	10330959	FT1500		01/04/17
Field Turbidity	2.27	NTU	1.00	0.100	0.100	10330960	FT1600		01/04/17
Ammonia (as N)	0.944	mg/L	1.00	0.0100	0.0200	10331262	EPA350.1	7664-41-7	01/18/17

Lab #: 319849GW7 Sampled: 01/05/17 09:10 AM Desc: MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10330224	EPA353.2	14797-55-8	01/06/17 09:00 AM
TDS	134	mg/L	1.00	2.50	5.00	10330287	SM2540 C	10-33-3	01/06/17
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	630-20-6	01/09/17
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	71-55-6	01/09/17
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10330363	EPA8260	79-34-5	01/09/17
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	79-00-5	01/09/17



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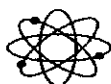
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PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW7 Sampled: 01/05/17 09:10 AM Desc: MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-34-3	01/09/17
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-35-4	01/09/17
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10330363	EPA8260	107-06-2	01/09/17
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10330363	EPA8260	78-87-5	01/09/17
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	78-93-3	01/09/17
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	591-78-6	01/09/17
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10330363	EPA8260	67-64-1	01/09/17
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10330363	EPA8260	107-13-1	01/09/17
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	71-43-2	01/09/17
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10330363	EPA8260	074-97-5	01/09/17
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10330363	EPA8260	75-27-4	01/09/17
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-25-2	01/09/17
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	74-83-9	01/09/17
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	75-15-0	01/09/17
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	56-23-5	01/09/17
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	108-90-7	01/09/17
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-00-3	01/09/17
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	67-66-3	01/09/17
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	74-87-3	01/09/17
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10330363	EPA8260	124-48-1	01/09/17
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	074-95-3	01/09/17
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	100-41-4	01/09/17
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	074-88-4	01/09/17
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	108-10-1	01/09/17
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	75-09-2	01/09/17
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	106-46-7	01/09/17
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	100-42-5	01/09/17
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	127-18-4	01/09/17
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	108-88-3	01/09/17



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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
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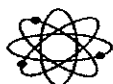
PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW7 Sampled: 01/05/17 09:10 AM Desc: MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	79-01-6	01/09/17
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-69-4	01/09/17
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	10.0	10330363	EPA8260	108-05-4	01/09/17
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-01-4	01/09/17
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	1330-20-7	01/09/17
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10330363	EPA8260	156-59-2	01/09/17
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	10061-01-5	01/09/17
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	95-50-1	01/09/17
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	156-60-5	01/09/17
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	10061-02-6	01/09/17
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	110-57-6	01/09/17
Surr:1,2-Dichloroethane-d4 (50-170%)	111.27%		1.00	0.0100	0.0100	10330363	EPA8260		01/09/17
Surr:Bromofluorobenzene (50-170%)	110.60%		1.00	1.00	1.00	10330363	EPA8260	460-00-4	01/09/17
Surr:Toluene-d6 (50-170%)	102.10%		1.00	0.0100	0.0100	10330363	EPA8260		01/09/17
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10330465	EPA6020	7440-36-0	01/10/17
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-38-2	01/10/17
Barium	0.0107	mg/L	1.00	0.00200	0.00400	10330465	EPA6020	7440-39-3	01/10/17
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10330465	EPA6020	7440-41-7	01/10/17
Cadmium	0.000200 U	mg/L	1.00	0.000200	0.000400	10330465	EPA6020	7440-43-9	01/10/17
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-47-3	01/10/17
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-48-4	01/10/17
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-50-8	01/10/17
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7439-92-1	01/10/17
Nickel	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-02-0	01/10/17
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10330465	EPA6020	7782-49-2	01/10/17
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10330465	EPA6020	7440-22-4	01/10/17
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-28-0	01/10/17
Vanadium	0.00640	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-62-2	01/10/17
Zinc	0.0128 I	mg/L	1.00	0.0100	0.0200	10330465	EPA6020	7440-66-6	01/10/17

FLDOH: E83018 (Main Lab) FLDOH: E86562 (South Lab) FLDOH: E82405 (North Lab) FLDOH: E35834 (Keys Lab)

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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW7 Sampled: 01/05/17 09:10 AM Desc: MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Iron	0.895	mg/L	1.00	0.0100	0.0200	10330487	EPA6010	7439-89-6	01/10/17
Sodium	5.61	mg/L	1.00	0.500	1.00	10330487	EPA6010	7440-23-5	01/10/17
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10330607	EPA7470	7439-97-6	01/12/17
1,2,3-Trichloropropane	0.0201 U	ug/L	1.00	0.0201	0.0401	10330693	EPA8011	096-18-4	01/11/17
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0201	10330693	EPA8011	106-93-4	01/11/17
1,2-dibromo-3-chloropropane	0.0201 U	ug/L	1.00	0.0201	0.0401	10330693	EPA8011	96-12-8	01/11/17
Chloride	6.44 I	mg/L	1.00	4.00	8.00	10330885	SM4500-Cl E	16887-00-6	01/13/17
Field Ground Water Elevation	78.8	ft	1.00	-10.0	-10.0	10330961	FT1000		01/05/17
Field pH (units)	5.15	pH	1.00	0.0100	0.0200	10330962	FT1100	C006	01/05/17
Field Conductivity	90.0	umhos/cm	1.00	0.100	0.100	10330963	FT1200		01/05/17
Field Temp. (C)	22.1	oC	1.00	0.100	0.100	10330964	FT1400		01/05/17
Field DO	1.11	mg/L	1.00	0.100	0.100	10330965	FT1500		01/05/17
Field Turbidity	16.8	NTU	1.00	0.100	0.100	10330966	FT1600		01/05/17
Ammonia (as N)	0.147	mg/L	1.00	0.0100	0.0200	10331262	EPA350.1	7664-41-7	01/18/17

Lab #: 319849GW8 Sampled: 01/05/17 10:10 AM Desc: MW-12R/22931

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.189	mg/L	1.00	0.0100	0.0200	10330224	EPA353.2	14797-55-8	01/06/17 09:00 AM
TDS	340	mg/L	1.00	2.50	5.00	10330287	SM2540 C	10-33-3	01/06/17
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	630-20-6	01/09/17
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	71-55-6	01/09/17
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10330363	EPA8260	79-34-5	01/09/17
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	79-00-5	01/09/17
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-34-3	01/09/17
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-35-4	01/09/17
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10330363	EPA8260	107-06-2	01/09/17
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10330363	EPA8260	78-87-5	01/09/17
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	78-93-3	01/09/17
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	591-78-6	01/09/17



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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW8 Sampled: 01/05/17 10:10 AM Desc: MW-12R/22931

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10330363	EPA8260	67-64-1	01/09/17
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10330363	EPA8260	107-13-1	01/09/17
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	71-43-2	01/09/17
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10330363	EPA8260	074-97-5	01/09/17
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10330363	EPA8260	75-27-4	01/09/17
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-25-2	01/09/17
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	74-83-9	01/09/17
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	75-15-0	01/09/17
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	56-23-5	01/09/17
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	108-90-7	01/09/17
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-00-3	01/09/17
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	67-66-3	01/09/17
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	74-87-3	01/09/17
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10330363	EPA8260	124-48-1	01/09/17
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	074-95-3	01/09/17
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	100-41-4	01/09/17
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	074-88-4	01/09/17
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	108-10-1	01/09/17
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	75-09-2	01/09/17
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	106-46-7	01/09/17
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	100-42-5	01/09/17
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	127-18-4	01/09/17
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	108-88-3	01/09/17
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	79-01-6	01/09/17
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-69-4	01/09/17
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	10.0	10330363	EPA8260	108-05-4	01/09/17
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-01-4	01/09/17
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	1330-20-7	01/09/17
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10330363	EPA8260	156-59-2	01/09/17



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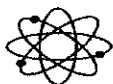
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PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW8 Sampled: 01/05/17 10:10 AM Desc: MW-12R/22931

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	10061-01-5	01/09/17
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	95-50-1	01/09/17
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	156-60-5	01/09/17
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	10061-02-6	01/09/17
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	110-57-6	01/09/17
Surr:1,2-Dichloroethane-d4 (50-170%)	107.37%		1.00	0.0100	0.0100	10330363	EPA8260		01/09/17
Surr:Bromofluorobenzene (50-170%)	103.73%		1.00	1.00	1.00	10330363	EPA8260	460-00-4	01/09/17
Surr:Toluene-d8 (50-170%)	97.37%		1.00	0.0100	0.0100	10330363	EPA8260		01/09/17
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10330465	EPA6020	7440-36-0	01/10/17
Arsenic	0.00430	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-38-2	01/10/17
Barium	0.00200 U	mg/L	1.00	0.00200	0.00400	10330465	EPA6020	7440-39-3	01/10/17
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10330465	EPA6020	7440-41-7	01/10/17
Cadmium	0.000200 U	mg/L	1.00	0.000200	0.000400	10330465	EPA6020	7440-43-9	01/10/17
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-47-3	01/10/17
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-48-4	01/10/17
Copper	0.00170 I	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-50-8	01/10/17
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7439-92-1	01/10/17
Nickel	0.00120 I	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-02-0	01/10/17
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10330465	EPA6020	7782-49-2	01/10/17
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10330465	EPA6020	7440-22-4	01/10/17
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-28-0	01/10/17
Vanadium	0.0161	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-62-2	01/10/17
Zinc	0.0122 I	mg/L	1.00	0.0100	0.0200	10330465	EPA6020	7440-66-6	01/10/17
Iron	0.0100 U	mg/L	1.00	0.0100	0.0200	10330487	EPA6010	7439-89-6	01/10/17
Sodium	8.18	mg/L	1.00	0.500	1.00	10330487	EPA6010	7440-23-5	01/10/17
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10330608	EPA7470	7439-97-6	01/12/17
1,2,3-Trichloropropane	0.0199 U	ug/L	0.997	0.0199	0.0399	10330693	EPA8011	096-18-4	01/11/17
1,2-Dibromoethane (EDB)	0.00997 U	ug/L	0.997	0.00997	0.0199	10330693	EPA8011	106-93-4	01/11/17
1,2-dibromo-3-chloropropane	0.0199 U	ug/L	0.997	0.0199	0.0399	10330693	EPA8011	96-12-8	01/11/17



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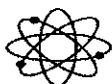
PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
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Lab #: 319849GW8 Sampled: 01/05/17 10:10 AM Desc: MW-12R/22931

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloride	14.4	mg/L	1.00	4.00	8.00	10330885	SM4500-Cl E	16887-00-6	01/13/17
Field Ground Water Elevation	79.2	ft	1.00	-10.0	-10.0	10330961	FT1000		01/05/17
Field pH (units)	6.73	pH	1.00	0.0100	0.0200	10330962	FT1100	C006	01/05/17
Field Conductivity	524	umhos/cm	1.00	0.100	0.100	10330963	FT1200		01/05/17
Field Temp. (C)	22.2	oC	1.00	0.100	0.100	10330964	FT1400		01/05/17
Field DO	1.81	mg/L	1.00	0.100	0.100	10330965	FT1500		01/05/17
Field Turbidity	1.72	NTU	1.00	0.100	0.100	10330966	FT1600		01/05/17
Ammonia (as N)	0.101	mg/L	1.00	0.0100	0.0200	10331262	EPA350.1	7664-41-7	01/18/17

Lab #: 319849GW9 Sampled: 01/04/17 12:00 AM Desc: Trip Blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	630-20-6	01/09/17
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	71-55-6	01/09/17
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10330376	EPA8260	79-34-5	01/09/17
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	79-00-5	01/09/17
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	75-34-3	01/09/17
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	75-35-4	01/09/17
1,1-Dichloropropene	0.200 U	ug/L	1.00	0.200	0.400	10330376	EPA8260	563-58-6	01/09/17
1,2,3-Trichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	87-61-6	01/09/17
1,2,3-Trichloropropane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	096-18-4	01/09/17
1,2,4-Trimethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	095-63-6	01/09/17
1,2,4-trichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	120-82-1	01/09/17
1,2-dibromo-3-chloropropane	0.100 U	ug/L	1.00	0.100	0.200	10330376	EPA8260	96-12-8	01/09/17
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10330376	EPA8260	107-06-2	01/09/17
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10330376	EPA8260	78-87-5	01/09/17
1,3,5-Trimethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	108-67-8	01/09/17
1,3-Dichloropropane	0.300 U	ug/L	1.00	0.300	0.600	10330376	EPA8260	142-28-9	01/09/17
2,2-Dichloropropane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	594-20-7	01/09/17
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	78-93-3	01/09/17



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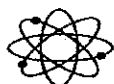
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Phone: 305-743-8598 E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW9 Sampled: 01/04/17 12:00 AM Desc: Trip Blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
2-Chlorotoluene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	095-49-8	01/09/17
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	591-78-6	01/09/17
2-chloroethylvinylether	0.500 U	ug/L	1.00	0.500	0.500	10330376	EPA8260	110-75-8	01/09/17
4-Chlorotoluene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	106-43-4	01/09/17
4-Isopropyltoluene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	527-84-4	01/09/17
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10330376	EPA8260	67-64-1	01/09/17
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	71-43-2	01/09/17
Bromobenzene	0.200 U	ug/L	1.00	0.200	0.400	10330376	EPA8260	108-86-1	01/09/17
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10330376	EPA8260	074-97-5	01/09/17
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10330376	EPA8260	75-27-4	01/09/17
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	75-25-2	01/09/17
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	74-83-9	01/09/17
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10330376	EPA8260	75-15-0	01/09/17
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	56-23-5	01/09/17
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	108-90-7	01/09/17
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	75-00-3	01/09/17
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	67-66-3	01/09/17
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	74-87-3	01/09/17
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10330376	EPA8260	124-48-1	01/09/17
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	074-95-3	01/09/17
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	75-71-8	01/09/17
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	100-41-4	01/09/17
Hexachlorobutadiene	0.400 U	ug/L	1.00	0.400	0.800	10330376	EPA8260	87-68-3	01/09/17
Hexachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	67-72-1	01/09/17
Isopropylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	98-82-8	01/09/17
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10330376	EPA8260	074-88-4	01/09/17
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10330376	EPA8260	108-10-1	01/09/17
Methyl-tert-butylether	1.00 U	ug/L	1.00	1.00	2.00	10330376	EPA8260	1634-04-4	01/09/17
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10330376	EPA8260	75-09-2	01/09/17



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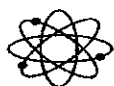
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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Lab #: 319849GW9 Sampled: 01/04/17 12:00 AM Desc: Trip Blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Naphthalene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	91-20-3	01/09/17
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	106-46-7	01/09/17
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	100-42-5	01/09/17
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	127-18-4	01/09/17
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	108-88-3	01/09/17
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	79-01-6	01/09/17
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	75-69-4	01/09/17
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	10.0	10330376	EPA8260	108-05-4	01/09/17
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	75-01-4	01/09/17
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	1330-20-7	01/09/17
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10330376	EPA8260	156-59-2	01/09/17
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	10061-01-5	01/09/17
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	541-73-1	01/09/17
n-Propylbenzene	0.200 U	ug/L	1.00	0.200	0.400	10330376	EPA8260	103-65-1	01/09/17
n-butylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	104-51-8	01/09/17
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	95-50-1	01/09/17
sec-butylbenzene	0.200 U	ug/L	1.00	0.200	0.400	10330376	EPA8260	135-98-8	01/09/17
tert-butylbenzene	0.400 U	ug/L	1.00	0.400	0.800	10330376	EPA8260	098-06-6	01/09/17
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	156-60-5	01/09/17
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	10061-02-6	01/09/17
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10330376	EPA8260	110-57-6	01/09/17
Surr:1,2-Dichloroethane-d4 (50-170%)	111.37%		1.00	0.0100	0.0100	10330376	EPA8260		01/09/17
Surr:Bromofluorobenzene (50-170%)	113.70%		1.00	1.00	1.00	10330376	EPA8260	460-00-4	01/09/17
Surr:Toluene-d8 (50-170%)	104.53%		1.00	0.0100	0.0100	10330376	EPA8260		01/09/17



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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Quality Report

Quality Control Batch: 10330224

Analyst: PCW

Blank	Result	Units
Nitrate(as N)	0.0100U	mg/L

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Nitrate(as N)	1.08	mg/L	1.00	108.00	85.00-115.00

Quality Control Batch: 10330287

Analyst: PLB

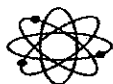
Blank	Result	Units
TDS	2.50U	mg/L

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
TDS	1500	mg/L	1500	100.13	50.00-150.00

Quality Control Batch: 10330363

Analyst: CTH

Blank	Result	Units
1,1,1,2-Tetrachloroethane	0.500U	ug/L
1,1,1-Trichloroethane	0.500U	ug/L
1,1,2,2-Tetrachloroethane	0.100U	ug/L
1,1,2-Trichloroethane	0.500U	ug/L
1,1-Dichloroethane	0.500U	ug/L
1,1-Dichloroethene	0.500U	ug/L
1,2-dichloroethane	0.500U	ug/L
1,2-dichloropropane	0.200U	ug/L
2-Butanone (MEK)	0.500U	ug/L
2-Hexanone	0.500U	ug/L
Acetone	5.00U	ug/L



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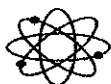
Quality Control Batch: 10330363

