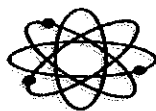


ATTACHMENT C

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

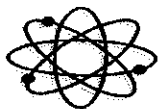
PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Dec 17, 2015
Dec 29, 2015; Invoice: 285648

Report Summary

Date Received: Dec 18, 2015

FCL Project Manager: June S. Flowers

Laboratory #	Sample Description	Analysis	Chemist	Location	SampleMatrix
285648GW1	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	CLL	Main Lab	
		FT1100	CLL	Main Lab	
		FT1200	CLL	Main Lab	
		FT1400	CLL	Main Lab	
		FT1500	CLL	Main Lab	
		FT1600	CLL	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	VLB	Main Lab	
285648GW2	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	CLL	Main Lab	
		FT1100	CLL	Main Lab	
		FT1200	CLL	Main Lab	
		FT1400	CLL	Main Lab	
		FT1500	CLL	Main Lab	
		FT1600	CLL	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	VLB	Main Lab	
285648GW3	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	CLL	Main Lab	
		FT1100	CLL	Main Lab	
		FT1200	CLL	Main Lab	
		FT1400	CLL	Main Lab	
		FT1500	CLL	Main Lab	



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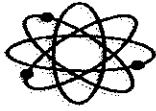
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285648GW4	MW-10R/22930	FT1600	CLL	Main Lab	Ground Water
		SM2540 C	PLB	Main Lab	
		SM4500-Cl E	VLB	Main Lab	
		EPA350.1	PCW	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CTH	Main Lab	
		FT1000	CLL	Main Lab	
		FT1100	CLL	Main Lab	
		FT1200	CLL	Main Lab	
		FT1400	CLL	Main Lab	
		FT1500	CLL	Main Lab	
285648GW5	MW-11/21882	FT1600	CLL	Main Lab	Ground Water
		SM2540 C	PLB	Main Lab	
		SM4500-Cl 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	CLL	Main Lab	
		FT1100	CLL	Main Lab	
		FT1200	CLL	Main Lab	
		FT1400	CLL	Main Lab	
		FT1500	CLL	Main Lab	
285648GW6	MW-12R/22931	FT1600	CLL	Main Lab	Ground Water
		SM2540 C	PLB	Main Lab	
		SM4500-Cl 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	CLL	Main Lab	
		FT1100	CLL	Main Lab	
		FT1200	CLL	Main Lab	
		FT1400	CLL	Main Lab	
		FT1500	CLL	Main Lab	
		FT1600	CLL	Main Lab	
		SM2540 C	PLB	Main Lab	



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Dec 29, 2015; Invoice: 285648

285648GW7	MW-13/29063	SM4500-CI E	VLB	Main Lab	Ground Water
		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	CLL	Main Lab	
		FT1100	CLL	Main Lab	
		FT1200	CLL	Main Lab	
		FT1400	CLL	Main Lab	
		FT1500	CLL	Main Lab	
		FT1600	CLL	Main Lab	
		SM2540 C	PLB	Main Lab	
		285648GW8	MW-14/29064	SM4500-CI E	
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	CLL			Main Lab	
FT1100	CLL			Main Lab	
FT1200	CLL			Main Lab	
FT1400	CLL			Main Lab	
FT1500	CLL			Main Lab	
FT1600	CLL			Main Lab	
SM2540 C	PLB			Main Lab	
SM4500-CI E	VLB			Main Lab	

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
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Tampa, FL 33607

PO #: 40612

Client Project #: Hardee County Regional Landfill

Date Sampled: Dec 17, 2015

Dec 29, 2015; Invoice: 285648

Analysis Report

Lab #: 285648GW1 Sampled: 12/17/15 01:22 PM Desc: MW-1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Iron	0.528	mg/L	1.00	0.0100	0.0200	10299648	EPA6010	7439-89-6	12/21/15
Sodium	4.99	mg/L	1.00	0.500	1.00	10299648	EPA6010	7440-23-5	12/21/15
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	630-20-6	12/22/15
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	71-55-6	12/22/15
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10299756	EPA8260	79-34-5	12/22/15
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	79-00-5	12/22/15
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-34-3	12/22/15
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-35-4	12/22/15
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10299756	EPA8260	107-06-2	12/22/15
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10299756	EPA8260	78-87-5	12/22/15
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	78-93-3	12/22/15
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	591-78-6	12/22/15
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10299756	EPA8260	67-64-1	12/22/15
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10299756	EPA8260	107-13-1	12/22/15
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	71-43-2	12/22/15
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10299756	EPA8260	074-97-5	12/22/15
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10299756	EPA8260	75-27-4	12/22/15
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-25-2	12/22/15
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	74-83-9	12/22/15
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	75-15-0	12/22/15
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	56-23-5	12/22/15
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	108-90-7	12/22/15
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-00-3	12/22/15
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	67-66-3	12/22/15
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	74-87-3	12/22/15
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10299756	EPA8260	124-48-1	12/22/15
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	074-95-3	12/22/15



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Atkins-Tampa
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Tampa, FL 33607

PO #: 40612

Client Project #: Hardee County Regional Landfill

Date Sampled: Dec 17, 2015

Dec 29, 2015; Invoice: 285648

Lab #: 285648GW1 Sampled: 12/17/15 01:22 PM Desc: MW-1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	100-41-4	12/22/15
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	074-88-4	12/22/15
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	108-10-1	12/22/15
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	75-09-2	12/22/15
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	106-46-7	12/22/15
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	100-42-5	12/22/15
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	127-18-4	12/22/15
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	108-88-3	12/22/15
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	79-01-6	12/22/15
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-69-4	12/22/15
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10299756	EPA8260	108-05-4	12/22/15
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-01-4	12/22/15
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	1330-20-7	12/22/15
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10299756	EPA8260	156-59-2	12/22/15
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	10061-01-5	12/22/15
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	95-50-1	12/22/15
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	156-60-5	12/22/15
trans-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	10061-02-6	12/22/15
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	110-57-6	12/22/15
Surr:1,2-Dichloroethane-d4 (50-170%)	102.17%		1.00	0.0100	0.0100	10299756	EPA8260	460-00-4	12/22/15
Surr:Bromofluorobenzene (50-170%)	105.83%		1.00	1.00	1.00	10299756	EPA8260	10-33-3	12/19/15
Surr:Toluene-d8 (50-170%)	101.07%		1.00	0.0100	0.0100	10299756	EPA8260	096-18-4	12/23/15
TDS	242	mg/L	1.00	2.50	5.00	10299776	SM2540 C	106-93-4	12/23/15
1,2,3-Trichloropropene	0.0200 U	ug/L	1.00	0.0200	0.0400	10299862	EPA8011	96-12-8	12/17/15
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10299862	EPA8011		12/17/15
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10299862	EPA8011		12/17/15
Field Ground Water Elevation	81.7	ft	1.00	-10.0	-10.0	10300083	FT1000		12/17/15
Field DO	0.910	mg/L	1.00	0.100	0.100	10300083	FT1500		12/17/15
Field pH (units)	4.77	pH	1.00	0.0100	0.0200	10300084	FT1100	C006	12/17/15



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PO #: 40612

Client Project #: Hardee County Regional Landfill

Date Sampled: Dec 17, 2015

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Lab #: 285648GW1 Sampled: 12/17/15 01:22 PM Desc: MW-1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Field Conductivity	150	umhos/cm	1.00	0.100	0.100	10300085	FT1200		12/17/15
Field Temp. (C)	24.4	oC	1.00	0.100	0.100	10300086	FT1400		12/17/15
Field Turbidity	11.3	NTU	1.00	0.100	0.100	10300088	FT1600		12/17/15
Ammonia (as N)	0.186	mg/L	1.00	0.0100	0.0200	10300113	EPA350.1	7664-41-7	12/28/15
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	103000420	EPA6020	7440-36-0	12/21/15
Arsenic	0.00520	mg/L	1.00	0.00100	0.00200	103000420	EPA6020	7440-38-2	12/21/15
Barium	0.00880	mg/L	1.00	0.00200	0.00400	103000420	EPA6020	7440-39-3	12/21/15
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	103000420	EPA6020	7440-41-7	12/21/15
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	103000420	EPA6020	7440-43-9	12/21/15
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	103000420	EPA6020	7440-47-3	12/21/15
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	103000420	EPA6020	7440-48-4	12/21/15
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	103000420	EPA6020	7440-50-8	12/21/15
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	103000420	EPA6020	7439-92-1	12/21/15
Nickel	0.00390	mg/L	1.00	0.00100	0.00200	103000420	EPA6020	7440-02-0	12/21/15
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	103000420	EPA6020	7782-49-2	12/21/15
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	103000420	EPA6020	7440-22-4	12/21/15
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	103000420	EPA6020	7440-28-0	12/21/15
Vanadium	0.0176	mg/L	1.00	0.00100	0.00200	103000420	EPA6020	7440-62-2	12/21/15
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	103000420	EPA6020	7440-66-6	12/21/15
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	103000421	EPA7470	7439-97-6	12/23/15
Chloride	19.2	mg/L	1.00	4.00	8.00	103000482	SM4500-ClE	16887-00-6	12/20/15
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	103000489	EPA353.2	14797-55-8	12/18/15 12:40 PM

Lab #: 285648GW2 Sampled: 12/17/15 11:17 AM Desc: MW-2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Iron	0.814	mg/L	1.00	0.0100	0.0200	10299648	EPA6010	7439-89-6	12/21/15
Sodium	10.9	mg/L	1.00	0.500	1.00	10299648	EPA6010	7440-23-5	12/21/15
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	630-20-6	12/22/15
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	71-55-6	12/22/15



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Client Project #: Hardee County Regional Landfill

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Lab #: 285648GW2 Sampled: 12/17/15 11:17 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	10299756	EPA8260	79-34-5	12/22/15
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	79-00-5	12/22/15
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-34-3	12/22/15
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-35-4	12/22/15
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10299756	EPA8260	107-06-2	12/22/15
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10299756	EPA8260	78-87-5	12/22/15
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	78-93-3	12/22/15
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	591-78-6	12/22/15
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10299756	EPA8260	67-64-1	12/22/15
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10299756	EPA8260	107-13-1	12/22/15
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	71-43-2	12/22/15
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10299756	EPA8260	074-97-5	12/22/15
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10299756	EPA8260	75-27-4	12/22/15
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-25-2	12/22/15
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	74-83-9	12/22/15
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	75-15-0	12/22/15
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	56-23-5	12/22/15
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	108-90-7	12/22/15
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-00-3	12/22/15
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	67-66-3	12/22/15
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	74-87-3	12/22/15
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10299756	EPA8260	124-48-1	12/22/15
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	074-95-3	12/22/15
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	100-41-4	12/22/15
Methyl iodide	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	074-88-4	12/22/15
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	108-10-1	12/22/15
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	75-09-2	12/22/15
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	106-46-7	12/22/15
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	100-42-5	12/22/15



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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: Dec 17, 2015

Dec 29, 2015; Invoice: 285648

Lab #: 285648GW2 Sampled: 12/17/15 11:17 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	10299756	EPA8260	127-18-4	12/22/15
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	108-88-3	12/22/15
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	79-01-6	12/22/15
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-69-4	12/22/15
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10299756	EPA8260	108-05-4	12/22/15
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-01-4	12/22/15
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	1330-20-7	12/22/15
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10299756	EPA8260	156-59-2	12/22/15
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	10061-01-5	12/22/15
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	95-50-1	12/22/15
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	156-60-5	12/22/15
trans-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	10061-02-6	12/22/15
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	110-57-6	12/22/15
Surr:1,2-Dichloroethane-d4 (50-170%)	104.00%		1.00	0.0100	0.0100	10299756	EPA8260		12/22/15
Surr:Bromofluorobenzene (50-170%)	104.80%		1.00	1.00	1.00	10299756	EPA8260		12/22/15
Surr:Toluene-d8 (50-170%)	101.23%		1.00	0.0100	0.0100	10299756	EPA8260		12/22/15
TDS	296	mg/L	1.00	2.50	5.00	10299776	SM2540 C		12/22/15
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10299862	EPA8011	10-33-3	12/19/15
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10299862	EPA8011	096-18-4	12/23/15
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10299862	EPA8011	106-93-4	12/23/15
Field Ground Water Elevation	79.4	ft	1.00	-10.0	-10.0	10300083	FT1000	96-12-8	12/23/15
Field DO	1.35	mg/L	1.00	0.100	0.100	10300083	FT1500		12/17/15
Field pH (units)	7.02	pH	1.00	0.0100	0.0200	10300084	FT1100	C006	12/17/15
Field Conductivity	471	umhos/cm	1.00	0.100	0.100	10300085	FT1200		12/17/15
Field Temp. (C)	23.7	oC	1.00	0.100	0.100	10300086	FT1400		12/17/15
Field Turbidity	10.5	NTU	1.00	0.100	0.100	10300088	FT1600		12/17/15
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10300113	EPA350.1	7664-41-7	12/17/15
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10300420	EPA6020	7440-36-0	12/28/15
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-38-2	12/21/15



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Client Project #: Hardee County Regional Landfill

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Lab #: 285648GW2 Sampled: 12/17/15 11:17 AM Desc: MW-2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Barium	0.0134	mg/L	1.00	0.00200	0.00400	10300420	EPA6020	7440-39-3	12/21/15
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10300420	EPA6020	7440-41-7	12/21/15
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-43-9	12/21/15
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-47-3	12/21/15
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-48-4	12/21/15
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-50-8	12/21/15
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7439-92-1	12/21/15
Nickel	0.00160 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-02-0	12/21/15
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10300420	EPA6020	7782-49-2	12/21/15
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10300420	EPA6020	7440-22-4	12/21/15
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-28-0	12/21/15
Vanadium	0.00160 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-62-2	12/21/15
Zinc	0.0241	mg/L	1.00	0.0100	0.0200	10300420	EPA6020	7440-66-6	12/21/15
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10300421	EPA7470	7439-97-6	12/23/15
Chloride	28.2	mg/L	1.00	4.00	8.00	10300482	SM4500-Cl E	16887-00-6	12/20/15
Nitrate(as N)	0.0778	mg/L	1.00	0.0100	0.0200	10300489	EPA353.2	14797-55-8	12/18/15 12:40 PM

Lab #: 285648GW3 Sampled: 12/17/15 12:34 PM Desc: MW-4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Iron	0.0494	mg/L	1.00	0.0100	0.0200	10299648	EPA6010	7439-89-6	12/21/15
Sodium	8.96	mg/L	1.00	0.500	1.00	10299648	EPA6010	7440-23-5	12/21/15
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	630-20-6	12/22/15
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	71-55-6	12/22/15
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10299756	EPA8260	79-34-5	12/22/15
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	79-00-5	12/22/15
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-34-3	12/22/15
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-35-4	12/22/15
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10299756	EPA8260	107-06-2	12/22/15
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10299756	EPA8260	78-87-5	12/22/15



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Lab #: 285648GW3 Sampled: 12/17/15 12:34 PM Desc: MW-4/299

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	10299756	EPA8260	78-93-3	12/22/15
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	591-78-6	12/22/15
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10299756	EPA8260	67-64-1	12/22/15
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10299756	EPA8260	107-13-1	12/22/15
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	71-43-2	12/22/15
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10299756	EPA8260	074-97-5	12/22/15
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10299756	EPA8260	75-27-4	12/22/15
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-25-2	12/22/15
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	74-83-9	12/22/15
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	75-15-0	12/22/15
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	56-23-5	12/22/15
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	108-90-7	12/22/15
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-00-3	12/22/15
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	67-66-3	12/22/15
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	74-87-3	12/22/15
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10299756	EPA8260	124-48-1	12/22/15
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	074-95-3	12/22/15
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	100-41-4	12/22/15
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	074-88-4	12/22/15
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	108-10-1	12/22/15
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	75-09-2	12/22/15
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	106-46-7	12/22/15
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	100-42-5	12/22/15
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	127-18-4	12/22/15
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	108-88-3	12/22/15
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	79-01-6	12/22/15
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-69-4	12/22/15
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10299756	EPA8260	108-05-4	12/22/15
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-01-4	12/22/15



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Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	1330-20-7	12/22/15
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10299756	EPA8260	156-59-2	12/22/15
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	10061-01-5	12/22/15
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	95-50-1	12/22/15
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	156-60-5	12/22/15
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	10061-02-6	12/22/15
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	110-57-6	12/22/15
Surr:1,2-Dichloroethane-d4 (50-170%)	100.47%		1.00	0.0100	0.0100	10299756	EPA8260		12/22/15
Surr:Bromofluorobenzene (50-170%)	107.03%		1.00	1.00	1.00	10299756	EPA8260	460-00-4	12/22/15
Surr:Toluene-d8 (50-170%)	100.23%		1.00	0.0100	0.0100	10299756	EPA8260		12/22/15
TDS	388	mg/L	1.00	2.50	5.00	10299776	SM2540 C	10-33-3	12/19/15
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10299862	EPA8011	096-18-4	12/23/15
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10299862	EPA8011	106-93-4	12/23/15
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10299862	EPA8011	96-12-8	12/23/15
Field Ground Water Elevation	81.1	ft	1.00	-10.0	-10.0	10300083	FT1000		12/17/15
Field DO	0.650	mg/L	1.00	0.100	0.100	10300083	FT1500		12/17/15
Field pH (units)	6.43	pH	1.00	0.0100	0.0200	10300084	FT1100	C006	12/17/15
Field Conductivity	431	umhos/cm	1.00	0.100	0.100	10300085	FT1200		12/17/15
Field Temp. (C)	24.2	oC	1.00	0.100	0.100	10300086	FT1400		12/17/15
Field Turbidity	8.00	NTU	1.00	0.100	0.100	10300088	FT1600		12/17/15
Ammonia (as N)	0.161	mg/L	1.00	0.0100	0.0200	10300113	EPA350.1	7664-41-7	12/28/15
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10300420	EPA6020	7440-36-0	12/21/15
Arsenic	0.0134	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-38-2	12/21/15
Barium	0.0115	mg/L	1.00	0.00200	0.00400	10300420	EPA6020	7440-39-3	12/21/15
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10300420	EPA6020	7440-41-7	12/21/15
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-43-9	12/21/15
Chromium	0.00510	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-47-3	12/21/15
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-48-4	12/21/15
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-50-8	12/21/15