Analyst: CTH

Blank	Result	Units
Acrylonitrile	0.300U	ug/L
Benzene	0.500U	ug/L
Bromochloromethane	0.100U	ug/L
Bromodichloromethane	0.100U	ug/L
Bromoform	0.500U	ug/L
Bromomethane	0.500U	ug/L
Carbon Disulfide	1.00U	ug/L
Carbon Tetrachloride	0.500U	ug/L
Chlorobenzene	0.500U	ug/L
Chloroethane	0.500U	ug/L
Chloroform	0.500U	ug/L
Chloromethane	0.500U	ug/L
Dibromochloromethane	0.400U	ug/L
Dibromomethane	0.500U	ug/L
Ethylbenzene	0.500U	ug/L
Methyl Iodide	1.00U	ug/L
Methyl isobutyl ketone	1.00U	ug/L
Methylene chloride	1.00U	ug/L
Para-dichlorobenzene	0.500U	ug/L
Styrene	0.500U	ug/L
Tetrachloroethene	0.500U	ug/L
Toluene	0.500U	ug/L
Trichloroethene	0.500U	ug/L
Trichlorofluoromethane	0.500U	ug/L
Vinyl Acetate	10.0U	ug/L
Vinyl chloride	0.500U	ug/L
Xylenes	0.500U	ug/L
cis-1,2-dichloroethene	0.200U	ug/L
cis-1,3-Dichloropropene	0.500U	ug/L

FLDOH: E83018 (Main Lab) FLDOH: E86562 (South Lab) FLDOH: E82405 (North Lab) FLDOH: E35834 (Keys Lab)

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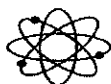
PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Quality Control Batch: 10330363

Analyst: CTH

Blank	Result	Units
o-dichlorobenzene	0.500U	ug/L
trans-1,2-dichloroethene	0.500U	ug/L
trans-1,3,-Dichloropropene	0.500U	ug/L
trans-1,4-dichloro-2-butene	1.00U	ug/L
Surr:1,2-Dichloroethane-d4	32.7	ug/L
Surr:Bromofluorobenzene	31.5	ug/L
Surr:Toluene-d8	30.8	ug/L

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
1,1,1,2-Tetrachloroethane	40.9	ug/L	40.0	102.28	50.00-170.00
1,1,1-Trichloroethane	38.7	ug/L	40.0	96.75	50.00-170.00
1,1,2,2-Tetrachloroethane	36.2	ug/L	40.0	90.57	50.00-170.00
1,1,2-Trichloroethane	36.3	ug/L	40.0	90.80	50.00-170.00
1,1-Dichloroethane	29.6	ug/L	40.0	73.98	50.00-170.00
1,1-Dichloroethene	34.2	ug/L	40.0	85.40	50.00-170.00
1,2-dichloroethane	39.5	ug/L	40.0	98.80	50.00-170.00
1,2-dichloropropane	37.8	ug/L	40.0	94.50	50.00-170.00
2-Butanone (MEK)	26.3	ug/L	40.0	65.75	50.00-170.00
2-Hexanone	39.5	ug/L	40.0	98.77	50.00-170.00
Acetone	22.3	ug/L	40.0	55.73	50.00-170.00
Acrylonitrile	28.3	ug/L	40.0	70.82	50.00-170.00
Benzene	39.5	ug/L	40.0	98.73	50.00-170.00
Bromochloromethane	33.0	ug/L	40.0	82.52	50.00-170.00
Bromodichloromethane	39.1	ug/L	40.0	97.70	50.00-170.00
Bromoform	31.4	ug/L	40.0	78.45	50.00-170.00
Bromomethane	39.9	ug/L	40.0	99.80	50.00-170.00
Carbon Disulfide	36.9	ug/L	40.0	92.33	50.00-170.00
Carbon Tetrachloride	43.1	ug/L	40.0	107.62	50.00-170.00
Chlorobenzene	40.8	ug/L	40.0	101.90	50.00-170.00



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PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Quality Control Batch: 10330363

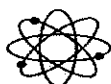
Analyst: CTH

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
Chloroethane	40.3 ug/L	40.0	100.70	50.00-170.00
Chloroform	37.5 ug/L	40.0	93.65	50.00-170.00
Chloromethane	35.3 ug/L	40.0	88.12	50.00-170.00
Dibromochloromethane	37.9 ug/L	40.0	94.77	50.00-170.00
Dibromomethane	33.4 ug/L	40.0	83.57	50.00-170.00
Ethylbenzene	38.3 ug/L	40.0	95.78	50.00-170.00
Methyl iodide	35.4 ug/L	40.0	88.47	50.00-170.00
Methyl isobutyl ketone	36.5 ug/L	40.0	91.25	50.00-170.00
Methylene chloride	35.6 ug/L	40.0	89.08	50.00-170.00
Para-dichlorobenzene	41.1 ug/L	40.0	102.70	50.00-170.00
Styrene	41.5 ug/L	40.0	103.73	50.00-170.00
Tetrachloroethene	39.1 ug/L	40.0	97.65	50.00-170.00
Toluene	41.5 ug/L	40.0	103.82	50.00-170.00
Trichloroethene	41.1 ug/L	40.0	102.73	50.00-170.00
Trichlorofluoromethane	39.9 ug/L	40.0	99.68	50.00-170.00
Vinyl chloride	39.8 ug/L	40.0	99.53	50.00-170.00
Xylenes	115 ug/L	120	96.18	50.00-170.00
cis-1,2-dichloroethene	35.8 ug/L	40.0	89.60	50.00-170.00
cis-1,3-Dichloropropene	35.3 ug/L	40.0	88.20	50.00-170.00
o-dichlorobenzene	35.6 ug/L	40.0	89.10	50.00-170.00
trans-1,2-dichloroethene	38.0 ug/L	40.0	95.07	50.00-170.00
trans-1,3,-Dichloropropene	41.4 ug/L	40.0	103.52	50.00-170.00
Surr:1,2-Dichloroethane-d4	30.4 ug/L	30.0	101.23	50.00-170.00
Surr:Bromofluorobenzene	27.9 ug/L	30.0	92.87	50.00-170.00
Surr:Toluene-d8	29.9 ug/L	30.0	99.80	50.00-170.00

Matrix Spike

Result	Units	Spike	%REC	%REC Lim	Sample
1,1,1,2-Tetrachloroethane	17.5 ug/L	20.0	87.40	50.00-170.00	0.500U
1,1,1-Trichloroethane	16.5 ug/L	20.0	82.30	50.00-170.00	0.500U



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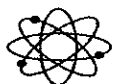
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PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Quality Control Batch: 10330363

Analyst: CTH

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
1,1,2,2-Tetrachloroethane	16.0	ug/L	20.0	79.75	50.00-170.00	0.100U
1,1,2-Trichloroethane	15.9	ug/L	20.0	79.60	50.00-170.00	0.500U
1,1-Dichloroethane	14.7	ug/L	20.0	73.35	50.00-170.00	0.500U
1,1-Dichloroethene	17.2	ug/L	20.0	85.90	50.00-170.00	0.500U
1,2-dichloroethane	18.4	ug/L	20.0	91.85	50.00-170.00	0.500U
1,2-dichloropropane	17.1	ug/L	20.0	85.55	50.00-170.00	0.200U
2-Butanone (MEK)	15.7	ug/L	20.0	78.55	50.00-170.00	0.500U
2-Hexanone	18.3	ug/L	20.0	91.30	50.00-170.00	0.500U
Acetone	19.8	ug/L	20.0	98.90	50.00-170.00	5.00U
Acrylonitrile	15.3	ug/L	20.0	76.70	50.00-170.00	0.300U
Benzene	17.5	ug/L	20.0	87.65	50.00-170.00	0.500U
Bromochloromethane	15.7	ug/L	20.0	78.35	50.00-170.00	0.100U
Bromodichloromethane	18.2	ug/L	20.0	90.80	50.00-170.00	0.100U
Bromoform	13.9	ug/L	20.0	69.70	50.00-170.00	0.500U
Bromomethane	19.3	ug/L	20.0	96.55	50.00-170.00	0.500U
Carbon Tetrachloride	18.6	ug/L	20.0	92.90	50.00-170.00	0.500U
Chlorobenzene	17.9	ug/L	20.0	89.25	50.00-170.00	0.500U
Chloroethane	19.6	ug/L	20.0	97.95	50.00-170.00	0.500U
Chloroform	17.6	ug/L	20.0	87.80	50.00-170.00	0.500U
Chloromethane	17.7	ug/L	20.0	88.40	50.00-170.00	0.500U
Dibromochloromethane	16.9	ug/L	20.0	84.60	50.00-170.00	0.400U
Dibromomethane	16.4	ug/L	20.0	81.80	50.00-170.00	0.500U
Ethylbenzene	16.6	ug/L	20.0	83.10	50.00-170.00	0.500U
Methyl Iodide	16.9	ug/L	20.0	84.60	50.00-170.00	1.00U
Methyl isobutyl ketone	18.4	ug/L	20.0	91.85	50.00-170.00	1.00U
Methylene chloride	17.5	ug/L	20.0	87.50	50.00-170.00	1.00U
Para-dichlorobenzene	17.5	ug/L	20.0	87.30	50.00-170.00	0.500U
Styrene	17.8	ug/L	20.0	89.15	50.00-170.00	0.500U
Tetrachloroethene	16.0	ug/L	20.0	80.00	50.00-170.00	0.500U



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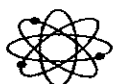
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Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Quality Control Batch: 10330363

Analyst: CTH

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
Toluene	17.4	ug/L	20.0	86.90	50.00-170.00	0.500U
Trichloroethene	18.3	ug/L	20.0	91.70	50.00-170.00	0.500U
Trichlorofluoromethane	19.5	ug/L	20.0	97.35	50.00-170.00	0.500U
Vinyl chloride	17.3	ug/L	20.0	86.25	50.00-170.00	0.500U
Xylenes	50.0	ug/L	60.0	83.27	50.00-170.00	0.500U
cis-1,2-dichloroethene	17.3	ug/L	20.0	86.35	50.00-170.00	0.200U
cis-1,3-Dichloropropene	16.3	ug/L	20.0	81.55	50.00-170.00	0.500U
o-dichlorobenzene	15.6	ug/L	20.0	77.95	50.00-170.00	0.500U
trans-1,2-dichloroethene	18.1	ug/L	20.0	90.25	50.00-170.00	0.500U
trans-1,3,-Dichloropropene	17.2	ug/L	20.0	85.80	50.00-170.00	0.500U
Surr:1,2-Dichloroethane-d4	33.6	ug/L	30.0	112.00	50.00-170.00	
Surr:Bromofluorobenzene	29.5	ug/L	30.0	98.30	50.00-170.00	
Surr:Toluene-d8	31.2	ug/L	30.0	104.07	50.00-170.00	

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
1,1,1,2-Tetrachloroethane	24.3	ug/L	20.0	121.55	50.00-170.00	0.500U	32.69	30.00
1,1,1-Trichloroethane	21.4	ug/L	20.0	107.00	50.00-170.00	0.500U	26.10	30.00
1,1,2,2-Tetrachloroethane	21.1	ug/L	20.0	105.60	50.00-170.00	0.100U	27.89	30.00
1,1,2-Trichloroethane	21.6	ug/L	20.0	108.05	50.00-170.00	0.500U	30.32	30.00
1,1-Dichloroethane	18.8	ug/L	20.0	93.80	50.00-170.00	0.500U	24.47	30.00
1,1-Dichloroethene	21.1	ug/L	20.0	105.30	50.00-170.00	0.500U	20.29	30.00
1,2-dichloroethane	25.0	ug/L	20.0	125.00	50.00-170.00	0.500U	30.57	30.00
1,2-dichloropropane	23.5	ug/L	20.0	117.60	50.00-170.00	0.200U	31.55	30.00
2-Butanone (MEK)	17.6	ug/L	20.0	87.75	50.00-170.00	0.500U	11.06	30.00
2-Hexanone	21.3	ug/L	20.0	106.50	50.00-170.00	0.500U	15.37	30.00
Acetone	18.1	ug/L	20.0	90.55	50.00-170.00	5.00U	8.81	30.00
Acrylonitrile	18.3	ug/L	20.0	91.45	50.00-170.00	0.300U	17.54	30.00
Benzene	23.6	ug/L	20.0	117.75	50.00-170.00	0.500U	29.31	30.00
Bromochloromethane	20.2	ug/L	20.0	100.80	50.00-170.00	0.100U	25.06	30.00



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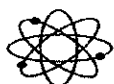
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Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Quality Control Batch: 10330363

Analyst: CTH

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Bromodichloromethane	24.5	ug/L	20.0	122.45	50.00-170.00	0.100U	29.68	30.00
Bromoform	23.4	ug/L	20.0	116.75	50.00-170.00	0.500U	50.47	30.00
Bromomethane	24.6	ug/L	20.0	123.10	50.00-170.00	0.500U	24.17	30.00
Carbon Tetrachloride	24.3	ug/L	20.0	121.25	50.00-170.00	0.500U	26.48	30.00
Chlorobenzene	24.1	ug/L	20.0	120.70	50.00-170.00	0.500U	29.96	30.00
Chloroethane	24.4	ug/L	20.0	121.80	50.00-170.00	0.500U	21.71	30.00
Chloroform	23.5	ug/L	20.0	117.40	50.00-170.00	0.500U	28.85	30.00
Chloromethane	21.9	ug/L	20.0	109.35	50.00-170.00	0.500U	21.19	30.00
Dibromochloromethane	25.7	ug/L	20.0	128.45	50.00-170.00	0.400U	41.16	30.00
Dibromomethane	20.6	ug/L	20.0	102.90	50.00-170.00	0.500U	22.85	30.00
Ethylbenzene	22.2	ug/L	20.0	111.05	50.00-170.00	0.500U	28.79	30.00
Methyl Iodide	22.4	ug/L	20.0	111.85	50.00-170.00	1.00U	27.74	30.00
Methyl isobutyl ketone	21.2	ug/L	20.0	106.15	50.00-170.00	1.00U	14.44	30.00
Methylene chloride	22.8	ug/L	20.0	113.75	50.00-170.00	1.00U	26.09	30.00
Para-dichlorobenzene	23.9	ug/L	20.0	119.65	50.00-170.00	0.500U	31.26	30.00
Styrene	23.8	ug/L	20.0	118.85	50.00-170.00	0.500U	28.56	30.00
Tetrachloroethene	21.1	ug/L	20.0	105.60	50.00-170.00	0.500U	27.59	30.00
Toluene	24.7	ug/L	20.0	123.60	50.00-170.00	0.500U	34.87	30.00
Trichloroethene	23.4	ug/L	20.0	116.95	50.00-170.00	0.500U	24.20	30.00
Trichlorofluoromethane	22.9	ug/L	20.0	114.40	50.00-170.00	0.500U	16.10	30.00
Vinyl chloride	22.0	ug/L	20.0	110.00	50.00-170.00	0.500U	24.20	30.00
Xylenes	66.7	ug/L	60.0	111.20	50.00-170.00	0.500U	28.73	30.00
cis-1,2-dichloroethene	22.6	ug/L	20.0	113.15	50.00-170.00	0.200U	26.87	30.00
cis-1,3-Dichloropropene	20.3	ug/L	20.0	101.60	50.00-170.00	0.500U	21.89	30.00
o-dichlorobenzene	20.9	ug/L	20.0	104.45	50.00-170.00	0.500U	29.06	30.00
trans-1,2-dichloroethene	24.2	ug/L	20.0	120.90	50.00-170.00	0.500U	29.03	30.00
trans-1,3,-Dichloropropene	23.6	ug/L	20.0	117.80	50.00-170.00	0.500U	31.43	30.00
Surr:1,2-Dichloroethane-d4	31.8	ug/L	30.0	106.10	50.00-170.00		5.41	30.00
Surr:Bromofluorobenzene	27.7	ug/L	30.0	92.23	50.00-170.00		6.37	30.00



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Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Quality Control Batch: 10330363

Analyst: CTH

Matrix Spike Duplicate

Surr: Toluene-d8

Result

Units

Spike

%REC

%REC Lim

Sample

RPD

RPD Lim

30.2

ug/L

30.0

100.67

50.00-170.00

3.32

30.00

Quality Control Batch: 10330376

Analyst: CTH

Blank

Result

Units

1,1,1,2-Tetrachloroethane

0.500U

ug/L

1,1,1-Trichloroethane

0.500U

ug/L

1,1,2,2-Tetrachloroethane

0.100U

ug/L

1,1,2-Trichloroethane

0.500U

ug/L

1,1-Dichloroethane

0.500U

ug/L

1,1-Dichloroethene

0.500U

ug/L

1,1-Dichloropropene

0.200U

ug/L

1,2,3-Trichlorobenzene

0.500U

ug/L

1,2,3-Trichloropropane

0.500U

ug/L

1,2,4-Trimethylbenzene

0.500U

ug/L

1,2,4-trichlorobenzene

0.500U

ug/L

1,2-dibromo-3-chloropropane

0.100U

ug/L

1,2-dichloroethane

0.500U

ug/L

1,2-dichloropropane

0.200U

ug/L

1,3,5-Trimethylbenzene

0.500U

ug/L

1,3-Dichloropropane

0.300U

ug/L

2,2-Dichloropropane

0.500U

ug/L

2-Butanone (MEK)

0.500U

ug/L

2-Chlorotoluene

0.500U

ug/L

2-Hexanone

0.500U

ug/L

2-chloroethylvinylether

0.500U

ug/L

4-Chlorotoluene

0.500U

ug/L

4-Isopropyltoluene

0.500U

ug/L

Acetone

5.00U

ug/L

Benzene

0.500U

ug/L



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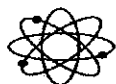
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Analyst: CTH