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: Dec 17, 2015

Dec 29, 2015; Invoice: 285648

Lab #: 285648GW3 Sampled: 12/17/15 12:34 PM Desc: MW-4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA8020	7439-92-1	12/21/15
Nickel	0.00190 U	mg/L	1.00	0.00100	0.00200	10300420	EPA8020	7440-02-0	12/21/15
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10300420	EPA8020	7782-49-2	12/21/15
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10300420	EPA8020	7440-22-4	12/21/15
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA8020	7440-28-0	12/21/15
Vanadium	0.0142	mg/L	1.00	0.00100	0.00200	10300420	EPA8020	7440-62-2	12/21/15
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10300420	EPA8020	7440-66-6	12/21/15
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10300421	EPA7470	7439-97-6	12/23/15
Chloride	16.9	mg/L	1.00	4.00	8.00	10300482	SM4500-ClE	16887-00-6	12/20/15
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10300489	EPA353.2	14797-55-8	12/18/15 12:40 PM

Lab #: 285648GW4 Sampled: 12/17/15 04:34 PM Desc: MW-10R/22930

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Iron	0.515	mg/L	1.00	0.0100	0.0200	10299648	EPA6010	7439-89-6	12/21/15
Sodium	3.49	mg/L	1.00	0.500	1.00	10299648	EPA6010	7440-23-5	12/21/15
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	630-20-6	12/22/15
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	71-55-6	12/22/15
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10299756	EPA8260	79-34-5	12/22/15
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	79-00-5	12/22/15
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-34-3	12/22/15
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-35-4	12/22/15
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10299756	EPA8260	107-06-2	12/22/15
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10299756	EPA8260	78-87-5	12/22/15
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	78-93-3	12/22/15
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	591-78-6	12/22/15
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10299756	EPA8260	67-64-1	12/22/15
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10299756	EPA8260	107-13-1	12/22/15
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	71-43-2	12/22/15
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10299756	EPA8260	074-97-5	12/22/15

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 #: 40612

Client Project #: Hardee County Regional Landfill

Date Sampled: Dec 17, 2015

Dec 29, 2015; Invoice: 285648

Lab #: 285648GW4 Sampled: 12/17/15 04:34 PM Desc: MW-10R/22930									
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10299756	EPA8260	75-27-4	12/22/15
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-25-2	12/22/15
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	74-83-9	12/22/15
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	75-15-0	12/22/15
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	56-23-5	12/22/15
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	108-90-7	12/22/15
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-00-3	12/22/15
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	67-66-3	12/22/15
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	74-87-3	12/22/15
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10299756	EPA8260	124-48-1	12/22/15
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	074-95-3	12/22/15
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	100-41-4	12/22/15
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	074-88-4	12/22/15
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	108-10-1	12/22/15
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	75-09-2	12/22/15
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	106-46-7	12/22/15
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	100-42-5	12/22/15
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	127-18-4	12/22/15
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	108-88-3	12/22/15
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	79-01-6	12/22/15
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-69-4	12/22/15
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10299756	EPA8260	108-05-4	12/22/15
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-01-4	12/22/15
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	1330-20-7	12/22/15
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10299756	EPA8260	156-59-2	12/22/15
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	10061-01-5	12/22/15
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	95-50-1	12/22/15
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	156-60-5	12/22/15
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	10061-02-6	12/22/15



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

PO #: 40612

Client Project #: Hardee County Regional Landfill

Date Sampled: Dec 17, 2015

Dec 29, 2015; Invoice: 285648

Lab #: 285648GW4 Sampled: 12/17/15 04:34 PM Desc: MW-10R/22930

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	10299756	EPA8260	110-57-6	12/22/15
Surr:1,2-Dichloroethane-d4 (50-170%)	105.50%		1.00	0.0100	0.0100	10299756	EPA8260		12/22/15
Surr:Bromofluorobenzene (50-170%)	104.90%		1.00	1.00	1.00	10299756	EPA8260	460-00-4	12/22/15
Surr:Toluene-d8 (50-170%)	101.23%		1.00	0.0100	0.0100	10299756	EPA8260		12/22/15
TDS	182	mg/L	1.00	2.50	5.00	10299776	SM2540 C	10-33-3	12/19/15
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10299862	EPA8011	096-18-4	12/23/15
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10299862	EPA8011	106-93-4	12/23/15
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10299862	EPA8011	96-12-8	12/23/15
Field Ground Water Elevation	81.7	ft	1.00	-10.0	-10.0	10300083	FT1000		12/17/15
Field DO	0.570	mg/L	1.00	0.100	0.100	10300083	FT1500		12/17/15
Field pH (units)	5.69	pH	1.00	0.0100	0.0200	10300084	FT1100	C006	12/17/15
Field Conductivity	299	umhos/cm	1.00	0.100	0.100	10300085	FT1200		12/17/15
Field Temp. (C)	24.7	oC	1.00	0.100	0.100	10300086	FT1400		12/17/15
Field Turbidity	5.00	NTU	1.00	0.100	0.100	10300088	FT1600		12/17/15
Ammonia (as N)	0.593	mg/L	1.00	0.0100	0.0200	10300113	EPA350.1	7664-41-7	12/28/15
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10300420	EPA6020	7440-36-0	12/21/15
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-38-2	12/21/15
Barium	0.0112	mg/L	1.00	0.00200	0.00400	10300420	EPA6020	7440-39-3	12/21/15
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10300420	EPA6020	7440-41-7	12/21/15
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-43-9	12/21/15
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-47-3	12/21/15
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-48-4	12/21/15
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-50-8	12/21/15
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7439-92-1	12/21/15
Nickel	0.00140 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-02-0	12/21/15
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10300420	EPA6020	7782-49-2	12/21/15
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10300420	EPA6020	7440-22-4	12/21/15
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-28-0	12/21/15
Vanadium	0.00290	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-62-2	12/21/15



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Tampa, FL 33607

PO #: 40612

Client Project #: Hardee County Regional Landfill

Date Sampled: Dec 17, 2015

Dec 29, 2015; Invoice: 285648

Lab #: 285648GW4 Sampled: 12/17/15 04:34 PM Desc: MW-10R/22930

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10300420	EPA6020	7440-66-6	12/21/15
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10300421	EPA7470	7439-97-6	12/23/15
Chloride	14.7	mg/L	1.00	4.00	8.00	10300482	SM4500-CIE	16887-00-6	12/20/15
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10300489	EPA353.2	14797-55-8	12/18/15 12:40 PM

Lab #: 285648GW5 Sampled: 12/17/15 03:49 PM Desc: MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Iron	21.2	mg/L	1.00	0.0100	0.0200	10299648	EPA6010	7439-89-6	12/21/15
Sodium	14.7	mg/L	1.00	0.500	1.00	10299648	EPA6010	7440-23-5	12/21/15
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	630-20-6	12/22/15
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	71-55-6	12/22/15
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10299756	EPA8260	79-34-5	12/22/15
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	79-00-5	12/22/15
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-34-3	12/22/15
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-35-4	12/22/15
1,2-dichloroethane	0.200 U	ug/L	1.00	0.200	0.400	10299756	EPA8260	107-06-2	12/22/15
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	78-87-5	12/22/15
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	78-93-3	12/22/15
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10299756	EPA8260	591-78-6	12/22/15
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10299756	EPA8260	67-64-1	12/22/15
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	107-13-1	12/22/15
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10299756	EPA8260	71-43-2	12/22/15
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10299756	EPA8260	074-97-5	12/22/15
Bromoforn	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-27-4	12/22/15
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-25-2	12/22/15
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	74-83-9	12/22/15
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-15-0	12/22/15
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	56-23-5	12/22/15
								108-90-7	12/22/15



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PO #: 40612

Client Project #: Hardee County Regional Landfill

Date Sampled: Dec 17, 2015

Dec 29, 2015; Invoice: 285648

Lab #: 285648GW5 Sampled: 12/17/15 03:49 PM Desc: MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-00-3	12/22/15
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	67-66-3	12/22/15
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	74-87-3	12/22/15
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10299756	EPA8260	124-48-1	12/22/15
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	074-95-3	12/22/15
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	100-41-4	12/22/15
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	074-88-4	12/22/15
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	108-10-1	12/22/15
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	75-09-2	12/22/15
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	106-46-7	12/22/15
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	100-42-5	12/22/15
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	127-18-4	12/22/15
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	108-88-3	12/22/15
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	79-01-6	12/22/15
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-69-4	12/22/15
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10299756	EPA8260	108-05-4	12/22/15
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-01-4	12/22/15
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	1330-20-7	12/22/15
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10299756	EPA8260	156-59-2	12/22/15
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	10061-01-5	12/22/15
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	95-50-1	12/22/15
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	156-60-5	12/22/15
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	10061-02-6	12/22/15
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	110-57-6	12/22/15
Surr:1,2-Dichloroethane-d4 (50-170%)	104.77%		1.00	0.0100	0.0100	10299756	EPA8260		12/22/15
Surr:Bromofluorobenzene (50-170%)	102.93%		1.00	1.00	1.00	10299756	EPA8260	460-00-4	12/22/15
Surr:Toluene-d8 (50-170%)	99.77%		1.00	0.0100	0.0100	10299756	EPA8260		12/22/15
TDS	74.0	mg/L	1.00	2.50	5.00	10299776	SM2540 C	10-33-3	12/19/15
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10299862	EPA8011	096-18-4	12/23/15



FLOWERS CHEMICAL LABORATORIES INC.

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

PO #: 40612

Client Project #: Hardee County Regional Landfill

Date Sampled: Dec 17, 2015

Dec 29, 2015; Invoice: 285648

Lab #: 285648GW5 Sampled: 12/17/15 03:49 PM Desc: MW-11/21882

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	10299862	EPA8011	106-93-4	12/23/15
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10299862	EPA8011	96-12-8	12/23/15
Field Ground Water Elevation	82.4	ft	1.00	-10.0	-10.0	10300083	FT1000		12/17/15
Field DO	0.540	mg/L	1.00	0.100	0.100	10300083	FT1500		12/17/15
Field pH (units)	4.45	pH	1.00	0.0100	0.0200	10300084	FT1100	C006	12/17/15
Field Conductivity	50.0	umhos/cm	1.00	0.100	0.100	10300085	FT1200		12/17/15
Field Temp. (C)	24.4	oC	1.00	0.100	0.100	10300086	FT1400		12/17/15
Field Turbidity	18.7	NTU	1.00	0.100	0.100	10300088	FT1600		12/17/15
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10300113	EPA350.1	7664-41-7	12/28/15
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10300420	EPA6020	7440-36-0	12/21/15
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-36-2	12/21/15
Barium	0.0116	mg/L	1.00	0.00200	0.00400	10300420	EPA6020	7440-39-3	12/21/15
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10300420	EPA6020	7440-41-7	12/21/15
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-43-9	12/21/15
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-47-3	12/21/15
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-48-4	12/21/15
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-50-8	12/21/15
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7439-92-1	12/21/15
Nickel	0.00130 I	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-02-0	12/21/15
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10300420	EPA6020	7782-49-2	12/21/15
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10300420	EPA6020	7440-22-4	12/21/15
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-28-0	12/21/15
Vanadium	0.00590	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-62-2	12/21/15
Zinc	0.0660	mg/L	1.00	0.0100	0.0200	10300420	EPA6020	7440-66-6	12/21/15
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10300421	EPA7470	7439-97-6	12/23/15
Nitrate(as N)	0.0867	mg/L	1.00	0.0100	0.0200	10300425	EPA353.2	14797-55-8	12/18/15
Chloride	5.20 I	mg/L	1.00	4.00	8.00	10300482	SM4500-Cl E	16887-00-6	12/20/15



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PO #: 40612

Client Project #: Hardee County Regional Landfill

Date Sampled: Dec 17, 2015

Dec 29, 2015; Invoice: 285648

Lab #: 285648GW6 Sampled: 12/17/15 03:22 PM Desc: MW-12R/22931

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Iron	12.6	mg/L	1.00	0.0100	0.0200	10299648	EPA6010	7439-89-6	12/21/15
Sodium	8.99	mg/L	1.00	0.500	1.00	10299648	EPA6010	7440-23-5	12/21/15
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	630-20-6	12/22/15
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	71-55-6	12/22/15
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10299756	EPA8260	79-34-5	12/22/15
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	79-00-5	12/22/15
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-34-3	12/22/15
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-35-4	12/22/15
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10299756	EPA8260	107-06-2	12/22/15
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10299756	EPA8260	78-87-5	12/22/15
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	78-93-3	12/22/15
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	591-78-6	12/22/15
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10299756	EPA8260	67-64-1	12/22/15
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10299756	EPA8260	107-13-1	12/22/15
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	71-43-2	12/22/15
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10299756	EPA8260	074-97-5	12/22/15
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10299756	EPA8260	75-27-4	12/22/15
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-25-2	12/22/15
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	74-83-9	12/22/15
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	75-15-0	12/22/15
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	56-23-5	12/22/15
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	108-90-7	12/22/15
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-00-3	12/22/15
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	67-66-3	12/22/15
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	74-87-3	12/22/15
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10299756	EPA8260	124-48-1	12/22/15
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	074-95-3	12/22/15
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	100-41-4	12/22/15
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	074-88-4	12/22/15



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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: Dec 17, 2015

Dec 29, 2015; Invoice: 285648

Lab #: 285648GW6 Sampled: 12/17/15 03:22 PM Desc: MW-12R/22931

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	10299756	EPA8260	108-10-1	12/22/15
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	75-09-2	12/22/15
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	106-46-7	12/22/15
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	100-42-5	12/22/15
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	127-18-4	12/22/15
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	108-88-3	12/22/15
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	79-01-6	12/22/15
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-69-4	12/22/15
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10299756	EPA8260	108-05-4	12/22/15
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-01-4	12/22/15
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	1330-20-7	12/22/15
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10299756	EPA8260	156-59-2	12/22/15
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	10061-01-5	12/22/15
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	95-50-1	12/22/15
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	156-60-5	12/22/15
trans-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	10061-02-6	12/22/15
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	110-57-6	12/22/15
Surr:1,2-Dichloroethane-d4 (50-170%)	107.33%		1.00	0.0100	0.0100	10299756	EPA8260	480-00-4	12/22/15
Surr:Bromofluorobenzene (50-170%)	102.33%		1.00	1.00	1.00	10299756	EPA8260	10-33-3	12/22/15
Surr:Toluene-d8 (50-170%)	99.63%		1.00	0.0100	0.0100	10299756	EPA8260	096-18-4	12/22/15
TDS	376	mg/L	1.00	2.50	5.00	10299776	SM2540 C	106-93-4	12/22/15
1,2,3-Trichloropropene	0.0200 U	ug/L	1.00	0.0200	0.0400	10299862	EPA8011	96-12-8	12/17/15
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10299862	EPA8011		12/17/15
1,2-dibromo-3-chloropropene	0.0200 U	ug/L	1.00	0.0200	0.0400	10299862	EPA8011		12/17/15
Field Ground Water Elevation	81.5	ft	1.00	-10.0	-10.0	10300083	FT1000		12/17/15
Field DO	0.910	mg/L	1.00	0.100	0.100	10300083	FT1500		12/17/15
Field pH (units)	6.51	pH	1.00	0.0100	0.0200	10300084	FT1100		12/17/15
Field Conductivity	551	umhos/cm	1.00	0.100	0.100	10300085	FT1200		12/17/15
Field Temp. (C)	24.0	oC	1.00	0.100	0.100	10300086	FT1400		12/17/15



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PO #: 40612

Client Project #: Hardee County Regional Landfill

Date Sampled: Dec 17, 2015

Dec 29, 2015; Invoice: 285648

Lab #: 285648GW6 Sampled: 12/17/15 03:22 PM Desc: MW-12R/22931

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Field Turbidity	4.80	NTU	1.00	0.100	0.100	10300088	FT1600		12/17/15
Ammonia (as N)	0.0938	mg/L	1.00	0.0100	0.0200	10300113	EPA350.1	7664-41-7	12/28/15
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10300420	EPA6020	7440-36-0	12/21/15
Arsenic	0.00560	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-38-2	12/21/15
Barium	0.00200 U	mg/L	1.00	0.00200	0.00400	10300420	EPA6020	7440-39-3	12/21/15
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10300420	EPA6020	7440-41-7	12/21/15
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-43-9	12/21/15
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-47-3	12/21/15
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-48-4	12/21/15
Copper	0.00190 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-50-8	12/21/15
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7439-92-1	12/21/15
Nickel	0.00200	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-02-0	12/21/15
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10300420	EPA6020	7782-49-2	12/21/15
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10300420	EPA6020	7440-22-4	12/21/15
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-28-0	12/21/15
Vanadium	0.00600	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-62-2	12/21/15
Zinc	0.0156 U	mg/L	1.00	0.0100	0.0200	10300420	EPA6020	7440-66-6	12/21/15
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10300421	EPA7470	7439-97-6	12/23/15
Nitrate(as N)	0.0384	mg/L	1.00	0.0100	0.0200	10300425	EPA353.2	14797-55-8	12/18/15
Chloride	14.2	mg/L	1.00	4.00	8.00	10300482	SM4500-ClE	16887-00-6	12/20/15