Blank	Result	Units
Bromobenzene	0.200U	ug/L
Bromochloromethane	0.100U	ug/L
Bromodichloromethane	0.100U	ug/L
Bromoform	0.500U	ug/L
Bromomethane	0.500U	ug/L
Carbon Disulfide	1.00U	ug/L
Carbon Tetrachloride	0.500U	ug/L
Chlorobenzene	0.500U	ug/L
Chloroethane	0.500U	ug/L
Chloroform	0.500U	ug/L
Chloromethane	0.500U	ug/L
Dibromochloromethane	0.400U	ug/L
Dibromomethane	0.500U	ug/L
Dichlorodifluoromethane	0.500U	ug/L
Ethylbenzene	0.500U	ug/L
Hexachlorobutadiene	0.400U	ug/L
Hexachloroethane	0.500U	ug/L
Isopropylbenzene	0.500U	ug/L
Methyl Iodide	1.00U	ug/L
Methyl isobutyl ketone	1.00U	ug/L
Methyl-tert-butylether	1.00U	ug/L
Methylene chloride	1.00U	ug/L
Naphthalene	0.500U	ug/L
Para-dichlorobenzene	0.500U	ug/L
Styrene	0.500U	ug/L
Tetrachloroethene	0.500U	ug/L
Toluene	0.500U	ug/L
Trichloroethene	0.500U	ug/L
Trichlorofluoromethane	0.500U	ug/L



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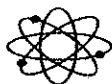
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Analyst: CTH

Blank	Result	Units
Vinyl Acetate	10.0U	ug/L
Vinyl chloride	0.500U	ug/L
Xylenes	0.500U	ug/L
cis-1,2-dichloroethene	0.200U	ug/L
cis-1,3-Dichloropropene	0.500U	ug/L
m-dichlorobenzene	0.500U	ug/L
n-Propylbenzene	0.200U	ug/L
n-butylbenzene	0.500U	ug/L
o-dichlorobenzene	0.500U	ug/L
sec-butylbenzene	0.200U	ug/L
tert-butylbenzene	0.400U	ug/L
trans-1,2-dichloroethene	0.500U	ug/L
trans-1,3,-Dichloropropene	0.500U	ug/L
trans-1,4-dichloro-2-butene	1.00U	ug/L
Surr:1,2-Dichloroethane-d4	32.7	ug/L
Surr:Bromofluorobenzene	31.5	ug/L
Surr:Toluene-d8	30.8	ug/L

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
1,1,1,2-Tetrachloroethane	40.9	ug/L	40.0	102.28	50.00-170.00
1,1,1-Trichloroethane	38.7	ug/L	40.0	96.75	50.00-170.00
1,1,2,2-Tetrachloroethane	36.2	ug/L	40.0	90.57	50.00-170.00
1,1,2-Trichloroethane	36.3	ug/L	40.0	90.80	50.00-170.00
1,1-Dichloroethane	29.6	ug/L	40.0	73.98	50.00-170.00
1,1-Dichloroethene	34.2	ug/L	40.0	85.40	50.00-170.00
1,1-Dichloropropene	38.1	ug/L	40.0	95.22	50.00-170.00
1,2,3-Trichlorobenzene	43.5	ug/L	40.0	108.80	50.00-170.00
1,2,3-Trichloropropane	33.6	ug/L	40.0	83.97	50.00-170.00
1,2,4-Trimethylbenzene	46.2	ug/L	40.0	115.55	50.00-170.00



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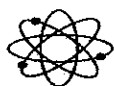
PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Quality Control Batch: 10330376

Analyst: CTH

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
1,2,4-Trichlorobenzene	ug/L	40.0	108.05	50.00-170.00
1,2-dibromo-3-chloropropane	ug/L	40.0	102.62	50.00-170.00
1,2-dichloroethane	ug/L	40.0	98.80	50.00-170.00
1,2-dichloropropane	ug/L	40.0	94.50	50.00-170.00
1,3,5-Trimethylbenzene	ug/L	40.0	96.40	50.00-170.00
1,3-Dichloropropane	ug/L	40.0	96.18	50.00-170.00
2,2-Dichloropropane	ug/L	40.0	128.40	50.00-170.00
2-Butanone (MEK)	ug/L	40.0	65.75	50.00-170.00
2-Chlorotoluene	ug/L	40.0	103.45	50.00-170.00
2-Hexanone	ug/L	40.0	98.77	50.00-170.00
4-Chlorotoluene	ug/L	40.0	104.22	50.00-170.00
4-Isopropyltoluene	ug/L	40.0	122.85	50.00-170.00
Acetone	ug/L	40.0	55.73	50.00-170.00
Benzene	ug/L	40.0	98.73	50.00-170.00
Bromobenzene	ug/L	40.0	102.55	50.00-170.00
Bromochloromethane	ug/L	40.0	82.52	50.00-170.00
Bromodichloromethane	ug/L	40.0	97.70	50.00-170.00
Bromoform	ug/L	40.0	78.45	50.00-170.00
Bromomethane	ug/L	40.0	99.80	50.00-170.00
Carbon Disulfide	ug/L	40.0	92.33	50.00-170.00
Carbon Tetrachloride	ug/L	40.0	107.62	50.00-170.00
Chlorobenzene	ug/L	40.0	101.90	50.00-170.00
Chloroethane	ug/L	40.0	100.70	50.00-170.00
Chloroform	ug/L	40.0	93.65	50.00-170.00
Chloromethane	ug/L	40.0	88.12	50.00-170.00
Dibromochloromethane	ug/L	40.0	94.77	50.00-170.00
Dibromomethane	ug/L	40.0	83.57	50.00-170.00
Dichlorodifluoromethane	ug/L	40.0	101.30	50.00-170.00
Ethylbenzene	ug/L	40.0	95.78	50.00-170.00



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3980 Overseas Hwy, Suite 103, Marathon, FL 33050

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Phone: 850-973-6878 E82405 (North Lab)
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Atkins-Tampa
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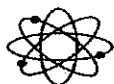
PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Quality Control Batch: 10330376

Analyst: CTH

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
Hexachlorobutadiene	41.8 ug/L	40.0	104.50	50.00-170.00
Hexachloroethane	39.1 ug/L	40.0	97.68	20.00-160.00
Isopropylbenzene	39.4 ug/L	40.0	98.53	50.00-170.00
Methyl iodide	35.4 ug/L	40.0	88.47	50.00-170.00
Methyl isobutyl ketone	36.5 ug/L	40.0	91.25	50.00-170.00
Methyl-tert-butylether	36.8 ug/L	40.0	92.08	50.00-170.00
Methylene chloride	35.6 ug/L	40.0	89.08	50.00-170.00
Naphthalene	39.0 ug/L	40.0	97.45	50.00-170.00
Para-dichlorobenzene	41.1 ug/L	40.0	102.70	50.00-170.00
Styrene	41.5 ug/L	40.0	103.73	50.00-170.00
Tetrachloroethene	39.1 ug/L	40.0	97.65	50.00-170.00
Toluene	41.5 ug/L	40.0	103.82	50.00-170.00
Trichloroethene	41.1 ug/L	40.0	102.73	50.00-170.00
Trichlorofluoromethane	39.9 ug/L	40.0	99.68	50.00-170.00
Vinyl chloride	39.8 ug/L	40.0	99.53	50.00-170.00
Xylenes	115 ug/L	120	96.18	50.00-170.00
cis-1,2-dichloroethene	35.8 ug/L	40.0	89.60	50.00-170.00
cis-1,3-Dichloropropene	35.3 ug/L	40.0	88.20	50.00-170.00
m-dichlorobenzene	40.7 ug/L	40.0	101.62	50.00-170.00
n-Propylbenzene	38.0 ug/L	40.0	95.07	50.00-170.00
n-butylbenzene	55.0 ug/L	40.0	137.43	50.00-170.00
o-dichlorobenzene	35.6 ug/L	40.0	89.10	50.00-170.00
sec-butylbenzene	45.0 ug/L	40.0	112.45	50.00-170.00
tert-butylbenzene	35.5 ug/L	40.0	88.80	50.00-170.00
trans-1,2-dichloroethene	38.0 ug/L	40.0	95.07	50.00-170.00
trans-1,3,-Dichloropropene	41.4 ug/L	40.0	103.52	50.00-170.00
Surr:1,2-Dichloroethane-d4	30.4 ug/L	30.0	101.23	50.00-170.00
Surr:Bromofluorobenzene	27.9 ug/L	30.0	92.87	50.00-170.00
Surr:Toluene-d8	29.9 ug/L	30.0	99.80	50.00-170.00



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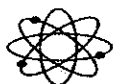
Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Quality Control Batch: 10330376

Analyst: CTH

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
1,1,1,2-Tetrachloroethane	17.5	ug/L	20.0	87.40	50.00-170.00	0.500U
1,1,1-Trichloroethane	16.5	ug/L	20.0	82.30	50.00-170.00	0.500U
1,1,2,2-Tetrachloroethane	16.0	ug/L	20.0	79.75	50.00-170.00	0.100U
1,1,2-Trichloroethane	15.9	ug/L	20.0	79.60	50.00-170.00	0.500U
1,1-Dichloroethane	14.7	ug/L	20.0	73.35	50.00-170.00	0.500U
1,1-Dichloroethene	17.2	ug/L	20.0	85.90	50.00-170.00	0.500U
1,1-Dichloropropene	16.3	ug/L	20.0	81.55	50.00-170.00	0.200U
1,2,3-Trichlorobenzene	16.2	ug/L	20.0	81.20	50.00-170.00	0.500U
1,2,3-Trichloropropane	15.6	ug/L	20.0	77.85	50.00-170.00	0.500U
1,2,4-Trimethylbenzene	19.0	ug/L	20.0	95.15	50.00-170.00	0.500U
1,2,4-trichlorobenzene	15.5	ug/L	20.0	77.55	50.00-170.00	0.500U
1,2-dibromo-3-chloropropane	18.1	ug/L	20.0	90.60	50.00-170.00	0.100U
1,2-dichloroethane	18.4	ug/L	20.0	91.85	50.00-170.00	0.500U
1,2-dichloropropane	17.1	ug/L	20.0	85.55	50.00-170.00	0.200U
1,3,5-Trimethylbenzene	17.4	ug/L	20.0	86.85	50.00-170.00	0.500U
1,3-Dichloropropane	16.5	ug/L	20.0	82.30	50.00-170.00	0.300U
2,2-Dichloropropane	21.5	ug/L	20.0	107.30	50.00-170.00	0.500U
2-Butanone (MEK)	15.7	ug/L	20.0	78.55	50.00-170.00	0.500U
2-Chlorotoluene	18.5	ug/L	20.0	92.50	50.00-170.00	0.500U
2-Hexanone	18.3	ug/L	20.0	91.30	50.00-170.00	0.500U
4-Chlorotoluene	18.1	ug/L	20.0	90.25	50.00-170.00	0.500U
4-Isopropyltoluene	19.7	ug/L	20.0	98.55	50.00-170.00	0.500U
Acetone	19.8	ug/L	20.0	98.90	50.00-170.00	5.00U
Benzene	17.5	ug/L	20.0	87.65	50.00-170.00	0.500U
Bromobenzene	18.1	ug/L	20.0	90.25	50.00-170.00	0.200U
Bromochloromethane	15.7	ug/L	20.0	78.35	50.00-170.00	0.100U
Bromodichloromethane	18.2	ug/L	20.0	90.80	50.00-170.00	0.100U
Bromoform	13.9	ug/L	20.0	69.70	50.00-170.00	0.500U
Bromomethane	19.3	ug/L	20.0	96.55	50.00-170.00	0.500U



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Phone: 305-743-8598

E83018 (Main Lab)
E86562 (South Lab)
E82405 (North Lab)
E35834 (Keys Lab)

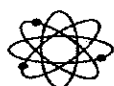
Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Quality Control Batch: 10330376

Analyst: CTH

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
Carbon Tetrachloride	18.6	ug/L	20.0	92.90	50.00-170.00	0.500U
Chlorobenzene	17.9	ug/L	20.0	89.25	50.00-170.00	0.500U
Chloroethane	19.6	ug/L	20.0	97.95	50.00-170.00	0.500U
Chloroform	17.6	ug/L	20.0	87.80	50.00-170.00	0.500U
Chloromethane	17.7	ug/L	20.0	88.40	50.00-170.00	0.500U
Dibromochloromethane	16.9	ug/L	20.0	84.60	50.00-170.00	0.400U
Dibromomethane	16.4	ug/L	20.0	81.80	50.00-170.00	0.500U
Dichlorodifluoromethane	29.4	ug/L	20.0	147.10	50.00-170.00	0.500U
Ethylbenzene	16.6	ug/L	20.0	83.10	50.00-170.00	0.500U
Hexachlorobutadiene	19.3	ug/L	20.0	96.25	50.00-170.00	0.400U
Hexachloroethane	18.2	ug/L	20.0	90.95	20.00-160.00	0.500U
Isopropylbenzene	16.7	ug/L	20.0	83.45	50.00-170.00	0.500U
Methyl Iodide	16.9	ug/L	20.0	84.60	50.00-170.00	1.00U
Methyl isobutyl ketone	18.4	ug/L	20.0	91.85	50.00-170.00	1.00U
Methyl-tert-butylether	16.4	ug/L	20.0	81.85	50.00-170.00	1.00U
Methylene chloride	17.5	ug/L	20.0	87.50	50.00-170.00	1.00U
Naphthalene	14.5	ug/L	20.0	72.65	50.00-170.00	0.500U
Para-dichlorobenzene	17.5	ug/L	20.0	87.30	50.00-170.00	0.500U
Styrene	17.8	ug/L	20.0	89.15	50.00-170.00	0.500U
Tetrachloroethene	16.0	ug/L	20.0	80.00	50.00-170.00	0.500U
Toluene	17.4	ug/L	20.0	86.90	50.00-170.00	0.500U
Trichloroethene	18.3	ug/L	20.0	91.70	50.00-170.00	0.500U
Trichlorofluoromethane	19.5	ug/L	20.0	97.35	50.00-170.00	0.500U
Vinyl chloride	17.3	ug/L	20.0	86.25	50.00-170.00	0.500U
Xylenes	50.0	ug/L	60.0	83.27	50.00-170.00	0.500U
cis-1,2-dichloroethene	17.3	ug/L	20.0	86.35	50.00-170.00	0.200U
cis-1,3-Dichloropropene	16.3	ug/L	20.0	81.55	50.00-170.00	0.500U
m-dichlorobenzene	17.7	ug/L	20.0	88.25	50.00-170.00	0.500U
n-Propylbenzene	17.7	ug/L	20.0	88.35	50.00-170.00	0.200U



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PO #: 100053538
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Quality Control Batch: 10330376

Analyst: CTH

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
n-butylbenzene	18.5	ug/L	20.0	92.55	50.00-170.00	0.500U
o-dichlorobenzene	15.6	ug/L	20.0	77.95	50.00-170.00	0.500U
sec-butylbenzene	20.5	ug/L	20.0	102.55	50.00-170.00	0.200U
tert-butylbenzene	18.8	ug/L	20.0	93.75	50.00-170.00	0.400U
trans-1,2-dichloroethene	18.1	ug/L	20.0	90.25	50.00-170.00	0.500U
trans-1,3-Dichloropropene	17.2	ug/L	20.0	85.80	50.00-170.00	0.500U
Surr:1,2-Dichloroethane-d4	33.6	ug/L	30.0	112.00	50.00-170.00	
Surr:Bromofluorobenzene	29.5	ug/L	30.0	98.30	50.00-170.00	
Surr:Toluene-d8	31.2	ug/L	30.0	104.07	50.00-170.00	

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
1,1,1,2-Tetrachloroethane	24.3	ug/L	20.0	121.55	50.00-170.00	0.500U	32.69	30.00
1,1,1-Trichloroethane	21.4	ug/L	20.0	107.00	50.00-170.00	0.500U	26.10	30.00
1,1,2,2-Tetrachloroethane	21.1	ug/L	20.0	105.60	50.00-170.00	0.100U	27.89	30.00
1,1,2-Trichloroethane	21.6	ug/L	20.0	108.05	50.00-170.00	0.500U	30.32	30.00
1,1-Dichloroethane	18.8	ug/L	20.0	93.80	50.00-170.00	0.500U	24.47	30.00
1,1-Dichloroethene	21.1	ug/L	20.0	105.30	50.00-170.00	0.500U	20.29	30.00
1,1-Dichloropropene	21.1	ug/L	20.0	105.25	50.00-170.00	0.200U	25.37	30.00
1,2,3-Trichlorobenzene	19.9	ug/L	20.0	99.50	50.00-170.00	0.500U	20.25	30.00
1,2,3-Trichloropropane	19.7	ug/L	20.0	98.30	50.00-170.00	0.500U	23.22	30.00
1,2,4-Trimethylbenzene	25.9	ug/L	20.0	129.50	50.00-170.00	0.500U	30.58	30.00
1,2,4-trichlorobenzene	20.2	ug/L	20.0	100.80	50.00-170.00	0.500U	26.07	30.00
1,2-dibromo-3-chloropropane	23.0	ug/L	20.0	114.95	50.00-170.00	0.100U	23.69	30.00
1,2-dichloroethane	25.0	ug/L	20.0	125.00	50.00-170.00	0.500U	30.57	30.00
1,2-dichloropropane	23.5	ug/L	20.0	117.60	50.00-170.00	0.200U	31.55	30.00
1,3,5-Trimethylbenzene	22.1	ug/L	20.0	110.70	50.00-170.00	0.500U	24.15	30.00
1,3-Dichloropropane	22.8	ug/L	20.0	114.10	50.00-170.00	0.300U	32.38	30.00
2,2-Dichloropropane	19.9	ug/L	20.0	99.50	50.00-170.00	0.500U	7.54	30.00
2-Butanone (MEK)	17.6	ug/L	20.0	87.75	50.00-170.00	0.500U	11.06	30.00

FLDOH: E83018 (Main Lab) FLDOH: E86562 (South Lab) FLDOH: E82405 (North Lab) FLDOH: E35834 (Keys Lab)

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Date Sampled: Jan 4, 2017
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Quality Control Batch: 10330376

Analyst: CTH

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
2-Chlorotoluene	24.5	ug/L	20.0	122.50	50.00-170.00	0.500U	27.91	30.00
2-Hexanone	21.3	ug/L	20.0	106.50	50.00-170.00	0.500U	15.37	30.00
4-Chlorotoluene	23.8	ug/L	20.0	118.75	50.00-170.00	0.500U	27.27	30.00
4-Isopropyltoluene	26.2	ug/L	20.0	131.00	50.00-170.00	0.500U	28.27	30.00
Acetone	18.1	ug/L	20.0	90.55	50.00-170.00	0.500U	8.81	30.00
Benzene	23.6	ug/L	20.0	117.75	50.00-170.00	0.500U	29.31	30.00
Bromobenzene	23.6	ug/L	20.0	118.10	50.00-170.00	0.200U	26.73	30.00
Bromochloromethane	20.2	ug/L	20.0	100.80	50.00-170.00	0.100U	25.06	30.00
Bromodichloromethane	24.5	ug/L	20.0	122.45	50.00-170.00	0.100U	29.68	30.00
Bromoform	23.4	ug/L	20.0	116.75	50.00-170.00	0.500U	50.47	30.00
Bromomethane	24.6	ug/L	20.0	123.10	50.00-170.00	0.500U	24.17	30.00
Carbon Tetrachloride	24.3	ug/L	20.0	121.25	50.00-170.00	0.500U	26.48	30.00
Chlorobenzene	24.1	ug/L	20.0	120.70	50.00-170.00	0.500U	29.96	30.00
Chloroethane	24.4	ug/L	20.0	121.80	50.00-170.00	0.500U	21.71	30.00
Chloroform	23.5	ug/L	20.0	117.40	50.00-170.00	0.500U	28.85	30.00
Chloromethane	21.9	ug/L	20.0	109.35	50.00-170.00	0.500U	21.19	30.00
Dibromochloromethane	25.7	ug/L	20.0	128.45	50.00-170.00	0.400U	41.16	30.00
Dibromomethane	20.6	ug/L	20.0	102.90	50.00-170.00	0.500U	22.85	30.00
Dichlorodifluoromethane	35.7	ug/L	20.0	178.70	50.00-170.00	0.500U	19.40	30.00
Ethylbenzene	22.2	ug/L	20.0	111.05	50.00-170.00	0.500U	28.79	30.00
Hexachlorobutadiene	23.4	ug/L	20.0	116.75	50.00-170.00	0.400U	19.25	30.00
Hexachloroethane	25.6	ug/L	20.0	128.10	20.00-160.00	0.500U	33.92	30.00
Isopropylbenzene	21.9	ug/L	20.0	109.35	50.00-170.00	0.500U	26.87	30.00
Methyl Iodide	22.4	ug/L	20.0	111.85	50.00-170.00	1.00U	27.74	30.00
Methyl isobutyl ketone	21.2	ug/L	20.0	106.15	50.00-170.00	1.00U	14.44	30.00
Methyl-tert-butylether	22.4	ug/L	20.0	111.80	50.00-170.00	1.00U	30.93	30.00
Methylene chloride	22.8	ug/L	20.0	113.75	50.00-170.00	1.00U	26.09	30.00
Naphthalene	17.2	ug/L	20.0	86.15	50.00-170.00	0.500U	17.00	30.00
Para-dichlorobenzene	23.9	ug/L	20.0	119.65	50.00-170.00	0.500U	31.26	30.00



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Atkins-Tampa
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Tampa, FL 33607

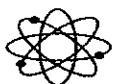
PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Quality Control Batch: 10330376**Analyst: CTH****Matrix Spike Duplicate**

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Styrene	23.8	ug/L	20.0	118.85	50.00-170.00	0.500U	28.56	30.00
Tetrachloroethene	21.1	ug/L	20.0	105.60	50.00-170.00	0.500U	27.59	30.00
Toluene	24.7	ug/L	20.0	123.60	50.00-170.00	0.500U	34.87	30.00
Trichloroethene	23.4	ug/L	20.0	116.95	50.00-170.00	0.500U	24.20	30.00
Trichlorofluoromethane	22.9	ug/L	20.0	114.40	50.00-170.00	0.500U	16.10	30.00
Vinyl chloride	22.0	ug/L	20.0	110.00	50.00-170.00	0.500U	24.20	30.00
Xylenes	66.7	ug/L	60.0	111.20	50.00-170.00	0.500U	28.73	30.00
cis-1,2-dichloroethene	22.6	ug/L	20.0	113.15	50.00-170.00	0.200U	26.87	30.00
cis-1,3-Dichloropropene	20.3	ug/L	20.0	101.60	50.00-170.00	0.500U	21.89	30.00
m-dichlorobenzene	23.7	ug/L	20.0	118.50	50.00-170.00	0.500U	29.26	30.00
n-Propylbenzene	21.9	ug/L	20.0	109.45	50.00-170.00	0.200U	21.33	30.00
n-butylbenzene	25.3	ug/L	20.0	126.45	50.00-170.00	0.500U	30.96	30.00
o-dichlorobenzene	20.9	ug/L	20.0	104.45	50.00-170.00	0.500U	29.06	30.00
sec-butylbenzene	26.2	ug/L	20.0	131.10	50.00-170.00	0.200U	24.44	30.00
tert-butylbenzene	20.2	ug/L	20.0	101.15	50.00-170.00	0.400U	7.59	30.00
trans-1,2-dichloroethene	24.2	ug/L	20.0	120.90	50.00-170.00	0.500U	29.03	30.00
trans-1,3,-Dichloropropene	23.6	ug/L	20.0	117.80	50.00-170.00	0.500U	31.43	30.00
Surr:1,2-Dichloroethane-d4	31.8	ug/L	30.0	106.10	50.00-170.00		5.41	30.00
Surr:Bromofluorobenzene	27.7	ug/L	30.0	92.23	50.00-170.00		6.37	30.00
Surr:Toluene-d8	30.2	ug/L	30.0	100.67	50.00-170.00		3.32	30.00

Quality Control Batch: 10330465**Analyst: EVB**

Blank	Result	Units
Antimony	0.00200U	mg/L
Arsenic	0.00100U	mg/L
Barium	0.00200U	mg/L
Beryllium	0.000500U	mg/L
Cadmium	0.000200U	mg/L
Chromium	0.00100U	mg/L



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PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Quality Control Batch: 10330465

Analyst: EVB

Blank	Result	Units
Cobalt	0.00100U	mg/L
Copper	0.00100U	mg/L
Lead	0.00100U	mg/L
Nickel	0.00100U	mg/L
Selenium	0.00200U	mg/L
Silver	0.000500U	mg/L
Thallium	0.00100U	mg/L
Vanadium	0.00100U	mg/L
Zinc	0.0100U	mg/L

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Antimony	0.0864	mg/L	0.100	86.40	80.00-120.00
Arsenic	0.0986	mg/L	0.100	98.60	80.00-120.00
Barium	0.0961	mg/L	0.100	96.10	80.00-120.00
Beryllium	0.0988	mg/L	0.100	98.80	80.00-120.00
Cadmium	0.0931	mg/L	0.100	93.10	80.00-120.00
Chromium	0.101	mg/L	0.100	100.50	80.00-120.00
Cobalt	0.0988	mg/L	0.100	98.80	80.00-120.00
Copper	0.101	mg/L	0.100	101.00	80.00-120.00
Lead	0.104	mg/L	0.100	103.50	80.00-120.00
Nickel	0.0985	mg/L	0.100	98.50	80.00-120.00
Selenium	0.101	mg/L	0.100	100.50	80.00-120.00
Silver	0.0978	mg/L	0.100	97.80	80.00-120.00
Thallium	0.100	mg/L	0.100	100.30	80.00-120.00
Vanadium	0.0958	mg/L	0.100	95.80	80.00-120.00
Zinc	0.0925	mg/L	0.100	92.50	80.00-120.00

Matrix Spike

	Result	Units	Spike	%REC	%REC Lim	Sample
Antimony	0.0917	mg/L	0.200	45.85	75.00-125.00	0.00200U



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PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Quality Control Batch: 10330465

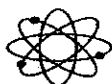
Analyst: EVB

Matrix Spike

	Result	Units	Spike	%REC	%REC Lim	Sample
Arsenic	0.113	mg/L	0.200	56.50	75.00-125.00	0.00100U
Barium	0.0996	mg/L	0.200	49.80	75.00-125.00	0.00200U
Beryllium	0.0977	mg/L	0.200	48.85	75.00-125.00	0.000500U
Cadmium	0.0869	mg/L	0.200	43.45	75.00-125.00	0.000200U
Chromium	0.117	mg/L	0.200	58.35	75.00-125.00	0.00100U
Cobalt	0.110	mg/L	0.200	55.00	75.00-125.00	0.00100U
Copper	0.124	mg/L	0.200	52.05	75.00-125.00	0.0196
Lead	0.0929	mg/L	0.200	46.45	75.00-125.00	0.00100U
Nickel	0.141	mg/L	0.200	50.90	75.00-125.00	0.0394
Selenium	0.0980	mg/L	0.200	49.00	75.00-125.00	0.00200U
Silver	0.0729	mg/L	0.200	36.45	75.00-125.00	0.000500U
Thallium	0.0961	mg/L	0.200	48.05	75.00-125.00	0.00100U
Vanadium	0.119	mg/L	0.200	59.25	75.00-125.00	0.00100U
Zinc	0.281	mg/L	0.200	49.45	75.00-125.00	0.182

Matrix Spike Duplicate

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Antimony	0.0942	mg/L	0.200	47.10	75.00-125.00	0.00200U	2.69	20.00
Arsenic	0.111	mg/L	0.200	55.55	75.00-125.00	0.00100U	1.70	20.00
Barium	0.0992	mg/L	0.200	49.60	75.00-125.00	0.00200U	0.40	20.00
Beryllium	0.0964	mg/L	0.200	48.20	75.00-125.00	0.000500U	1.34	20.00
Cadmium	0.0852	mg/L	0.200	42.60	75.00-125.00	0.000200U	1.98	20.00
Chromium	0.115	mg/L	0.200	57.45	75.00-125.00	0.00100U	1.55	20.00
Cobalt	0.110	mg/L	0.200	55.20	75.00-125.00	0.00100U	0.36	20.00
Copper	0.124	mg/L	0.200	52.25	75.00-125.00	0.0196	0.32	20.00
Lead	0.0925	mg/L	0.200	46.25	75.00-125.00	0.00100U	0.43	20.00
Nickel	0.143	mg/L	0.200	51.85	75.00-125.00	0.0394	1.34	20.00
Selenium	0.0976	mg/L	0.200	48.80	75.00-125.00	0.00200U	0.41	20.00
Silver	0.0730	mg/L	0.200	36.50	75.00-125.00	0.000500U	0.14	20.00
Thallium	0.0962	mg/L	0.200	48.10	75.00-125.00	0.00100U	0.10	20.00



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Tampa, FL 33607

PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Quality Control Batch: 10330465**Analyst: EVB****Matrix Spike Duplicate**

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Vanadium	0.119	mg/L	0.200	59.35	75.00-125.00	0.00100U	0.17	20.00
Zinc	0.297	mg/L	0.200	57.45	75.00-125.00	0.182	5.54	20.00

Quality Control Batch: 10330487**Analyst: EVB****Blank**

	Result	Units
Iron	0.0100U	mg/L
Sodium	0.500U	mg/L

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Iron	5.30	mg/L	5.00	105.99	80.00-120.00
Sodium	5.57	mg/L	5.00	111.40	80.00-120.00

Matrix Spike

	Result	Units	Spike	%REC	%REC Lim	Sample
Iron	5.01	mg/L	5.00	100.29	75.00-125.00	0.0100U
Sodium	15.0	mg/L	5.00	101.93	75.00-125.00	9.94

Matrix Spike Duplicate

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Iron	4.88	mg/L	5.00	97.64	75.00-125.00	0.0100U	2.68	20.00
Sodium	15.0	mg/L	5.00	101.17	75.00-125.00	9.94	0.25	20.00

Quality Control Batch: 10330607**Analyst: EVB****Blank**

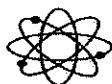
	Result	Units
Mercury	0.0000200U	mg/L

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Mercury	0.000983	mg/L	0.00100	98.29	80.00-120.00

Matrix Spike

	Result	Units	Spike	%REC	%REC Lim	Sample
Mercury	0.00276	mg/L	0.00300	93.17	80.00-120.00	-0.0000331



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PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Quality Control Batch: 10330607**Analyst: EVB****Matrix Spike Duplicate**

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Mercury	0.00290	mg/L	0.00300	97.90	80.00-120.00	-0.0000331	5.01	20.00

Quality Control Batch: 10330608**Analyst: EVB****Blank**

	Result	Units
Mercury	0.0000200U	mg/L

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Mercury	0.000983	mg/L	0.00100	98.29	80.00-120.00

Quality Control Batch: 10330693**Analyst: DLJ****Blank**

	Result	Units
1,2,3-Trichloropropane	0.0200U	ug/L
1,2-Dibromoethane (EDB)	0.0100U	ug/L
1,2-dibromo-3-chloropropane	0.0200U	ug/L

Laboratory Control Sample

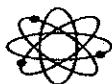
	Result	Units	Spike	%REC	%REC Lim
1,2,3-Trichloropropane	0.256	ug/L	0.250	102.32	50.00-170.00
1,2-Dibromoethane (EDB)	0.220	ug/L	0.250	88.00	50.00-170.00
1,2-dibromo-3-chloropropane	0.231	ug/L	0.250	92.36	50.00-170.00

Matrix Spike

	Result	Units	Spike	%REC	%REC Lim	Sample
1,2,3-Trichloropropane	0.262	ug/L	0.250	104.96	50.00-170.00	0.0199U
1,2-Dibromoethane (EDB)	0.239	ug/L	0.250	95.60	50.00-170.00	0.00997U
1,2-dibromo-3-chloropropane	0.243	ug/L	0.250	97.36	50.00-170.00	0.0199U

Matrix Spike Duplicate

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
1,2,3-Trichloropropane	0.285	ug/L	0.250	113.92	50.00-170.00	0.0199U	8.19	30.00
1,2-Dibromoethane (EDB)	0.238	ug/L	0.250	95.24	50.00-170.00	0.00997U	0.38	30.00



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PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Quality Control Batch: 10330693	Analyst: DLJ
Matrix Spike Duplicate	Result Units Spike %REC %REC Lim Sample RPD RPD Lim
1,2-dibromo-3-chloropropane	0.250 ug/L 0.250 100.04 50.00-170.00 0.0199U 2.72 30.00

Quality Control Batch: 10330885	Analyst: VLB
Blank	Result Units
Chloride	4.00U mg/L

Laboratory Control Sample	Result Units Spike %REC %REC Lim
Chloride	105 mg/L 100 105.04 80.00-120.00

Matrix Spike	Result Units Spike %REC %REC Lim Sample
Chloride	212 mg/L 100 89.73 80.00-120.00 122

Matrix Spike Duplicate	Result Units Spike %REC %REC Lim Sample RPD RPD Lim
Chloride	206 mg/L 100 83.27 80.00-120.00 122 3.09 20.00

Quality Control Batch: 10330914	Analyst: VLB
Blank	Result Units
Chloride	4.00U mg/L

Laboratory Control Sample	Result Units Spike %REC %REC Lim
Chloride	108 mg/L 100 108.08 80.00-120.00

Matrix Spike	Result Units Spike %REC %REC Lim Sample
Chloride	130 mg/L 100 107.59 80.00-120.00 22.2

Matrix Spike Duplicate	Result Units Spike %REC %REC Lim Sample RPD RPD Lim
Chloride	124 mg/L 100 101.59 80.00-120.00 22.2 4.73 20.00



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PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Quality Control Batch: 10331262

Analyst: PCW

Blank

Ammonia (as N)

Result
0.0100U

Units
mg/L

Laboratory Control Sample

Ammonia (as N)

Result
0.498

Units
mg/L

Spike
0.500

%REC
99.60

%REC Lim
85.00-115.00

Matrix Spike

Ammonia (as N)

Result
1.11

Units
mg/L

Spike
1.00

%REC
104.92

%REC Lim
85.00-115.00

Sample
0.0608

Matrix Spike Duplicate

Ammonia (as N)

Result
1.06

Units
mg/L

Spike
1.00

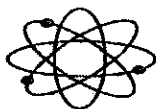
%REC
99.92

%REC Lim
85.00-115.00

Sample
0.0608

RPD
4.61

RPD Lim
20.00



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PO #: 100053538
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 4, 2017
Jan 18, 2017; Invoice: 319849

Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis.

Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody

Qualifier	Meaning
U	Compound was analyzed for but not detected.
J	Estimated value; one or more QC components associated with this data value exceed current QC limits.
Q	Sample held beyond the accepted holding time.
L	Off-scale high; reported concentration exceeds the highest standard.
V	Analyte was detected in both the sample and the associated method blank.
W	The dissolved oxygen blank was above 0.2 mg/L but less than the MDL.
Z	Too numerous to count colonies on plate.
A	Absent
P	Present
T	Value reported is less than the statistical method detection limit. Reported for informational purposes only.
M	Value reported is greater than the statistical method detection limit, but less than the reported MDL.
G	The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data.
S	The least of the dilutions performed did not yield sufficient oxygen residual for valid data.
O	Result is greater than (over) the specified value.
I	Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
B	Results based upon colony plate count outside ideal range.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.



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Atkins-Tampa
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Tampa, FL 33607

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 5, 2017
Jan 20, 2017; Invoice: 319842

Report Summary

Date Received: Jan 5, 2017

FCL Project Manager: June S. Flowers

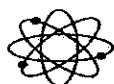
Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
319842SW1	SW-2/21062	EPA245.1	EVB	Main Lab	Surface Water
		EPA351.2	VLB	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA365.4	VLB	Main Lab	
		EPA410.4	CTH	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CTH	Main Lab	
		FDEP DEP-SOP	PCW	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM10200 H	TRB	Main Lab	
		SM2340 B	EVB	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM2540 D	PLB	Main Lab	
		SM5210 B	JEB	Main Lab	
		SM5310 C	PCW	Main Lab	
		SM9222 D	TRB	Main Lab	
		TotNit			
319842SW2	Trip Blank 2	EPA8260	CTH	Main Lab	Surface Water

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
President/Technical Director



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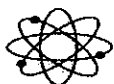
Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 5, 2017
Jan 20, 2017; Invoice: 319842

Analysis Report

Lab #: 319842SW1 Sampled: 01/05/17 11:30 AM Desc: SW-2/21062

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analized
Total Nitrogen(as N)	1.43		0				TotNit	17778-88-0	
Unionized NH3(as N)	0.000874	mg/L	1.00	0.000100	0.000200	10274203	FDEP DEP-SOF		01/12/17
Chemical Oxygen Demand	72.9	mg/L	1.00	10.0	20.0	10282904	EPA410.4	C-004	01/09/17
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10330224	EPA353.2	14797-55-8	01/06/17 09:00 AM
Nitrite(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10330224	EPA353.2	14797-65-0	01/06/17 09:00 AM
Fecal Coliform	200 Z	cfu/100mL	1.00	1.00	1.00	10330308	SM9222 D	E761792	01/05/17 03:00 PM
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	630-20-6	01/09/17
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	71-55-6	01/09/17
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10330363	EPA8260	79-34-5	01/09/17
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	79-00-5	01/09/17
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-34-3	01/09/17
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-35-4	01/09/17
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10330363	EPA8260	107-06-2	01/09/17
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10330363	EPA8260	78-87-5	01/09/17
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	78-93-3	01/09/17
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	591-78-6	01/09/17
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10330363	EPA8260	67-64-1	01/09/17
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10330363	EPA8260	107-13-1	01/09/17
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	71-43-2	01/09/17
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10330363	EPA8260	074-97-5	01/09/17
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10330363	EPA8260	75-27-4	01/09/17
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-25-2	01/09/17
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	74-83-9	01/09/17
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	75-15-0	01/09/17
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	56-23-5	01/09/17
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	108-90-7	01/09/17
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-00-3	01/09/17



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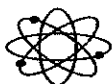
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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 5, 2017
Jan 20, 2017; Invoice: 319842

Lab #: 319842SW1 Sampled: 01/05/17 11:30 AM Desc: SW-2/21062

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	67-66-3	01/09/17
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	74-87-3	01/09/17
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10330363	EPA8260	124-48-1	01/09/17
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	074-95-3	01/09/17
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	100-41-4	01/09/17
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	074-88-4	01/09/17
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	108-10-1	01/09/17
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	75-09-2	01/09/17
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	106-46-7	01/09/17
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	100-42-5	01/09/17
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	127-18-4	01/09/17
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	108-88-3	01/09/17
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	79-01-6	01/09/17
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-69-4	01/09/17
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	10.0	10330363	EPA8260	108-05-4	01/09/17
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	75-01-4	01/09/17
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	1330-20-7	01/09/17
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10330363	EPA8260	156-59-2	01/09/17
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	10061-01-5	01/09/17
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	95-50-1	01/09/17
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	156-60-5	01/09/17
trans-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10330363	EPA8260	10061-02-6	01/09/17
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10330363	EPA8260	110-57-6	01/09/17
Surr:1,2-Dichloroethane-d4 (50-170%)	109.77%		1.00	0.0100	0.0100	10330363	EPA8260		01/09/17
Surr:Bromofluorobenzene (50-170%)	105.33%		1.00	1.00	1.00	10330363	EPA8260	460-00-4	01/09/17
Surr:Toluene-d8 (50-170%)	102.43%		1.00	0.0100	0.0100	10330363	EPA8260		01/09/17
Aluminum	0.0124 I	mg/L	1.00	0.0100	0.0200	10330465	EPA6020	7429-90-5	01/10/17
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10330465	EPA6020	7440-36-0	01/10/17
Arsenic	0.00240	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-38-2	01/10/17



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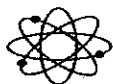
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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 5, 2017
Jan 20, 2017; Invoice: 319842

Lab #: 319842SW1 Sampled: 01/05/17 11:30 AM Desc: SW-2/21062

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Barium	0.0109	mg/L	1.00	0.00200	0.00400	10330465	EPA6020	7440-39-3	01/10/17
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10330465	EPA6020	7440-41-7	01/10/17
Cadmium	0.000200 U	mg/L	1.00	0.000200	0.000400	10330465	EPA6020	7440-43-9	01/10/17
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-47-3	01/10/17
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-48-4	01/10/17
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-50-8	01/10/17
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7439-92-1	01/10/17
Nickel	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-02-0	01/10/17
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10330465	EPA6020	7782-49-2	01/10/17
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10330465	EPA6020	7440-22-4	01/10/17
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-28-0	01/10/17
Vanadium	0.00180 U	mg/L	1.00	0.00100	0.00200	10330465	EPA6020	7440-62-2	01/10/17
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10330465	EPA6020	7440-66-6	01/10/17
Iron	0.557	mg/L	1.00	0.0100	0.0200	10330487	EPA6010	7439-89-6	01/10/17
Total Hardness (as CaCO3)	256	mg/L	1.00	0.100	0.200	10330494	SM2340 B	40-11-9	01/10/17
TDS	416	mg/L	1.00	2.50	5.00	10330499	SM2540 C	10-33-3	01/07/17
TSS	2.00	mg/L	1.00	1.00	2.00	10330506	SM2540 D	E1642818	01/10/17
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10330605	EPA245.1	7439-97-6	01/12/17
BOD5day	2.30	mg/L	1.00	2.00	2.00	10330686	SM5210 B	E1640606	01/06/17 11:10 AM
1,2,3-Trichloropropane	0.0199 U	ug/L	0.997	0.0199	0.0399	10330693	EPA8011	096-18-4	01/11/17
1,2-Dibromoethane (EDB)	0.00997 U	ug/L	0.997	0.00997	0.0199	10330693	EPA8011	106-93-4	01/11/17
1,2-dibromo-3-chloropropane	0.0199 U	ug/L	0.997	0.0199	0.0399	10330693	EPA8011	96-12-8	01/11/17
Field Ground Water Elevation	-10.0 U	ft	1.00	-10.0	-10.0	10330949	FT1000		01/05/17
Field pH (units)	6.89	pH	1.00	0.0100	0.0200	10330950	FT1100	C006	01/05/17
Field Conductivity	580	umhos/cm	1.00	0.100	0.100	10330951	FT1200		01/05/17
Field Temp. (C)	17.4	oC	1.00	0.100	0.100	10330952	FT1400		01/05/17
Field DO	1.55	mg/L	1.00	0.100	0.100	10330953	FT1500		01/05/17
Field Turbidity	2.62	NTU	1.00	0.100	0.100	10330954	FT1600		01/05/17
TKN(as N)	1.43	mg/L	1.00	0.200	0.400	10331142	EPA351.2	7727-37-9	01/17/17



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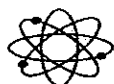
PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 5, 2017
Jan 20, 2017; Invoice: 319842

Lab #: 319842SW1 Sampled: 01/05/17 11:30 AM Desc: SW-2/21062

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Total Phosphorus(as P)	0.673	mg/L	1.00	0.0400	0.100	10331148	EPA365.4	7723-14-0	01/17/17
TOC	24.0	mg/L	1.00	1.00	2.00	10331264	SM5310 C	E701250	01/18/07
Chlorophyll a	0.150	ug/L	1.00	0.0200	0.150	10331466	SM10200 H	479-61-8	01/05/17

Lab #: 319842SW2 Sampled: 01/05/17 12:00 AM Desc: Trip Blank 2

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	630-20-6	01/09/17
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	71-55-6	01/09/17
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10330376	EPA8260	79-34-5	01/09/17
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	79-00-5	01/09/17
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	75-34-3	01/09/17
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	75-35-4	01/09/17
1,1-Dichloropropene	0.200 U	ug/L	1.00	0.200	0.400	10330376	EPA8260	563-58-6	01/09/17
1,2,3-Trichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	87-61-6	01/09/17
1,2,3-Trichloropropane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	096-18-4	01/09/17
1,2,4-Trimethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	095-63-6	01/09/17
1,2,4-trichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	120-82-1	01/09/17
1,2-dibromo-3-chloropropane	0.100 U	ug/L	1.00	0.100	0.200	10330376	EPA8260	96-12-8	01/09/17
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10330376	EPA8260	107-06-2	01/09/17
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10330376	EPA8260	78-87-5	01/09/17
1,3,5-Trimethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	108-67-8	01/09/17
1,3-Dichloropropane	0.300 U	ug/L	1.00	0.300	0.600	10330376	EPA8260	142-28-9	01/09/17
2,2-Dichloropropane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	594-20-7	01/09/17
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	78-93-3	01/09/17
2-Chlorotoluene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	095-49-8	01/09/17
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	591-78-6	01/09/17
2-chloroethylvinylether	0.500 U	ug/L	1.00	0.500	0.500	10330376	EPA8260	110-75-8	01/09/17
4-Chlorotoluene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	106-43-4	01/09/17
4-Isopropyltoluene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	527-84-4	01/09/17



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PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 5, 2017
Jan 20, 2017; Invoice: 319842

Lab #: 319842SW2 Sampled: 01/05/17 12:00 AM Desc: Trip Blank 2										
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10330376	EPA8260	67-64-1	01/09/17	
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	71-43-2	01/09/17	
Bromobenzene	0.200 U	ug/L	1.00	0.200	0.400	10330376	EPA8260	108-86-1	01/09/17	
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10330376	EPA8260	074-97-5	01/09/17	
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10330376	EPA8260	75-27-4	01/09/17	
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	75-25-2	01/09/17	
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	74-83-9	01/09/17	
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10330376	EPA8260	75-15-0	01/09/17	
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	56-23-5	01/09/17	
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	108-90-7	01/09/17	
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	75-00-3	01/09/17	
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	67-66-3	01/09/17	
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	74-87-3	01/09/17	
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10330376	EPA8260	124-48-1	01/09/17	
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	074-95-3	01/09/17	
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	75-71-8	01/09/17	
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	100-41-4	01/09/17	
Hexachlorobutadiene	0.400 U	ug/L	1.00	0.400	0.800	10330376	EPA8260	87-68-3	01/09/17	
Hexachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	67-72-1	01/09/17	
Isopropylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	98-82-8	01/09/17	
Methyl iodide	1.00 U	ug/L	1.00	1.00	2.00	10330376	EPA8260	074-88-4	01/09/17	
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10330376	EPA8260	108-10-1	01/09/17	
Methyl-tert-butylether	1.00 U	ug/L	1.00	1.00	2.00	10330376	EPA8260	1634-04-4	01/09/17	
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10330376	EPA8260	75-09-2	01/09/17	
Naphthalene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	91-20-3	01/09/17	
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	106-46-7	01/09/17	
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	100-42-5	01/09/17	
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	127-18-4	01/09/17	
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	108-88-3	01/09/17	



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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 5, 2017
Jan 20, 2017; Invoice: 319842

Lab #: 319842SW2 Sampled: 01/05/17 12:00 AM Desc: Trip Blank 2

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	79-01-6	01/09/17
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	75-69-4	01/09/17
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	10.0	10330376	EPA8260	108-05-4	01/09/17
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	75-01-4	01/09/17
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	1330-20-7	01/09/17
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10330376	EPA8260	156-59-2	01/09/17
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	10061-01-5	01/09/17
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	541-73-1	01/09/17
n-Propylbenzene	0.200 U	ug/L	1.00	0.200	0.400	10330376	EPA8260	103-65-1	01/09/17
n-butylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	104-51-8	01/09/17
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	95-50-1	01/09/17
sec-butylbenzene	0.200 U	ug/L	1.00	0.200	0.400	10330376	EPA8260	135-98-8	01/09/17
tert-butylbenzene	0.400 U	ug/L	1.00	0.400	0.800	10330376	EPA8260	098-06-6	01/09/17
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	156-60-5	01/09/17
trans-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10330376	EPA8260	10061-02-6	01/09/17
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10330376	EPA8260	110-57-6	01/09/17
Surr: 1,2-Dichloroethane-d4 (50-170%)	109.77%		1.00	0.0100	0.0100	10330376	EPA8260		01/09/17
Surr: Bromofluorobenzene (50-170%)	105.33%		1.00	1.00	1.00	10330376	EPA8260	460-00-4	01/09/17
Surr: Toluene-d8 (50-170%)	102.43%		1.00	0.0100	0.0100	10330376	EPA8260		01/09/17



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PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 5, 2017
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Quality Report

Quality Control Batch: 10274203

Analyst: PCW

Blank	Result	Units
Unionized NH3(as N)	0.000100U	mg/L

Quality Control Batch: 10282904

Analyst: CTH

Blank	Result	Units
Chemical Oxygen Demand	20.0U	mg/L

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Chemical Oxygen Demand	478	mg/L	500	95.55	80.00-120.00

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
Chemical Oxygen Demand	418	mg/L	200	102.04	80.00-120.00	214

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Chemical Oxygen Demand	418	mg/L	200	102.04	80.00-120.00	214	0.00	20.00

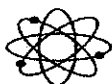
Quality Control Batch: 10330224

Analyst: PCW

Blank	Result	Units
Nitrate(as N)	0.0100U	mg/L
Nitrite(as N)	0.0200U	mg/L

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Nitrate(as N)	1.08	mg/L	1.00	108.00	85.00-115.00
Nitrite(as N)	1.05	mg/L	1.00	105.00	85.00-115.00

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
Nitrite(as N)	4.67	mg/L	4.00	116.33	85.00-115.00	0.0166



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PO #: 40612
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Quality Control Batch: 10330224**Analyst: PCW****Matrix Spike Duplicate**

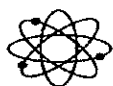
	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Nitrite(as N)	4.68	mg/L	4.00	116.58	85.00-115.00	0.0166	0.21	20.00

Quality Control Batch: 10330308**Analyst: TRB****Blank**

	Result	Units
Fecal Coliform	1.00U	cfu/100mL

Quality Control Batch: 10330363**Analyst: CTH****Blank**

	Result	Units
1,1,1,2-Tetrachloroethane	0.500U	ug/L
1,1,1-Trichloroethane	0.500U	ug/L
1,1,2,2-Tetrachloroethane	0.100U	ug/L
1,1,2-Trichloroethane	0.500U	ug/L
1,1-Dichloroethane	0.500U	ug/L
1,1-Dichloroethene	0.500U	ug/L
1,2-dichloroethane	0.500U	ug/L
1,2-dichloropropane	0.200U	ug/L
2-Butanone (MEK)	0.500U	ug/L
2-Hexanone	0.500U	ug/L
Acetone	5.00U	ug/L
Acrylonitrile	0.300U	ug/L
Benzene	0.500U	ug/L
Bromochloromethane	0.100U	ug/L
Bromodichloromethane	0.100U	ug/L
Bromoform	0.500U	ug/L
Bromomethane	0.500U	ug/L
Carbon Disulfide	1.00U	ug/L
Carbon Tetrachloride	0.500U	ug/L
Chlorobenzene	0.500U	ug/L



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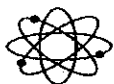
PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 5, 2017
Jan 20, 2017; Invoice: 319842