Lab #: 285648GW7 Sampled: 12/17/15 02:34 PM Desc: MW-13/29063

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Iron	1.92	mg/L	1.00	0.0100	0.0200	10299648	EPA6010	7439-89-6	12/21/15
Sodium	15.8	mg/L	1.00	0.500	1.00	10299648	EPA6010	7440-23-5	12/21/15
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	630-20-6	12/22/15
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	71-55-6	12/22/15
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10299756	EPA8260	79-34-5	12/22/15
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	79-00-5	12/22/15



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PO #: 40612

Client Project #: Hardee County Regional Landfill

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Dec 29, 2015; Invoice: 285648

Lab #: 285648GW7 Sampled: 12/17/15 02:34 PM Desc: MW-13/29063

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	10299756	EPA8260	75-34-3	12/22/15
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-35-4	12/22/15
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10299756	EPA8260	107-06-2	12/22/15
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10299756	EPA8260	78-87-5	12/22/15
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	78-93-3	12/22/15
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	591-78-6	12/22/15
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10299756	EPA8260	67-64-1	12/22/15
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10299756	EPA8260	107-13-1	12/22/15
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	71-43-2	12/22/15
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10299756	EPA8260	074-97-5	12/22/15
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10299756	EPA8260	75-27-4	12/22/15
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-25-2	12/22/15
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	74-83-9	12/22/15
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	75-15-0	12/22/15
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	56-23-5	12/22/15
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	108-90-7	12/22/15
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-00-3	12/22/15
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	67-66-3	12/22/15
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	74-87-3	12/22/15
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10299756	EPA8260	124-48-1	12/22/15
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	074-95-3	12/22/15
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	100-41-4	12/22/15
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	074-88-4	12/22/15
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	108-10-1	12/22/15
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	75-09-2	12/22/15
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	106-46-7	12/22/15
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	100-42-5	12/22/15
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	127-18-4	12/22/15
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	108-88-3	12/22/15

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 #: 40612

Client Project #: Hardee County Regional Landfill

Date Sampled: Dec 17, 2015

Dec 29, 2015; Invoice: 285648

Lab #: 285648GW7 Sampled: 12/17/15 02:34 PM Desc: MW-13/29063

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	79-01-6	12/22/15
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-69-4	12/22/15
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10299756	EPA8260	108-05-4	12/22/15
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-01-4	12/22/15
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	1330-20-7	12/22/15
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10299756	EPA8260	156-59-2	12/22/15
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	10061-01-5	12/22/15
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	95-50-1	12/22/15
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	156-60-5	12/22/15
trans-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	10061-02-6	12/22/15
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	110-57-6	12/22/15
Surr:1,2-Dichloroethane-d4 (50-170%)	110.03%		1.00	0.0100	0.0100	10299756	EPA8260		12/22/15
Surr:Bromofluorobenzene (50-170%)	101.00%		1.00	1.00	1.00	10299756	EPA8260		12/22/15
Surr:Toluene-d8 (50-170%)	101.50%		1.00	0.0100	0.0100	10299756	EPA8260		12/22/15
TDS	186	mg/L	1.00	2.50	5.00	10299777	SM2540 C		12/22/15
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10299862	EPA8011	10-33-3	12/19/15
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10299862	EPA8011	096-18-4	12/23/15
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10299862	EPA8011	106-93-4	12/23/15
Field Ground Water Elevation	81.2	ft	1.00	-10.0	-10.0	10300083	FT1000	96-12-8	12/23/15
Field DO	0.460	mg/L	1.00	0.100	0.100	10300083	FT1500		12/17/15
Field pH (units)	5.65	pH	1.00	0.0100	0.0200	10300084	FT1100	C006	12/17/15
Field Conductivity	218	umhos/cm	1.00	0.100	0.100	10300085	FT1200		12/17/15
Field Temp. (C)	24.6	oC	1.00	0.100	0.100	10300086	FT1400		12/17/15
Field Turbidity	5.35	NTU	1.00	0.100	0.100	10300088	FT1600		12/17/15
Ammonia (as N)	0.256	mg/L	1.00	0.0100	0.0200	10300113	EPA350.1	7664-41-7	12/28/15
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10300420	EPA6020	7440-36-0	12/21/15
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-38-2	12/21/15
Barium	0.00200 U	mg/L	1.00	0.00200	0.00400	10300420	EPA6020	7440-39-3	12/21/15
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10300420	EPA6020	7440-41-7	12/21/15



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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: Dec 17, 2015

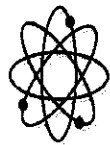
Dec 29, 2015; Invoice: 285648

Lab #: 285648GW7 Sampled: 12/17/15 02:34 PM Desc: MW-13/29083

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-43-9	12/21/15
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-47-3	12/21/15
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-48-4	12/21/15
Copper	0.00290	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-50-8	12/21/15
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7439-92-1	12/21/15
Nickel	0.00210	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-02-0	12/21/15
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10300420	EPA6020	7782-49-2	12/21/15
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10300420	EPA6020	7440-22-4	12/21/15
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-28-0	12/21/15
Vanadium	0.00170 l	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-62-2	12/21/15
Zinc	0.0117 l	mg/L	1.00	0.00100	0.0200	10300420	EPA6020	7440-66-6	12/21/15
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10300421	EPA7470	7439-97-6	12/23/15
Nitrate(as N)	0.174	mg/L	1.00	0.0100	0.0200	10300425	EPA353.2	14797-55-8	12/18/15
Chloride	12.1	mg/L	1.00	4.00	8.00	10300482	SM4500-Cl E	16887-00-6	12/20/15

Lab #: 285648GW8 Sampled: 12/17/15 02:03 PM Desc: MW-14/29064

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Iron	8.68	mg/L	1.00	0.0100	0.0200	10299648	EPA6010	7439-89-6	12/21/15
Sodium	11.3	mg/L	1.00	0.500	1.00	10299648	EPA6010	7440-23-5	12/21/15
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	630-20-6	12/22/15
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	71-55-6	12/22/15
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10299756	EPA8260	79-34-5	12/22/15
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	79-00-5	12/22/15
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-34-3	12/22/15
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-35-4	12/22/15
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10299756	EPA8260	107-06-2	12/22/15
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10299756	EPA8260	78-87-5	12/22/15
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	78-93-3	12/22/15
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	591-78-6	12/22/15



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Tampa, FL 33607

PO #: 40612

Client Project #: Hardee County Regional Landfill

Date Sampled: Dec 17, 2015

Dec 29, 2015; Invoice: 285648

Lab #: 285648GW8 Sampled: 12/17/15 02:03 PM Desc: MW-14/29064

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10299756	EPA8260	67-64-1	12/22/15
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10299756	EPA8260	107-13-1	12/22/15
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	71-43-2	12/22/15
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10299756	EPA8260	074-97-5	12/22/15
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10299756	EPA8260	75-27-4	12/22/15
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-25-2	12/22/15
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	74-83-9	12/22/15
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	75-15-0	12/22/15
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	56-23-5	12/22/15
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	108-90-7	12/22/15
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-00-3	12/22/15
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	67-66-3	12/22/15
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	74-87-3	12/22/15
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10299756	EPA8260	124-48-1	12/22/15
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	074-95-3	12/22/15
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	100-41-4	12/22/15
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	074-88-4	12/22/15
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	108-10-1	12/22/15
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	75-09-2	12/22/15
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	106-46-7	12/22/15
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	100-42-5	12/22/15
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	127-18-4	12/22/15
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	108-88-3	12/22/15
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	79-01-6	12/22/15
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-69-4	12/22/15
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10299756	EPA8260	108-05-4	12/22/15
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-01-4	12/22/15
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	1330-20-7	12/22/15
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10299756	EPA8260	156-59-2	12/22/15

FLDOH: E83018 (Main Lab)

FLDOH: E86562 (South Lab)

FLDOH: E82405 (North Lab)

FLDOH: E35834 (Keys Lab)



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Lab #: 285648GW8 Sampled: 12/17/15 02:03 PM Desc: MW-14/29064