Quality Control Batch: 10330363

Analyst: CTH

Blank	Result	Units
Chloroethane	0.500U	ug/L
Chloroform	0.500U	ug/L
Chloromethane	0.500U	ug/L
Dibromochloromethane	0.400U	ug/L
Dibromomethane	0.500U	ug/L
Ethylbenzene	0.500U	ug/L
Methyl Iodide	1.00U	ug/L
Methyl isobutyl ketone	1.00U	ug/L
Methylene chloride	1.00U	ug/L
Para-dichlorobenzene	0.500U	ug/L
Styrene	0.500U	ug/L
Tetrachloroethene	0.500U	ug/L
Toluene	0.500U	ug/L
Trichloroethene	0.500U	ug/L
Trichlorofluoromethane	0.500U	ug/L
Vinyl Acetate	10.0U	ug/L
Vinyl chloride	0.500U	ug/L
Xylenes	0.500U	ug/L
cis-1,2-dichloroethene	0.200U	ug/L
cis-1,3-Dichloropropene	0.500U	ug/L
o-dichlorobenzene	0.500U	ug/L
trans-1,2-dichloroethene	0.500U	ug/L
trans-1,3,-Dichloropropene	0.500U	ug/L
trans-1,4-dichloro-2-butene	1.00U	ug/L
Surr:1,2-Dichloroethane-d4	32.7	ug/L
Surr:Bromofluorobenzene	31.5	ug/L
Surr:Toluene-d8	30.8	ug/L

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
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Quality Control Batch: 10330363

Analyst: CTH

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
1,1,1,2-Tetrachloroethane	ug/L	40.0	102.28	50.00-170.00
1,1,1-Trichloroethane	ug/L	40.0	96.75	50.00-170.00
1,1,2,2-Tetrachloroethane	ug/L	40.0	90.57	50.00-170.00
1,1,2-Trichloroethane	ug/L	40.0	90.80	50.00-170.00
1,1-Dichloroethane	ug/L	40.0	73.98	50.00-170.00
1,1-Dichloroethene	ug/L	40.0	85.40	50.00-170.00
1,2-dichloroethane	ug/L	40.0	98.80	50.00-170.00
1,2-dichloropropane	ug/L	40.0	94.50	50.00-170.00
2-Butanone (MEK)	ug/L	40.0	65.75	50.00-170.00
2-Hexanone	ug/L	40.0	98.77	50.00-170.00
Acetone	ug/L	40.0	55.73	50.00-170.00
Acrylonitrile	ug/L	40.0	70.82	50.00-170.00
Benzene	ug/L	40.0	98.73	50.00-170.00
Bromochloromethane	ug/L	40.0	82.52	50.00-170.00
Bromodichloromethane	ug/L	40.0	97.70	50.00-170.00
Bromoform	ug/L	40.0	78.45	50.00-170.00
Bromomethane	ug/L	40.0	99.80	50.00-170.00
Carbon Disulfide	ug/L	40.0	92.33	50.00-170.00
Carbon Tetrachloride	ug/L	40.0	107.62	50.00-170.00
Chlorobenzene	ug/L	40.0	101.90	50.00-170.00
Chloroethane	ug/L	40.0	100.70	50.00-170.00
Chloroform	ug/L	40.0	93.65	50.00-170.00
Chloromethane	ug/L	40.0	88.12	50.00-170.00
Dibromochloromethane	ug/L	40.0	94.77	50.00-170.00
Dibromomethane	ug/L	40.0	83.57	50.00-170.00
Ethylbenzene	ug/L	40.0	95.78	50.00-170.00
Methyl Iodide	ug/L	40.0	88.47	50.00-170.00
Methyl isobutyl ketone	ug/L	40.0	91.25	50.00-170.00
Methylene chloride	ug/L	40.0	89.08	50.00-170.00



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Jan 20, 2017; Invoice: 319842

Quality Control Batch: 10330363

Analyst: CTH

Laboratory Control Sample

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Para-dichlorobenzene	41.1	ug/L	40.0	102.70	50.00-170.00
Styrene	41.5	ug/L	40.0	103.73	50.00-170.00
Tetrachloroethene	39.1	ug/L	40.0	97.65	50.00-170.00
Toluene	41.5	ug/L	40.0	103.82	50.00-170.00
Trichloroethene	41.1	ug/L	40.0	102.73	50.00-170.00
Trichlorofluoromethane	39.9	ug/L	40.0	99.68	50.00-170.00
Vinyl chloride	39.8	ug/L	40.0	99.53	50.00-170.00
Xylenes	115	ug/L	120	96.18	50.00-170.00
cis-1,2-dichloroethene	35.8	ug/L	40.0	89.60	50.00-170.00
cis-1,3-Dichloropropene	35.3	ug/L	40.0	88.20	50.00-170.00
o-dichlorobenzene	35.6	ug/L	40.0	89.10	50.00-170.00
trans-1,2-dichloroethene	38.0	ug/L	40.0	95.07	50.00-170.00
trans-1,3,-Dichloropropene	41.4	ug/L	40.0	103.52	50.00-170.00
Surr: 1,2-Dichloroethane-d4	30.4	ug/L	30.0	101.23	50.00-170.00
Surr: Bromofluorobenzene	27.9	ug/L	30.0	92.87	50.00-170.00
Surr: Toluene-d8	29.9	ug/L	30.0	99.80	50.00-170.00

Matrix Spike

Result	Units	Spike	%REC	%REC Lim	Sample
17.5	ug/L	20.0	87.40	50.00-170.00	0.500U
16.5	ug/L	20.0	82.30	50.00-170.00	0.500U
16.0	ug/L	20.0	79.75	50.00-170.00	0.100U
15.9	ug/L	20.0	79.60	50.00-170.00	0.500U
14.7	ug/L	20.0	73.35	50.00-170.00	0.500U
17.2	ug/L	20.0	85.90	50.00-170.00	0.500U
18.4	ug/L	20.0	91.85	50.00-170.00	0.500U
17.1	ug/L	20.0	85.55	50.00-170.00	0.200U
15.7	ug/L	20.0	78.55	50.00-170.00	0.500U
18.3	ug/L	20.0	91.30	50.00-170.00	0.500U
19.8	ug/L	20.0	98.90	50.00-170.00	5.00U



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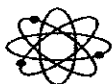
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PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 5, 2017
Jan 20, 2017; Invoice: 319842

Quality Control Batch: 10330363

Analyst: CTH

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
Acrylonitrile	15.3	ug/L	20.0	76.70	50.00-170.00	0.300U
Benzene	17.5	ug/L	20.0	87.65	50.00-170.00	0.500U
Bromochloromethane	15.7	ug/L	20.0	78.35	50.00-170.00	0.100U
Bromodichloromethane	18.2	ug/L	20.0	90.80	50.00-170.00	0.100U
Bromoform	13.9	ug/L	20.0	69.70	50.00-170.00	0.500U
Bromomethane	19.3	ug/L	20.0	96.55	50.00-170.00	0.500U
Carbon Tetrachloride	18.6	ug/L	20.0	92.90	50.00-170.00	0.500U
Chlorobenzene	17.9	ug/L	20.0	89.25	50.00-170.00	0.500U
Chloroethane	19.6	ug/L	20.0	97.95	50.00-170.00	0.500U
Chloroform	17.6	ug/L	20.0	87.80	50.00-170.00	0.500U
Chloromethane	17.7	ug/L	20.0	88.40	50.00-170.00	0.500U
Dibromochloromethane	16.9	ug/L	20.0	84.60	50.00-170.00	0.400U
Dibromomethane	16.4	ug/L	20.0	81.80	50.00-170.00	0.500U
Ethylbenzene	16.6	ug/L	20.0	83.10	50.00-170.00	0.500U
Methyl Iodide	16.9	ug/L	20.0	84.60	50.00-170.00	1.00U
Methyl isobutyl ketone	18.4	ug/L	20.0	91.85	50.00-170.00	1.00U
Methylene chloride	17.5	ug/L	20.0	87.50	50.00-170.00	1.00U
Para-dichlorobenzene	17.5	ug/L	20.0	87.30	50.00-170.00	0.500U
Styrene	17.8	ug/L	20.0	89.15	50.00-170.00	0.500U
Tetrachloroethene	16.0	ug/L	20.0	80.00	50.00-170.00	0.500U
Toluene	17.4	ug/L	20.0	86.90	50.00-170.00	0.500U
Trichloroethene	18.3	ug/L	20.0	91.70	50.00-170.00	0.500U
Trichlorofluoromethane	19.5	ug/L	20.0	97.35	50.00-170.00	0.500U
Vinyl chloride	17.3	ug/L	20.0	86.25	50.00-170.00	0.500U
Xylenes	50.0	ug/L	60.0	83.27	50.00-170.00	0.500U
cis-1,2-dichloroethene	17.3	ug/L	20.0	86.35	50.00-170.00	0.200U
cis-1,3-Dichloropropene	16.3	ug/L	20.0	81.55	50.00-170.00	0.500U
o-dichlorobenzene	15.6	ug/L	20.0	77.95	50.00-170.00	0.500U
trans-1,2-dichloroethene	18.1	ug/L	20.0	90.25	50.00-170.00	0.500U



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Phone: 305-743-8598 E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 5, 2017
Jan 20, 2017; Invoice: 319842

Quality Control Batch: 10330363

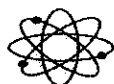
Analyst: CTH

Matrix Spike

Result	Units	Spike	%REC	%REC Lim	Sample
17.2	ug/L	20.0	85.80	50.00-170.00	0.500U
33.6	ug/L	30.0	112.00	50.00-170.00	
29.5	ug/L	30.0	98.30	50.00-170.00	
31.2	ug/L	30.0	104.07	50.00-170.00	

Matrix Spike Duplicate

Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
24.3	ug/L	20.0	121.55	50.00-170.00	0.500U	32.69	30.00
21.4	ug/L	20.0	107.00	50.00-170.00	0.500U	26.10	30.00
21.1	ug/L	20.0	105.60	50.00-170.00	0.100U	27.89	30.00
21.6	ug/L	20.0	108.05	50.00-170.00	0.500U	30.32	30.00
18.8	ug/L	20.0	93.80	50.00-170.00	0.500U	24.47	30.00
21.1	ug/L	20.0	105.30	50.00-170.00	0.500U	20.29	30.00
25.0	ug/L	20.0	125.00	50.00-170.00	0.500U	30.57	30.00
23.5	ug/L	20.0	117.60	50.00-170.00	0.200U	31.55	30.00
17.6	ug/L	20.0	87.75	50.00-170.00	0.500U	11.06	30.00
21.3	ug/L	20.0	106.50	50.00-170.00	0.500U	15.37	30.00
18.1	ug/L	20.0	90.55	50.00-170.00	5.00U	8.81	30.00
18.3	ug/L	20.0	91.45	50.00-170.00	0.300U	17.54	30.00
23.6	ug/L	20.0	117.75	50.00-170.00	0.500U	29.31	30.00
20.2	ug/L	20.0	100.80	50.00-170.00	0.100U	25.06	30.00
24.5	ug/L	20.0	122.45	50.00-170.00	0.100U	29.68	30.00
23.4	ug/L	20.0	116.75	50.00-170.00	0.500U	50.47	30.00
24.6	ug/L	20.0	123.10	50.00-170.00	0.500U	24.17	30.00
24.3	ug/L	20.0	121.25	50.00-170.00	0.500U	26.48	30.00
24.1	ug/L	20.0	120.70	50.00-170.00	0.500U	29.96	30.00
24.4	ug/L	20.0	121.80	50.00-170.00	0.500U	21.71	30.00
23.5	ug/L	20.0	117.40	50.00-170.00	0.500U	28.85	30.00
21.9	ug/L	20.0	109.35	50.00-170.00	0.500U	21.19	30.00
25.7	ug/L	20.0	128.45	50.00-170.00	0.400U	41.16	30.00



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E83018 (Main Lab)
E86562 (South Lab)
E82405 (North Lab)
E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 5, 2017
Jan 20, 2017; Invoice: 319842

Quality Control Batch: 10330363

Analyst: CTH

Matrix Spike Duplicate

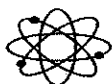
Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
20.6	ug/L	20.0	102.90	50.00-170.00	0.500U	22.85	30.00
22.2	ug/L	20.0	111.05	50.00-170.00	0.500U	28.79	30.00
22.4	ug/L	20.0	111.85	50.00-170.00	1.00U	27.74	30.00
21.2	ug/L	20.0	106.15	50.00-170.00	1.00U	14.44	30.00
22.8	ug/L	20.0	113.75	50.00-170.00	1.00U	26.09	30.00
23.9	ug/L	20.0	119.65	50.00-170.00	0.500U	31.26	30.00
23.8	ug/L	20.0	118.85	50.00-170.00	0.500U	28.56	30.00
21.1	ug/L	20.0	105.60	50.00-170.00	0.500U	27.59	30.00
24.7	ug/L	20.0	123.60	50.00-170.00	0.500U	34.87	30.00
23.4	ug/L	20.0	116.95	50.00-170.00	0.500U	24.20	30.00
22.9	ug/L	20.0	114.40	50.00-170.00	0.500U	16.10	30.00
22.0	ug/L	20.0	110.00	50.00-170.00	0.500U	24.20	30.00
66.7	ug/L	60.0	111.20	50.00-170.00	0.500U	28.73	30.00
22.6	ug/L	20.0	113.15	50.00-170.00	0.200U	26.87	30.00
20.3	ug/L	20.0	101.60	50.00-170.00	0.500U	21.89	30.00
20.9	ug/L	20.0	104.45	50.00-170.00	0.500U	29.06	30.00
24.2	ug/L	20.0	120.90	50.00-170.00	0.500U	29.03	30.00
23.6	ug/L	20.0	117.80	50.00-170.00	0.500U	31.43	30.00
31.8	ug/L	30.0	106.10	50.00-170.00		5.41	30.00
27.7	ug/L	30.0	92.23	50.00-170.00		6.37	30.00
30.2	ug/L	30.0	100.67	50.00-170.00		3.32	30.00

Quality Control Batch: 10330376

Analyst: CTH

Blank

Result	Units
0.500U	ug/L
0.500U	ug/L
0.100U	ug/L
0.500U	ug/L
0.500U	ug/L



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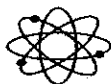
Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
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Quality Control Batch: 10330376

Analyst: CTH

Blank	Result	Units
1,1-Dichloroethene	0.500U	ug/L
1,1-Dichloropropene	0.200U	ug/L
1,2,3-Trichlorobenzene	0.500U	ug/L
1,2,3-Trichloropropane	0.500U	ug/L
1,2,4-Trimethylbenzene	0.500U	ug/L
1,2,4-trichlorobenzene	0.500U	ug/L
1,2-dibromo-3-chloropropane	0.100U	ug/L
1,2-dichloroethane	0.500U	ug/L
1,2-dichloropropane	0.200U	ug/L
1,3,5-Trimethylbenzene	0.500U	ug/L
1,3-Dichloropropane	0.300U	ug/L
2,2-Dichloropropane	0.500U	ug/L
2-Butanone (MEK)	0.500U	ug/L
2-Chlorotoluene	0.500U	ug/L
2-Hexanone	0.500U	ug/L
2-chloroethylvinylether	0.500U	ug/L
4-Chlorotoluene	0.500U	ug/L
4-Isopropyltoluene	0.500U	ug/L
Acetone	5.00U	ug/L
Benzene	0.500U	ug/L
Bromobenzene	0.200U	ug/L
Bromochloromethane	0.100U	ug/L
Bromodichloromethane	0.100U	ug/L
Bromoform	0.500U	ug/L
Bromomethane	0.500U	ug/L
Carbon Disulfide	1.00U	ug/L
Carbon Tetrachloride	0.500U	ug/L
Chlorobenzene	0.500U	ug/L
Chloroethane	0.500U	ug/L



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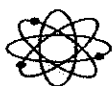
Atkins-Tampa
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PO #: 40612
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Quality Control Batch: 10330376

Analyst: CTH

Blank	Result	Units
Chloroform	0.500U	ug/L
Chloromethane	0.500U	ug/L
Dibromochloromethane	0.400U	ug/L
Dibromomethane	0.500U	ug/L
Dichlorodifluoromethane	0.500U	ug/L
Ethylbenzene	0.500U	ug/L
Hexachlorobutadiene	0.400U	ug/L
Hexachloroethane	0.500U	ug/L
isopropylbenzene	0.500U	ug/L
Methyl Iodide	1.00U	ug/L
Methyl isobutyl ketone	1.00U	ug/L
Methyl-tert-butylether	1.00U	ug/L
Methylene chloride	1.00U	ug/L
Naphthalene	0.500U	ug/L
Para-dichlorobenzene	0.500U	ug/L
Styrene	0.500U	ug/L
Tetrachloroethene	0.500U	ug/L
Toluene	0.500U	ug/L
Trichloroethene	0.500U	ug/L
Trichlorofluoromethane	0.500U	ug/L
Vinyl Acetate	10.0U	ug/L
Vinyl chloride	0.500U	ug/L
Xylenes	0.500U	ug/L
cis-1,2-dichloroethene	0.200U	ug/L
cis-1,3-Dichloropropene	0.500U	ug/L
m-dichlorobenzene	0.500U	ug/L
n-Propylbenzene	0.200U	ug/L
n-butylbenzene	0.500U	ug/L
o-dichlorobenzene	0.500U	ug/L



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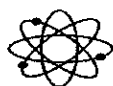
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Analyst: CTH

Blank	Result	Units
sec-butylbenzene	0.200U	ug/L
tert-butylbenzene	0.400U	ug/L
trans-1,2-dichloroethene	0.500U	ug/L
trans-1,3,-Dichloropropene	0.500U	ug/L
trans-1,4-dichloro-2-butene	1.00U	ug/L
Surr:1,2-Dichloroethane-d4	32.7	ug/L
Surr:Bromofluorobenzene	31.5	ug/L
Surr:Toluene-d8	30.8	ug/L

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
1,1,1,2-Tetrachloroethane	40.9	ug/L	40.0	102.28	50.00-170.00
1,1,1-Trichloroethane	38.7	ug/L	40.0	96.75	50.00-170.00
1,1,2,2-Tetrachloroethane	36.2	ug/L	40.0	90.57	50.00-170.00
1,1,2-Trichloroethane	36.3	ug/L	40.0	90.80	50.00-170.00
1,1-Dichloroethane	29.6	ug/L	40.0	73.98	50.00-170.00
1,1-Dichloroethene	34.2	ug/L	40.0	85.40	50.00-170.00
1,1-Dichloropropene	38.1	ug/L	40.0	95.22	50.00-170.00
1,2,3-Trichlorobenzene	43.5	ug/L	40.0	108.80	50.00-170.00
1,2,3-Trichloropropane	33.6	ug/L	40.0	83.97	50.00-170.00
1,2,4-Trimethylbenzene	46.2	ug/L	40.0	115.55	50.00-170.00
1,2,4-trichlorobenzene	43.2	ug/L	40.0	108.05	50.00-170.00
1,2-dibromo-3-chloropropane	41.1	ug/L	40.0	102.62	50.00-170.00
1,2-dichloroethane	39.5	ug/L	40.0	98.80	50.00-170.00
1,2-dichloropropane	37.8	ug/L	40.0	94.50	50.00-170.00
1,3,5-Trimethylbenzene	38.6	ug/L	40.0	96.40	50.00-170.00
1,3-Dichloropropane	38.5	ug/L	40.0	96.18	50.00-170.00
2,2-Dichloropropane	51.4	ug/L	40.0	128.40	50.00-170.00
2-Butanone (MEK)	26.3	ug/L	40.0	65.75	50.00-170.00
2-Chlorotoluene	41.4	ug/L	40.0	103.45	50.00-170.00



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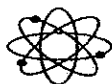
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Quality Control Batch: 10330376

Analyst: CTH

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
2-Hexanone	ug/L	40.0	98.77	50.00-170.00
4-Chlorotoluene	ug/L	40.0	104.22	50.00-170.00
4-Isopropyltoluene	ug/L	40.0	122.85	50.00-170.00
Acetone	ug/L	40.0	55.73	50.00-170.00
Benzene	ug/L	40.0	98.73	50.00-170.00
Bromobenzene	ug/L	40.0	102.55	50.00-170.00
Bromochloromethane	ug/L	40.0	82.52	50.00-170.00
Bromodichloromethane	ug/L	40.0	97.70	50.00-170.00
Bromoform	ug/L	40.0	78.45	50.00-170.00
Bromomethane	ug/L	40.0	99.80	50.00-170.00
Carbon Disulfide	ug/L	40.0	92.33	50.00-170.00
Carbon Tetrachloride	ug/L	40.0	107.62	50.00-170.00
Chlorobenzene	ug/L	40.0	101.90	50.00-170.00
Chloroethane	ug/L	40.0	100.70	50.00-170.00
Chloroform	ug/L	40.0	93.65	50.00-170.00
Chloromethane	ug/L	40.0	88.12	50.00-170.00
Dibromochloromethane	ug/L	40.0	94.77	50.00-170.00
Dibromomethane	ug/L	40.0	83.57	50.00-170.00
Dichlorodifluoromethane	ug/L	40.0	101.30	50.00-170.00
Ethylbenzene	ug/L	40.0	95.78	50.00-170.00
Hexachlorobutadiene	ug/L	40.0	104.50	50.00-170.00
Hexachloroethane	ug/L	40.0	97.68	20.00-160.00
Isopropylbenzene	ug/L	40.0	98.53	50.00-170.00
Methyl Iodide	ug/L	40.0	88.47	50.00-170.00
Methyl isobutyl ketone	ug/L	40.0	91.25	50.00-170.00
Methyl-tert-butylether	ug/L	40.0	92.08	50.00-170.00
Methylene chloride	ug/L	40.0	89.08	50.00-170.00
Naphthalene	ug/L	40.0	97.45	50.00-170.00
Para-dichlorobenzene	ug/L	40.0	102.70	50.00-170.00



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PO #: 40612
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Quality Control Batch: 10330376

Analyst: CTH

Laboratory Control Sample

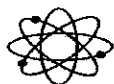
Result	Units	Spike	%REC	%REC Lim
41.5	ug/L	40.0	103.73	50.00-170.00
39.1	ug/L	40.0	97.65	50.00-170.00
41.5	ug/L	40.0	103.82	50.00-170.00
41.1	ug/L	40.0	102.73	50.00-170.00
39.9	ug/L	40.0	99.68	50.00-170.00
39.8	ug/L	40.0	99.53	50.00-170.00
115	ug/L	120	96.18	50.00-170.00
35.8	ug/L	40.0	89.60	50.00-170.00
35.3	ug/L	40.0	88.20	50.00-170.00
40.7	ug/L	40.0	101.62	50.00-170.00
38.0	ug/L	40.0	95.07	50.00-170.00
55.0	ug/L	40.0	137.43	50.00-170.00
35.6	ug/L	40.0	89.10	50.00-170.00
45.0	ug/L	40.0	112.45	50.00-170.00
35.5	ug/L	40.0	88.80	50.00-170.00
38.0	ug/L	40.0	95.07	50.00-170.00
41.4	ug/L	40.0	103.52	50.00-170.00
30.4	ug/L	30.0	101.23	50.00-170.00
27.9	ug/L	30.0	92.87	50.00-170.00
29.9	ug/L	30.0	99.80	50.00-170.00

Matrix Spike

Result	Units	Spike	%REC	%REC Lim	Sample
17.5	ug/L	20.0	87.40	50.00-170.00	0.500U
16.5	ug/L	20.0	82.30	50.00-170.00	0.500U
16.0	ug/L	20.0	79.75	50.00-170.00	0.100U
15.9	ug/L	20.0	79.60	50.00-170.00	0.500U
14.7	ug/L	20.0	73.35	50.00-170.00	0.500U
17.2	ug/L	20.0	85.90	50.00-170.00	0.500U
16.3	ug/L	20.0	81.55	50.00-170.00	0.200U

FLDOH: E83018 (Main Lab) FLDOH: E86562 (South Lab) FLDOH: E82405 (North Lab) FLDOH: E35834 (Keys Lab)

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FLOWERS CHEMICAL LABORATORIES INC.

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Phone: 850-973-6878 E82405 (North Lab)
Phone: 305-743-8598 E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 5, 2017
Jan 20, 2017; Invoice: 319842

Quality Control Batch: 10330376

Analyst: CTH

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
1,2,3-Trichlorobenzene	16.2	ug/L	20.0	81.20	50.00-170.00	0.500U
1,2,3-Trichloropropane	15.6	ug/L	20.0	77.85	50.00-170.00	0.500U
1,2,4-Trimethylbenzene	19.0	ug/L	20.0	95.15	50.00-170.00	0.500U
1,2,4-trichlorobenzene	15.5	ug/L	20.0	77.55	50.00-170.00	0.500U
1,2-dibromo-3-chloropropane	18.1	ug/L	20.0	90.60	50.00-170.00	0.100U
1,2-dichloroethane	18.4	ug/L	20.0	91.85	50.00-170.00	0.500U
1,2-dichloropropane	17.1	ug/L	20.0	85.55	50.00-170.00	0.200U
1,3,5-Trimethylbenzene	17.4	ug/L	20.0	86.85	50.00-170.00	0.500U
1,3-Dichloropropane	16.5	ug/L	20.0	82.30	50.00-170.00	0.300U
2,2-Dichloropropane	21.5	ug/L	20.0	107.30	50.00-170.00	0.500U
2-Butanone (MEK)	15.7	ug/L	20.0	78.55	50.00-170.00	0.500U
2-Chlorotoluene	18.5	ug/L	20.0	92.50	50.00-170.00	0.500U
2-Hexanone	18.3	ug/L	20.0	91.30	50.00-170.00	0.500U
4-Chlorotoluene	18.1	ug/L	20.0	90.25	50.00-170.00	0.500U
4-Isopropyltoluene	19.7	ug/L	20.0	98.55	50.00-170.00	0.500U
Acetone	19.8	ug/L	20.0	98.90	50.00-170.00	0.500U
Benzene	17.5	ug/L	20.0	87.65	50.00-170.00	0.500U
Bromobenzene	18.1	ug/L	20.0	90.25	50.00-170.00	0.200U
Bromochloromethane	15.7	ug/L	20.0	78.35	50.00-170.00	0.100U
Bromodichloromethane	18.2	ug/L	20.0	90.80	50.00-170.00	0.100U
Bromoform	13.9	ug/L	20.0	69.70	50.00-170.00	0.500U
Bromomethane	19.3	ug/L	20.0	96.55	50.00-170.00	0.500U
Carbon Tetrachloride	18.6	ug/L	20.0	92.90	50.00-170.00	0.500U
Chlorobenzene	17.9	ug/L	20.0	89.25	50.00-170.00	0.500U
Chloroethane	19.6	ug/L	20.0	97.95	50.00-170.00	0.500U
Chloroform	17.6	ug/L	20.0	87.80	50.00-170.00	0.500U
Chloromethane	17.7	ug/L	20.0	88.40	50.00-170.00	0.500U
Dibromochloromethane	16.9	ug/L	20.0	84.60	50.00-170.00	0.400U
Dibromomethane	16.4	ug/L	20.0	81.80	50.00-170.00	0.500U



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Atkins-Tampa
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PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 5, 2017
Jan 20, 2017; Invoice: 319842

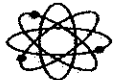
Quality Control Batch: 10330376

Analyst: OTH

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
Dichlorodifluoromethane	29.4	ug/L	20.0	147.10	50.00-170.00	0.500U
Ethylbenzene	16.6	ug/L	20.0	83.10	50.00-170.00	0.500U
Hexachlorobutadiene	19.3	ug/L	20.0	96.25	50.00-170.00	0.400U
Hexachloroethane	18.2	ug/L	20.0	90.95	20.00-160.00	0.500U
Isopropylbenzene	16.7	ug/L	20.0	83.45	50.00-170.00	0.500U
Methyl Iodide	16.9	ug/L	20.0	84.60	50.00-170.00	1.00U
Methyl isobutyl ketone	18.4	ug/L	20.0	91.85	50.00-170.00	1.00U
Methyl-tert-butylether	16.4	ug/L	20.0	81.85	50.00-170.00	1.00U
Methylene chloride	17.5	ug/L	20.0	87.50	50.00-170.00	1.00U
Naphthalene	14.5	ug/L	20.0	72.65	50.00-170.00	0.500U
Para-dichlorobenzene	17.5	ug/L	20.0	87.30	50.00-170.00	0.500U
Styrene	17.8	ug/L	20.0	89.15	50.00-170.00	0.500U
Tetrachloroethene	16.0	ug/L	20.0	80.00	50.00-170.00	0.500U
Toluene	17.4	ug/L	20.0	86.90	50.00-170.00	0.500U
Trichloroethene	18.3	ug/L	20.0	91.70	50.00-170.00	0.500U
Trichlorofluoromethane	19.5	ug/L	20.0	97.35	50.00-170.00	0.500U
Vinyl chloride	17.3	ug/L	20.0	86.25	50.00-170.00	0.500U
Xylenes	50.0	ug/L	60.0	83.27	50.00-170.00	0.500U
cis-1,2-dichloroethene	17.3	ug/L	20.0	86.35	50.00-170.00	0.200U
cis-1,3-Dichloropropene	16.3	ug/L	20.0	81.55	50.00-170.00	0.500U
m-dichlorobenzene	17.7	ug/L	20.0	88.25	50.00-170.00	0.500U
n-Propylbenzene	17.7	ug/L	20.0	88.35	50.00-170.00	0.200U
n-butylbenzene	18.5	ug/L	20.0	92.55	50.00-170.00	0.500U
o-dichlorobenzene	15.6	ug/L	20.0	77.95	50.00-170.00	0.500U
sec-butylbenzene	20.5	ug/L	20.0	102.55	50.00-170.00	0.200U
tert-butylbenzene	18.8	ug/L	20.0	93.75	50.00-170.00	0.400U
trans-1,2-dichloroethene	18.1	ug/L	20.0	90.25	50.00-170.00	0.500U
trans-1,3,-Dichloropropene	17.2	ug/L	20.0	85.80	50.00-170.00	0.500U
Surr:1,2-Dichloroethane-d4	33.6	ug/L	30.0	112.00	50.00-170.00	

FLDOH: E83018 (Main Lab) FLDOH: E86562 (South Lab) FLDOH: E82405 (North Lab) FLDOH: E35834 (Keys Lab)

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FLOWERS CHEMICAL LABORATORIES INC.

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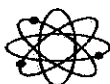
Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 5, 2017
Jan 20, 2017; Invoice: 319842

Quality Control Batch: 10330376

Analyst: CTH

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample		
Surr:Bromofluorobenzene	29.5	ug/L	30.0	98.30	50.00-170.00			
Surr:Toluene-d8	31.2	ug/L	30.0	104.07	50.00-170.00			
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
1,1,1,2-Tetrachloroethane	24.3	ug/L	20.0	121.55	50.00-170.00	0.500U	32.69	30.00
1,1,1-Trichloroethane	21.4	ug/L	20.0	107.00	50.00-170.00	0.500U	26.10	30.00
1,1,2,2-Tetrachloroethane	21.1	ug/L	20.0	105.60	50.00-170.00	0.100U	27.89	30.00
1,1,2-Trichloroethane	21.6	ug/L	20.0	108.05	50.00-170.00	0.500U	30.32	30.00
1,1-Dichloroethane	18.8	ug/L	20.0	93.80	50.00-170.00	0.500U	24.47	30.00
1,1-Dichloroethene	21.1	ug/L	20.0	105.30	50.00-170.00	0.500U	20.29	30.00
1,1-Dichloropropene	21.1	ug/L	20.0	105.25	50.00-170.00	0.200U	25.37	30.00
1,2,3-Trichlorobenzene	19.9	ug/L	20.0	99.50	50.00-170.00	0.500U	20.25	30.00
1,2,3-Trichloropropane	19.7	ug/L	20.0	98.30	50.00-170.00	0.500U	23.22	30.00
1,2,4-Trimethylbenzene	25.9	ug/L	20.0	129.50	50.00-170.00	0.500U	30.58	30.00
1,2,4-trichlorobenzene	20.2	ug/L	20.0	100.80	50.00-170.00	0.500U	26.07	30.00
1,2-dibromo-3-chloropropane	23.0	ug/L	20.0	114.95	50.00-170.00	0.100U	23.69	30.00
1,2-dichloroethane	25.0	ug/L	20.0	125.00	50.00-170.00	0.500U	30.57	30.00
1,2-dichloropropane	23.5	ug/L	20.0	117.60	50.00-170.00	0.200U	31.55	30.00
1,3,5-Trimethylbenzene	22.1	ug/L	20.0	110.70	50.00-170.00	0.500U	24.15	30.00
1,3-Dichloropropane	22.8	ug/L	20.0	114.10	50.00-170.00	0.300U	32.38	30.00
2,2-Dichloropropane	19.9	ug/L	20.0	99.50	50.00-170.00	0.500U	7.54	30.00
2-Butanone (MEK)	17.6	ug/L	20.0	87.75	50.00-170.00	0.500U	11.06	30.00
2-Chlorotoluene	24.5	ug/L	20.0	122.50	50.00-170.00	0.500U	27.91	30.00
2-Hexanone	21.3	ug/L	20.0	106.50	50.00-170.00	0.500U	15.37	30.00
4-Chlorotoluene	23.8	ug/L	20.0	118.75	50.00-170.00	0.500U	27.27	30.00
4-Isopropyltoluene	26.2	ug/L	20.0	131.00	50.00-170.00	0.500U	28.27	30.00
Acetone	18.1	ug/L	20.0	90.55	50.00-170.00	5.00U	8.81	30.00
Benzene	23.6	ug/L	20.0	117.75	50.00-170.00	0.500U	29.31	30.00
Bromobenzene	23.6	ug/L	20.0	118.10	50.00-170.00	0.200U	26.73	30.00



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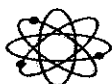
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Date Sampled: Jan 5, 2017
Jan 20, 2017; Invoice: 319842