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	10299756	EPA8260	10061-01-5	12/22/15
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	95-50-1	12/22/15
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	156-60-5	12/22/15
trans-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	10061-02-6	12/22/15
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	110-57-6	12/22/15
Surr:1,2-Dichloroethane-d4 (50-170%)	106.47%		1.00	0.0100	0.0100	10299756	EPA8260		12/22/15
Surr:Bromofluorobenzene (50-170%)	104.97%		1.00	1.00	1.00	10299756	EPA8260	460-00-4	12/22/15
Surr:Toluene-d8 (50-170%)	98.23%		1.00	0.0100	0.0100	10299756	EPA8260		12/22/15
TDS	586	mg/L	1.00	2.50	5.00	10299777	SM2540 C	10-33-3	12/19/15
1,2,3-Trichloropropene	0.0200 U	ug/L	1.00	0.0200	0.0400	10299862	EPA8011	096-18-4	12/23/15
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10299862	EPA8011	106-93-4	12/23/15
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10299862	EPA8011	96-12-8	12/23/15
Field Ground Water Elevation	82.6	ft	1.00	-10.0	-10.0	10300083	FT1000		12/17/15
Field DO	0.650	mg/L	1.00	0.100	0.100	10300083	FT1500		12/17/15
Field pH (units)	6.49	pH	1.00	0.0100	0.0200	10300084	FT1100		12/17/15
Field Conductivity	814	umhos/cm	1.00	0.100	0.100	10300085	FT1200		12/17/15
Field Temp. (C)	24.0	oC	1.00	0.100	0.100	10300086	FT1400		12/17/15
Field Turbidity	9.29	NTU	1.00	0.100	0.100	10300088	FT1600		12/17/15
Ammonia (as N)	1.01	mg/L	1.00	0.0100	0.0200	10300113	EPA350.1		12/17/15
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10300420	EPA6020	7664-41-7	12/28/15
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-36-0	12/21/15
Barium	0.00200 U	mg/L	1.00	0.00200	0.00400	10300420	EPA6020	7440-38-2	12/21/15
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10300420	EPA6020	7440-39-3	12/21/15
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-41-7	12/21/15
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-43-9	12/21/15
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-47-3	12/21/15
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-48-4	12/21/15
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-50-8	12/21/15
Nickel	0.00160 l	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7439-92-1	12/21/15
								7440-02-0	12/21/15



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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: Dec 17, 2015

Dec 29, 2015; Invoice: 285648

Lab #: 285648GW8 Sampled: 12/17/15 02:03 PM Desc: MW-14/29064

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10300420	EPA6020	7782-49-2	12/21/15
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10300420	EPA6020	7440-22-4	12/21/15
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-28-0	12/21/15
Vanadium	0.00220	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-62-2	12/21/15
Zinc	0.01061	mg/L	1.00	0.0100	0.0200	10300420	EPA6020	7440-66-6	12/21/15
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10300421	EPA7470	7439-97-6	12/23/15
Nitrate(as N)	0.182	mg/L	1.00	0.0100	0.0200	10300425	EPA353.2	14797-55-8	12/18/15
Chloride	8.93	mg/L	1.00	4.00	8.00	10300483	SM4500-Cl E	16887-00-6	12/20/15



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Atkins-Tampa
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PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Dec 17, 2015
Dec 29, 2015; Invoice: 285648

Quality Report

Quality Control Batch: 10299648

Analyst: EVB

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

Laboratory Control Sample

	Result	Units	%REC	Spike	%REC Lim
Iron	5.08	mg/L	101.51	5.00	80.00-120.00
Sodium	5.31	mg/L	106.13	5.00	80.00-120.00

Matrix Spike

	Result	Units	%REC	Spike	%REC Lim	Sample
Iron	7.44	mg/L	103.68	5.00	75.00-125.00	2.25
Sodium	250	mg/L	204.21	5.00	75.00-125.00	240

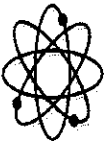
Matrix Spike Duplicate

	Result	Units	%REC	Spike	%REC Lim	Sample	RPD	RPD Lim
Iron	7.19	mg/L	98.75	5.00	75.00-125.00	2.25	3.37	20.00
Sodium	244	mg/L	87.47	5.00	75.00-125.00	240	2.36	20.00

Quality Control Batch: 10299756

Analyst: CTH

Blank	Result	Units
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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Quality Control Batch: 10299756		Analyst: CTH
Blank	Result	Units
Chloroethane	0.500U	ug/L
Chloroform	0.500U	ug/L
Chloromethane	0.500U	ug/L
cis-1,2-dichloroethene	0.200U	ug/L
cis-1,3-Dichloropropene	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
o-dichlorobenzene	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
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
Trichloroethene	0.500U	ug/L
Trichlorofluoromethane	0.500U	ug/L
Vinyl Acetate	10.0U	ug/L
Vinyl chloride	0.500U	ug/L
Xylenes	1.00U	ug/L
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



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Quality Control Batch: 10299756 Analyst: CTH

Blank	Result	Units
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	0.690	ug/L
Surr:Bromofluorobenzene	31.5	ug/L
Surr:Toluene-d8	30.1	ug/L
Surr:1,2-Dichloroethane-d4	30.4	ug/L

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Acetone	32.2	ug/L	40.0	80.42	50.00-170.00
Acrylonitrile	31.9	ug/L	40.0	79.83	50.00-170.00
Benzene	31.9	ug/L	40.0	79.65	50.00-170.00
Bromochloromethane	32.8	ug/L	40.0	82.03	50.00-170.00
Bromodichloromethane	32.9	ug/L	40.0	82.35	50.00-170.00
Bromoform	35.6	ug/L	40.0	89.00	50.00-170.00
Bromomethane	20.7	ug/L	40.0	51.72	50.00-170.00
Carbon Disulfide	31.2	ug/L	40.0	78.02	50.00-170.00
Carbon Tetrachloride	35.4	ug/L	40.0	88.50	50.00-170.00
Chlorobenzene	31.4	ug/L	40.0	78.47	50.00-170.00
Chloroethane	30.5	ug/L	40.0	76.15	50.00-170.00
Chloroform	31.4	ug/L	40.0	78.45	50.00-170.00
Chloromethane	24.7	ug/L	40.0	61.80	50.00-170.00
cis-1,2-dichloroethene	29.7	ug/L	40.0	74.28	50.00-170.00
cis-1,3-Dichloropropene	33.2	ug/L	40.0	83.07	50.00-170.00
Dibromochloromethane	33.5	ug/L	40.0	83.77	50.00-170.00
Dibromomethane	32.1	ug/L	40.0	80.30	50.00-170.00
Ethylbenzene	33.4	ug/L	40.0	83.40	50.00-170.00
Methyl Iodide	22.6	ug/L	40.0	56.37	50.00-170.00



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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: Dec 17, 2015

Dec 29, 2015; Invoice: 285648

Quality Control Batch: 10299756 Analyst: CTH

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Methyl isobutyl ketone	32.8	ug/L	40.0	82.03	50.00-170.00
Methylene chloride	32.5	ug/L	40.0	81.35	50.00-170.00
o-dichlorobenzene	32.4	ug/L	40.0	80.97	50.00-170.00
Para-dichlorobenzene	31.2	ug/L	40.0	77.88	50.00-170.00
Styrene	37.9	ug/L	40.0	94.80	50.00-170.00
Tetrachloroethene	32.4	ug/L	40.0	81.07	50.00-170.00
Toluene	32.7	ug/L	40.0	81.62	50.00-170.00
trans-1,2-dichloroethene	30.3	ug/L	40.0	75.70	50.00-170.00
trans-1,3-Dichloropropene	33.3	ug/L	40.0	83.28	50.00-170.00
Trichloroethene	31.9	ug/L	40.0	79.83	50.00-170.00
Trichlorofluoromethane	36.7	ug/L	40.0	91.65	50.00-170.00
Vinyl chloride	31.1	ug/L	40.0	77.70	50.00-170.00
Xylenes	106	ug/L	120	87.97	50.00-170.00
1,1,1,2-Tetrachloroethane	33.7	ug/L	40.0	84.13	50.00-170.00
1,1,1-Trichloroethane	34.6	ug/L	40.0	86.48	50.00-170.00
1,1,2,2-Tetrachloroethane	32.5	ug/L	40.0	81.25	50.00-170.00
1,1,2-Trichloroethane	32.7	ug/L	40.0	81.62	50.00-170.00
1,1-Dichloroethane	32.2	ug/L	40.0	80.45	50.00-170.00
1,1-Dichloroethene	34.7	ug/L	40.0	86.65	50.00-170.00
1,2-dichloroethane	33.1	ug/L	40.0	82.83	50.00-170.00
1,2-dichloropropane	32.4	ug/L	40.0	80.93	50.00-170.00
2-Butanone (MEK)	15.4	ug/L	40.0	38.45	50.00-170.00
2-Hexanone	34.0	ug/L	40.0	85.05	50.00-170.00
Surr:Bromofluorobenzene	29.1	ug/L	30.0	97.03	50.00-170.00
Surr:Toluene-d8	30.1	ug/L	30.0	100.33	50.00-170.00
Surr:1,2-Dichloroethane-d4	29.3	ug/L	30.0	97.50	50.00-170.00
Matrix Spike					
Acetone	18.4	ug/L	20.0	92.05	50.00-170.00
Sample					5.00U