Quality Control Batch: 10330376	Analyst: CTH							
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Bromochloromethane	20.2	ug/L	20.0	100.80	50.00-170.00	0.100U	25.06	30.00
Bromodichloromethane	24.5	ug/L	20.0	122.45	50.00-170.00	0.100U	29.68	30.00
Bromoform	23.4	ug/L	20.0	116.75	50.00-170.00	0.500U	50.47	30.00
Bromomethane	24.6	ug/L	20.0	123.10	50.00-170.00	0.500U	24.17	30.00
Carbon Tetrachloride	24.3	ug/L	20.0	121.25	50.00-170.00	0.500U	26.48	30.00
Chlorobenzene	24.1	ug/L	20.0	120.70	50.00-170.00	0.500U	29.96	30.00
Chloroethane	24.4	ug/L	20.0	121.80	50.00-170.00	0.500U	21.71	30.00
Chloroform	23.5	ug/L	20.0	117.40	50.00-170.00	0.500U	28.85	30.00
Chloromethane	21.9	ug/L	20.0	109.35	50.00-170.00	0.500U	21.19	30.00
Dibromochloromethane	25.7	ug/L	20.0	128.45	50.00-170.00	0.400U	41.16	30.00
Dibromomethane	20.6	ug/L	20.0	102.90	50.00-170.00	0.500U	22.85	30.00
Dichlorodifluoromethane	35.7	ug/L	20.0	178.70	50.00-170.00	0.500U	19.40	30.00
Ethylbenzene	22.2	ug/L	20.0	111.05	50.00-170.00	0.500U	28.79	30.00
Hexachlorobutadiene	23.4	ug/L	20.0	116.75	50.00-170.00	0.400U	19.25	30.00
Hexachloroethane	25.6	ug/L	20.0	128.10	20.00-160.00	0.500U	33.92	30.00
Isopropylbenzene	21.9	ug/L	20.0	109.35	50.00-170.00	0.500U	26.87	30.00
Methyl Iodide	22.4	ug/L	20.0	111.85	50.00-170.00	1.00U	27.74	30.00
Methyl isobutyl ketone	21.2	ug/L	20.0	106.15	50.00-170.00	1.00U	14.44	30.00
Methyl-tert-butylether	22.4	ug/L	20.0	111.80	50.00-170.00	1.00U	30.93	30.00
Methylene chloride	22.8	ug/L	20.0	113.75	50.00-170.00	1.00U	26.09	30.00
Naphthalene	17.2	ug/L	20.0	86.15	50.00-170.00	0.500U	17.00	30.00
Para-dichlorobenzene	23.9	ug/L	20.0	119.65	50.00-170.00	0.500U	31.26	30.00
Styrene	23.8	ug/L	20.0	118.85	50.00-170.00	0.500U	28.56	30.00
Tetrachloroethene	21.1	ug/L	20.0	105.60	50.00-170.00	0.500U	27.59	30.00
Toluene	24.7	ug/L	20.0	123.60	50.00-170.00	0.500U	34.87	30.00
Trichloroethene	23.4	ug/L	20.0	116.95	50.00-170.00	0.500U	24.20	30.00
Trichlorofluoromethane	22.9	ug/L	20.0	114.40	50.00-170.00	0.500U	16.10	30.00
Vinyl chloride	22.0	ug/L	20.0	110.00	50.00-170.00	0.500U	24.20	30.00
Xylenes	66.7	ug/L	60.0	111.20	50.00-170.00	0.500U	28.73	30.00



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PO #: 40612
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Date Sampled: Jan 5, 2017
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Quality Control Batch: 10330376		Analyst: CTH							
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim	
cis-1,2-dichloroethene	22.6	ug/L	20.0	113.15	50.00-170.00	0.200U	26.87	30.00	
cis-1,3-Dichloropropene	20.3	ug/L	20.0	101.60	50.00-170.00	0.500U	21.89	30.00	
m-dichlorobenzene	23.7	ug/L	20.0	118.50	50.00-170.00	0.500U	29.26	30.00	
n-Propylbenzene	21.9	ug/L	20.0	109.45	50.00-170.00	0.200U	21.33	30.00	
n-butylbenzene	25.3	ug/L	20.0	126.45	50.00-170.00	0.500U	30.96	30.00	
o-dichlorobenzene	20.9	ug/L	20.0	104.45	50.00-170.00	0.500U	29.06	30.00	
sec-butylbenzene	26.2	ug/L	20.0	131.10	50.00-170.00	0.200U	24.44	30.00	
tert-butylbenzene	20.2	ug/L	20.0	101.15	50.00-170.00	0.400U	7.59	30.00	
trans-1,2-dichloroethene	24.2	ug/L	20.0	120.90	50.00-170.00	0.500U	29.03	30.00	
trans-1,3,-Dichloropropene	23.6	ug/L	20.0	117.80	50.00-170.00	0.500U	31.43	30.00	
Surr:1,2-Dichloroethane-d4	31.8	ug/L	30.0	106.10	50.00-170.00		5.41	30.00	
Surr:Bromofluorobenzene	27.7	ug/L	30.0	92.23	50.00-170.00		6.37	30.00	
Surr:Toluene-d8	30.2	ug/L	30.0	100.67	50.00-170.00		3.32	30.00	

Quality Control Batch: 10330465		Analyst: EVB	
Blank	Result	Units	
Aluminum	0.0100U	mg/L	
Antimony	0.00200U	mg/L	
Arsenic	0.00100U	mg/L	
Barium	0.00200U	mg/L	
Beryllium	0.000500U	mg/L	
Cadmium	0.000200U	mg/L	
Chromium	0.00100U	mg/L	
Cobalt	0.00100U	mg/L	
Copper	0.00100U	mg/L	
Lead	0.00100U	mg/L	
Nickel	0.00100U	mg/L	
Selenium	0.00200U	mg/L	
Silver	0.000500U	mg/L	



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PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 5, 2017
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Quality Control Batch: 10330465

Analyst: EVB

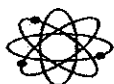
Blank	Result	Units
Thallium	0.00100U	mg/L
Vanadium	0.00100U	mg/L
Zinc	0.0100U	mg/L

Laboratory Control Sample

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Aluminum	0.0989	mg/L	0.100	98.90	80.00-120.00
Antimony	0.0864	mg/L	0.100	86.40	80.00-120.00
Arsenic	0.0986	mg/L	0.100	98.60	80.00-120.00
Barium	0.0961	mg/L	0.100	96.10	80.00-120.00
Beryllium	0.0988	mg/L	0.100	98.80	80.00-120.00
Cadmium	0.0931	mg/L	0.100	93.10	80.00-120.00
Chromium	0.101	mg/L	0.100	100.50	80.00-120.00
Cobalt	0.0988	mg/L	0.100	98.80	80.00-120.00
Copper	0.101	mg/L	0.100	101.00	80.00-120.00
Lead	0.104	mg/L	0.100	103.50	80.00-120.00
Nickel	0.0985	mg/L	0.100	98.50	80.00-120.00
Selenium	0.101	mg/L	0.100	100.50	80.00-120.00
Silver	0.0978	mg/L	0.100	97.80	80.00-120.00
Thallium	0.100	mg/L	0.100	100.30	80.00-120.00
Vanadium	0.0958	mg/L	0.100	95.80	80.00-120.00
Zinc	0.0925	mg/L	0.100	92.50	80.00-120.00

Matrix Spike

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
Aluminum	0.0942	mg/L	0.200	47.10	75.00-125.00	0.0100U
Antimony	0.0917	mg/L	0.200	45.85	75.00-125.00	0.00200U
Arsenic	0.113	mg/L	0.200	56.50	75.00-125.00	0.00100U
Barium	0.0996	mg/L	0.200	49.80	75.00-125.00	0.00200U
Beryllium	0.0977	mg/L	0.200	48.85	75.00-125.00	0.000500U
Cadmium	0.0869	mg/L	0.200	43.45	75.00-125.00	0.000200U



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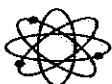
Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 5, 2017
Jan 20, 2017; Invoice: 319842

Quality Control Batch: 10330465

Analyst: EVB

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Chromium	0.117	mg/L	0.200	58.35	75.00-125.00	0.00100U		
Cobalt	0.110	mg/L	0.200	55.00	75.00-125.00	0.00100U		
Copper	0.124	mg/L	0.200	52.05	75.00-125.00	0.0196		
Lead	0.0929	mg/L	0.200	46.45	75.00-125.00	0.00100U		
Nickel	0.141	mg/L	0.200	50.90	75.00-125.00	0.0394		
Selenium	0.0980	mg/L	0.200	49.00	75.00-125.00	0.00200U		
Silver	0.0729	mg/L	0.200	36.45	75.00-125.00	0.000500U		
Thallium	0.0961	mg/L	0.200	48.05	75.00-125.00	0.00100U		
Vanadium	0.119	mg/L	0.200	59.25	75.00-125.00	0.00100U		
Zinc	0.281	mg/L	0.200	49.45	75.00-125.00	0.182		
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Aluminum	0.0927	mg/L	0.200	46.35	75.00-125.00	0.0100U	1.61	20.00
Antimony	0.0942	mg/L	0.200	47.10	75.00-125.00	0.00200U	2.69	20.00
Arsenic	0.111	mg/L	0.200	55.55	75.00-125.00	0.00100U	1.70	20.00
Barium	0.0992	mg/L	0.200	49.60	75.00-125.00	0.00200U	0.40	20.00
Beryllium	0.0964	mg/L	0.200	48.20	75.00-125.00	0.000500U	1.34	20.00
Cadmium	0.0852	mg/L	0.200	42.60	75.00-125.00	0.000200U	1.98	20.00
Chromium	0.115	mg/L	0.200	57.45	75.00-125.00	0.00100U	1.55	20.00
Cobalt	0.110	mg/L	0.200	55.20	75.00-125.00	0.00100U	0.36	20.00
Copper	0.124	mg/L	0.200	52.25	75.00-125.00	0.0196	0.32	20.00
Lead	0.0925	mg/L	0.200	46.25	75.00-125.00	0.00100U	0.43	20.00
Nickel	0.143	mg/L	0.200	51.85	75.00-125.00	0.0394	1.34	20.00
Selenium	0.0976	mg/L	0.200	48.80	75.00-125.00	0.00200U	0.41	20.00
Silver	0.0730	mg/L	0.200	36.50	75.00-125.00	0.000500U	0.14	20.00
Thallium	0.0962	mg/L	0.200	48.10	75.00-125.00	0.00100U	0.10	20.00
Vanadium	0.119	mg/L	0.200	59.35	75.00-125.00	0.00100U	0.17	20.00
Zinc	0.297	mg/L	0.200	57.45	75.00-125.00	0.182	5.54	20.00



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Atkins-Tampa
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Tampa, FL 33607

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Jan 5, 2017
Jan 20, 2017; Invoice: 319842

Quality Control Batch: 10330487

Analyst: EVB

Blank

	Result	Units
Iron	0.0100U	mg/L

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Iron	5.30	mg/L	5.00	105.99	80.00-120.00

Matrix Spike

	Result	Units	Spike	%REC	%REC Lim	Sample
Iron	5.01	mg/L	5.00	100.29	75.00-125.00	0.0100U

Matrix Spike Duplicate

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Iron	4.88	mg/L	5.00	97.64	75.00-125.00	0.0100U	2.68	20.00

Quality Control Batch: 10330494

Analyst: EVB

Blank

	Result	Units
Total Hardness (as CaCO ₃)	0.100U	mg/L

Quality Control Batch: 10330499

Analyst: PLB

Blank

	Result	Units
TDS	2.50U	mg/L

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
TDS	1510	mg/L	1500	100.80	50.00-170.00

Quality Control Batch: 10330506

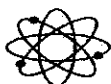
Analyst: PLB

Blank

	Result	Units
TSS	1.00U	mg/L

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
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Date Sampled: Jan 5, 2017
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Quality Control Batch: 10330506**Analyst: PLB****Laboratory Control Sample**

TSS

Result	Units	Spike	%REC	%REC Lim
96.0	mg/L	97.2	98.75	50.00-150.00

Quality Control Batch: 10330605**Analyst: EVB****Blank**

Mercury

Result	Units
0.0000200U	mg/L

Laboratory Control Sample

Mercury

Result	Units	Spike	%REC	%REC Lim
0.000983	mg/L	0.00100	98.29	80.00-120.00

Matrix Spike

Mercury

Result	Units	Spike	%REC	%REC Lim	Sample
0.00302	mg/L	0.00300	102.92	80.00-120.00	-0.0000655

Matrix Spike Duplicate

Mercury

Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
0.00305	mg/L	0.00300	103.68	80.00-120.00	-0.0000655	0.76	20.00

Quality Control Batch: 10330686**Analyst: JEB****Blank**

BOD5day

Result	Units
2.00U	mg/L

Laboratory Control Sample

BOD5day

Result	Units	Spike	%REC	%REC Lim
228	mg/L	198	115.25	85.00-115.00

Quality Control Batch: 10330693**Analyst: DLJ****Blank**

1,2,3-Trichloropropane

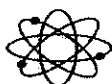
Result	Units
0.0200U	ug/L

1,2-Dibromoethane (EDB)

0.0100U	ug/L
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1,2-dibromo-3-chloropropane

0.0200U	ug/L
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Quality Control Batch: 10330693

Analyst: DLJ

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
0.256	ug/L	0.250	102.32	50.00-170.00
0.220	ug/L	0.250	88.00	50.00-170.00
0.231	ug/L	0.250	92.36	50.00-170.00

Matrix Spike

Result	Units	Spike	%REC	%REC Lim	Sample
0.262	ug/L	0.250	104.96	50.00-170.00	0.0199U
0.239	ug/L	0.250	95.60	50.00-170.00	0.00997U
0.243	ug/L	0.250	97.36	50.00-170.00	0.0199U

Matrix Spike Duplicate

Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
0.285	ug/L	0.250	113.92	50.00-170.00	0.0199U	8.19	30.00
0.238	ug/L	0.250	95.24	50.00-170.00	0.00997U	0.38	30.00
0.250	ug/L	0.250	100.04	50.00-170.00	0.0199U	2.72	30.00

Quality Control Batch: 10331148

Analyst: VLB

Blank

Result	Units
0.0400U	mg/L

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
2.89	mg/L	3.00	96.38	85.00-115.00

Matrix Spike

Result	Units	Spike	%REC	%REC Lim	Sample
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Quality Control Batch: 10331148**Analyst: VLB****Matrix Spike**

Total Phosphorus(as P)

Result	Units	Spike	%REC	%REC Lim	Sample
2.24	mg/L	1.50	104.75	85.00-115.00	0.673

Matrix Spike Duplicate

Total Phosphorus(as P)

Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
2.26	mg/L	1.50	105.82	85.00-115.00	0.673	0.71	20.00

Quality Control Batch: 10331264**Analyst: PCW****Blank**

TOC

Result	Units
1.00U	mg/L

Laboratory Control Sample

TOC

Result	Units	Spike	%REC	%REC Lim
9.34	mg/L	10.0	93.36	80.00-120.00

Matrix Spike

TOC

Result	Units	Spike	%REC	%REC Lim	Sample
30.2	mg/L	10.0	61.78	80.00-120.00	24.0

Matrix Spike Duplicate

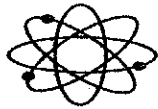
TOC

Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
30.9	mg/L	10.0	69.63	80.00-120.00	24.0	2.57	20.00

Quality Control Batch: 10331466**Analyst: TRB****Blank**

Chlorophyll a

Result	Units
0.0200U	ug/L



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Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis.

Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody

Qualifier	Meaning
U	Compound was analyzed for but not detected.
J	Estimated value; one or more QC components associated with this data value exceed current QC limits.
Q	Sample held beyond the accepted holding time.
L	Off-scale high; reported concentration exceeds the highest standard.
V	Analyte was detected in both the sample and the associated method blank.
W	The dissolved oxygen blank was above 0.2 mg/L but less than the MDL.
Z	Too numerous to count colonies on plate.
A	Absent
P	Present
T	Value reported is less than the statistical method detection limit. Reported for informational purposes only.
M	Value reported is greater than the statistical method detection limit, but less than the reported MDL.
G	The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data.
S	The least of the dilutions performed did not yield sufficient oxygen residual for valid data.
O	Result is greater than (over) the specified value.
I	Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
B	Results based upon colony plate count outside ideal range.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

Check Box That Applies To Your Location

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481 Newburyport Ave.
Altamonte Springs, FL 32701
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Fax: 407-260-6110

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Port St. Lucie, FL 34986
Bus: 772-343-8006
Fax: 772-343-8089

☐ Flowers Chemical Labs-North

812 S.W. Harvey Greene Dr.
Madison, FL 32340
Bus: 850-973-6878
Fax: 850-973-6878

☐ Flowers Chemical Labs-Keys

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Marathon, FL 33050
Bus: 305-743-8598
Fax: 305-743-8598



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Client: **Atkins North America** Project Name: **Hardee Co. Landfill** P.O. #: **100053538**

Address: **4030 W. Bay Scout Boulevard** Client Contact: **Brad Bayne** FAX: **813-636-2583**

Phone: **813-282-7275** FCL Project Manager: **June Flowers** E-MAIL: **bradley.bayne@atkinsalb.com**

Sampled By (PRINT): **Bradley Bayne** Requested Due Date: **10 Day Standard** OR **OR** Rush Charges May Apply

Sampler Signature: *Bradley Bayne* Pick-Up Fee: \$ **Vehicle Surcharge** \$ **Sampling Fee** \$

ITEM NO.	SAMPLE ID	DATE	TIME	MATRIX	(LAB USE ONLY) LAB NO.	PRESERVATIVES				ANALYSES REQUEST				COMMENTS	Total # Containers
						H ₂ O ₂	HNO ₃	HCl	Na ₂ S ₂ O ₃	Me ₂ S + H ₂ O	Fe ₂ (SO ₄) ₃	Chloroform	TDS		
1	SW-2	1/5/17	11:30	SW	3198425w1	6	2	1	3	1	✓	✓	✓	✓	✓
2	Trip Blank				3198425w2						✓	✓	✓	✓	✓
3															
4															
5															
6															
7															
8															
9															
10															
Relinquished By / Affiliation: <i>Bradley Bayne</i> Date: <i>1/5/17</i> Time: <i>11:01</i> Accepted By / Affiliation: <i>June Flowers</i> Date: <i>1/5/17</i> Time: <i>2:23</i> Relinquished By / Affiliation: <i>June Flowers</i> Date: <i>1/5/17</i> Time: <i>1423</i>															

FINANCE CHARGES APPLIED TO PAST DUE INVOICES

• WHITE - Lab Copy - To Be Scanned • YELLOW - Client Copy