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Quality Control Batch: 10299756 Analyst: CTH

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
Acrylonitrile	16.3	ug/L	20.0	81.55	50.00-170.00	0.300U
Benzene	17.1	ug/L	20.0	85.40	50.00-170.00	0.500U
Bromochloromethane	16.7	ug/L	20.0	83.50	50.00-170.00	0.100U
Bromodichloromethane	17.4	ug/L	20.0	86.90	50.00-170.00	0.100U
Bromoform	18.1	ug/L	20.0	90.45	50.00-170.00	0.500U
Bromomethane	10.3	ug/L	20.0	51.50	50.00-170.00	0.500U
Carbon Tetrachloride	20.0	ug/L	20.0	99.95	50.00-170.00	0.500U
Chlorobenzene	16.3	ug/L	20.0	81.30	50.00-170.00	0.500U
Chloroethane	16.5	ug/L	20.0	82.35	50.00-170.00	0.500U
Chloroform	16.5	ug/L	20.0	82.30	50.00-170.00	0.500U
Chloromethane	11.7	ug/L	20.0	58.40	50.00-170.00	0.500U
cis-1,2-dichloroethene	15.8	ug/L	20.0	78.80	50.00-170.00	0.200U
cis-1,3-Dichloropropene	17.1	ug/L	20.0	85.70	50.00-170.00	0.500U
Dibromochloromethane	18.0	ug/L	20.0	89.80	50.00-170.00	0.400U
Dibromomethane	16.2	ug/L	20.0	80.90	50.00-170.00	0.500U
Ethylbenzene	17.4	ug/L	20.0	86.95	50.00-170.00	0.500U
Methyl iodide	10.6	ug/L	20.0	53.20	50.00-170.00	1.00U
Methyl isobutyl ketone	17.9	ug/L	20.0	89.60	50.00-170.00	1.00U
Methylene chloride	18.2	ug/L	20.0	90.90	50.00-170.00	1.00U
o-dichlorobenzene	16.4	ug/L	20.0	81.90	50.00-170.00	0.500U
Para-dichlorobenzene	15.7	ug/L	20.0	78.55	50.00-170.00	0.500U
Styrene	18.2	ug/L	20.0	91.20	50.00-170.00	0.500U
Tetrachloroethene	17.4	ug/L	20.0	87.15	50.00-170.00	0.500U
Toluene	17.1	ug/L	20.0	85.40	50.00-170.00	0.500U
trans-1,2-dichloroethene	17.2	ug/L	20.0	86.10	50.00-170.00	0.500U
trans-1,3,-Dichloropropene	17.9	ug/L	20.0	89.40	50.00-170.00	0.500U
Trichloroethene	17.1	ug/L	20.0	85.40	50.00-170.00	0.500U
Trichlorofluoromethane	19.7	ug/L	20.0	98.25	50.00-170.00	0.500U
Vinyl chloride	17.2	ug/L	20.0	85.80	50.00-170.00	0.500U



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PO #: 40612

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Date Sampled: Dec 17, 2015

Dec 29, 2015; Invoice: 285648

Quality Control Batch: 10299756

Analyst: CTH

Matrix Spike

	Result	Units	Spike	%REC	%REC Lim	Sample
Xylenes	53.6	ug/L	60.0	89.33	50.00-170.00	1.00U
1,1,1,2-Tetrachloroethane	17.4	ug/L	20.0	86.85	50.00-170.00	0.500U
1,1,1-Trichloroethane	18.4	ug/L	20.0	91.80	50.00-170.00	0.500U
1,1,2,2-Tetrachloroethane	17.5	ug/L	20.0	87.30	50.00-170.00	0.100U
1,1,2-Trichloroethane	17.0	ug/L	20.0	84.80	50.00-170.00	0.500U
1,1-Dichloroethane	16.9	ug/L	20.0	84.45	50.00-170.00	0.500U
1,1-Dichloroethene	20.0	ug/L	20.0	99.75	50.00-170.00	0.500U
1,2-dichloroethane	17.2	ug/L	20.0	86.15	50.00-170.00	0.500U
1,2-dichloropropane	16.7	ug/L	20.0	83.45	50.00-170.00	0.200U
2-Butanone (MEK)	8.79	ug/L	20.0	43.95	50.00-170.00	0.500U
2-Hexanone	17.1	ug/L	20.0	85.35	50.00-170.00	0.500U
Surr:Bromofluorobenzene	29.6	ug/L	30.0	98.80	50.00-170.00	0.500U
Surr:Toluene-d8	30.2	ug/L	30.0	100.63	50.00-170.00	0.500U
Surr:1,2-Dichloroethane-d4	31.3	ug/L	30.0	104.43	50.00-170.00	0.500U

Matrix Spike Duplicate

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Acetone	11.9	ug/L	20.0	59.70	50.00-170.00	5.00U	42.64	30.00
Acrylonitrile	14.7	ug/L	20.0	73.30	50.00-170.00	0.300U	10.66	30.00
Benzene	16.2	ug/L	20.0	80.90	50.00-170.00	0.500U	5.41	30.00
Bromochloromethane	16.3	ug/L	20.0	81.70	50.00-170.00	0.100U	2.18	30.00
Bromodichloromethane	16.5	ug/L	20.0	82.65	50.00-170.00	0.100U	5.01	30.00
Bromoform	16.7	ug/L	20.0	83.65	50.00-170.00	0.500U	7.81	30.00
Bromomethane	10.9	ug/L	20.0	54.50	50.00-170.00	0.500U	5.66	30.00
Carbon Tetrachloride	19.5	ug/L	20.0	97.35	50.00-170.00	0.500U	2.64	30.00
Chlorobenzene	15.5	ug/L	20.0	77.55	50.00-170.00	0.500U	4.72	30.00
Chloroethane	16.2	ug/L	20.0	81.00	50.00-170.00	0.500U	1.65	30.00
Chloroform	15.8	ug/L	20.0	79.00	50.00-170.00	0.500U	4.09	30.00
Chloromethane	13.3	ug/L	20.0	66.30	50.00-170.00	0.500U	12.67	30.00
cis-1,2-dichloroethene	15.3	ug/L	20.0	76.30	50.00-170.00	0.200U	3.22	30.00



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Quality Control Batch: 10299756

Analyst: CTH

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
cis-1,3-Dichloropropene	16.6	ug/L	20.0	82.90	50.00-170.00	0.500U	3.32	30.00
Dibromochloromethane	16.8	ug/L	20.0	84.20	50.00-170.00	0.400U	6.44	30.00
Dibromomethane	15.9	ug/L	20.0	79.55	50.00-170.00	0.500U	1.68	30.00
Ethylbenzene	16.5	ug/L	20.0	82.40	50.00-170.00	0.500U	5.37	30.00
Methyl Iodide	11.4	ug/L	20.0	56.95	50.00-170.00	1.00U	6.81	30.00
Methyl isobutyl ketone	16.5	ug/L	20.0	82.70	50.00-170.00	1.00U	8.01	30.00
Methylene chloride	17.1	ug/L	20.0	85.45	50.00-170.00	1.00U	6.18	30.00
o-dichlorobenzene	15.3	ug/L	20.0	76.55	50.00-170.00	0.500U	6.75	30.00
Para-dichlorobenzene	14.9	ug/L	20.0	74.30	50.00-170.00	0.500U	5.56	30.00
Styrene	17.6	ug/L	20.0	87.75	50.00-170.00	0.500U	3.86	30.00
Tetrachloroethene	16.6	ug/L	20.0	82.85	50.00-170.00	0.500U	5.06	30.00
Toluene	15.9	ug/L	20.0	79.50	50.00-170.00	0.500U	7.16	30.00
trans-1,2-dichloroethene	16.2	ug/L	20.0	80.95	50.00-170.00	0.500U	6.17	30.00
trans-1,3-Dichloropropene	16.7	ug/L	20.0	83.55	50.00-170.00	0.500U	6.76	30.00
Trichloroethene	16.3	ug/L	20.0	81.65	50.00-170.00	0.500U	4.49	30.00
Trichlorofluoromethane	18.5	ug/L	20.0	92.40	50.00-170.00	0.500U	6.14	30.00
Vinyl chloride	16.9	ug/L	20.0	84.50	50.00-170.00	0.500U	1.53	30.00
Xylenes	50.8	ug/L	60.0	84.67	50.00-170.00	1.00U	5.36	30.00
1,1,1,2-Tetrachloroethane	16.5	ug/L	20.0	82.45	50.00-170.00	0.500U	5.20	30.00
1,1,1-Trichloroethane	17.4	ug/L	20.0	87.05	50.00-170.00	0.500U	5.31	30.00
1,1,2,2-Tetrachloroethane	15.6	ug/L	20.0	77.75	50.00-170.00	0.100U	11.57	30.00
1,1,2-Trichloroethane	15.7	ug/L	20.0	78.70	50.00-170.00	0.500U	7.46	30.00
1,1-Dichloroethane	16.2	ug/L	20.0	80.80	50.00-170.00	0.500U	4.42	30.00
1,1-Dichloroethene	19.0	ug/L	20.0	95.10	50.00-170.00	0.500U	4.77	30.00
1,2-dichloroethane	16.7	ug/L	20.0	83.45	50.00-170.00	0.500U	3.18	30.00
1,2-dichloropropane	16.1	ug/L	20.0	80.50	50.00-170.00	0.200U	3.60	30.00
2-Butanone (MEK)	7.33	ug/L	20.0	36.65	50.00-170.00	0.500U	18.11	30.00
2-Hexanone	16.0	ug/L	20.0	80.15	50.00-170.00	0.500U	6.28	30.00
Surr:Bromofluorobenzene	28.7	ug/L	30.0	95.67	50.00-170.00		3.22	30.00



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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: Dec 17, 2015
Dec 29, 2015; Invoice: 285648

Quality Control Batch: 10299756

Analyst: CTH

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Surr:Toluene-d8	30.1	ug/L	30.0	100.17	50.00-170.00		0.46	30.00
Surr:1,2-Dichloroethane-d4	30.2	ug/L	30.0	100.80	50.00-170.00		3.54	30.00

Quality Control Batch: 10299777

Analyst: PLB

Blank	Result	Units
TDS	2.50U	mg/L
Laboratory Control Sample	Result	Units
TDS	1470	mg/L

Quality Control Batch: 10299862

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

1,2,3-Trichloropropane	Result	Units	Spike	%REC	%REC Lim
1,2,3-Trichloropropane	0.218	ug/L	0.250	87.16	50.00-170.00
1,2-Dibromoethane (EDB)	0.134	ug/L	0.250	53.48	50.00-170.00
1,2-dibromo-3-chloropropane	0.203	ug/L	0.250	81.32	50.00-170.00

Matrix Spike

1,2,3-Trichloropropane	Result	Units	Spike	%REC	%REC Lim	Sample
1,2,3-Trichloropropane	0.346	ug/L	0.250	138.36	50.00-170.00	0.0200U
1,2-Dibromoethane (EDB)	0.313	ug/L	0.250	125.04	50.00-170.00	0.0100U
1,2-dibromo-3-chloropropane	0.248	ug/L	0.250	99.24	50.00-170.00	0.0200U

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
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Tampa, FL 33607

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Dec 17, 2015
Dec 29, 2015; Invoice: 285648

Quality Control Batch: 10299862

Analyst: DLJ

Matrix Spike Duplicate

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
1,2,3-Trichloropropane	0.344	ug/L	0.250	137.64	50.00-170.00	0.0200U	0.52	30.00
1,2-Dibromoethane (EDB)	0.232	ug/L	0.250	92.84	50.00-170.00	0.0100U	29.56	30.00
1,2-dibromo-3-chloropropane	0.248	ug/L	0.250	99.16	50.00-170.00	0.0200U	0.08	30.00

Quality Control Batch: 10300420

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	0.00100U	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
Thallium	0.00100U	mg/L
Vanadium	0.00100U	mg/L
Zinc	0.0100U	mg/L

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
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Tampa, FL 33607

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Dec 17, 2015
Dec 29, 2015; Invoice: 285648

Quality Control Batch: 10300420

Analyst: EVB

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
Antimony	mg/L	0.100	103.90	80.00-120.00
Arsenic	mg/L	0.100	100.50	80.00-120.00
Barium	mg/L	0.100	98.90	80.00-120.00
Beryllium	mg/L	0.100	102.40	80.00-120.00
Cadmium	mg/L	0.100	99.20	80.00-120.00
Chromium	mg/L	0.100	104.50	80.00-120.00
Cobalt	mg/L	0.100	100.70	80.00-120.00
Copper	mg/L	0.100	99.50	80.00-120.00
Lead	mg/L	0.100	107.90	80.00-120.00
Nickel	mg/L	0.100	105.60	80.00-120.00
Selenium	mg/L	0.100	100.80	80.00-120.00
Silver	mg/L	0.100	101.80	80.00-120.00
Thallium	mg/L	0.100	101.70	80.00-120.00
Vanadium	mg/L	0.100	103.70	80.00-120.00
Zinc	mg/L	0.100	92.60	80.00-120.00

Matrix Spike

Result	Units	Spike	%REC	%REC Lim	Sample
Antimony	mg/L	0.100	104.10	75.00-125.00	0.00200U
Arsenic	mg/L	0.100	96.70	75.00-125.00	0.00100U
Barium	mg/L	0.100	77.50	75.00-125.00	0.00830
Beryllium	mg/L	0.100	98.20	75.00-125.00	0.000500U
Cadmium	mg/L	0.100	83.40	75.00-125.00	0.00100U
Chromium	mg/L	0.100	118.60	75.00-125.00	0.00100U
Cobalt	mg/L	0.100	108.70	75.00-125.00	0.00100U
Copper	mg/L	0.100	112.50	75.00-125.00	0.00100U
Lead	mg/L	0.100	87.90	75.00-125.00	0.00100U
Nickel	mg/L	0.100	108.10	75.00-125.00	0.00100U
Selenium	mg/L	0.100	89.50	75.00-125.00	0.00200U
Silver	mg/L	0.100	94.60	75.00-125.00	0.000500U



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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: Dec 17, 2015
Dec 29, 2015; Invoice: 285648

Quality Control Batch: 10300420

Analyst: EVB

Matrix Spike

Result	Units	Spike	%REC	%REC Lim	Sample
0.0890	mg/L	0.100	89.00	75.00-125.00	0.00100U
0.122	mg/L	0.100	121.80	75.00-125.00	0.00100U
0.0907	mg/L	0.100	86.80	75.00-125.00	0.00390

Matrix Spike Duplicate

Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
0.0939	mg/L	0.100	93.90	75.00-125.00	0.00200U	10.30	20.00
0.101	mg/L	0.100	101.10	75.00-125.00	0.00100U	4.45	20.00
0.0814	mg/L	0.100	73.10	75.00-125.00	0.00830	5.26	20.00
0.0950	mg/L	0.100	95.00	75.00-125.00	0.000500U	3.31	20.00
0.0828	mg/L	0.100	82.80	75.00-125.00	0.00100U	0.72	20.00
0.117	mg/L	0.100	116.60	75.00-125.00	0.00100U	1.70	20.00
0.107	mg/L	0.100	106.60	75.00-125.00	0.00100U	1.95	20.00
0.111	mg/L	0.100	111.10	75.00-125.00	0.00100U	1.25	20.00
0.0911	mg/L	0.100	91.10	75.00-125.00	0.00100U	3.58	20.00
0.107	mg/L	0.100	106.90	75.00-125.00	0.00100U	1.12	20.00
0.0963	mg/L	0.100	96.30	75.00-125.00	0.00200U	7.32	20.00
0.0905	mg/L	0.100	90.50	75.00-125.00	0.000500U	4.43	20.00
0.0860	mg/L	0.100	86.00	75.00-125.00	0.00100U	3.43	20.00
0.121	mg/L	0.100	120.90	75.00-125.00	0.00100U	0.74	20.00
0.0886	mg/L	0.100	84.70	75.00-125.00	0.00390	2.34	20.00

Quality Control Batch: 10300421

Analyst: EVB

Result	Units
0.0000350	mg/L

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
0.000980	mg/L	0.00100	97.95	80.00-120.00

Matrix Spike

Result	Units	Spike	%REC	%REC Lim	Sample
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Atkins-Tampa
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Tampa, FL 33607

PO #: 40612

Client Project #: Hardee County Regional Landfill

Date Sampled: Dec 17, 2015

Dec 29, 2015; Invoice: 285648

Quality Control Batch: 10300421

Analyst: EVB

Matrix Spike

Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
0.00276	mg/L	0.00300	91.75	80.00-120.00	0.0000114	2.11	20.00
0.00282	mg/L	0.00300	93.72	80.00-120.00	0.0000114	2.11	20.00

Matrix Spike Duplicate

Quality Control Batch: 10300425

Analyst: PCW

Blank

Result	Units
0.0100U	mg/L

Nitrate(as N)

Laboratory Control Sample

Result	Units
1.01	mg/L

Nitrate(as N)

Matrix Spike

Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
3.90	mg/L	4.00	97.06	85.00-115.00	0.0176	1.03	20.00

Nitrate(as N)

Matrix Spike Duplicate

Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
3.86	mg/L	4.00	96.06	85.00-115.00	0.0176	1.03	20.00

Nitrate(as N)

Quality Control Batch: 10300483

Analyst: VLB

Blank

Result	Units
4.00U	mg/L

Chloride

Laboratory Control Sample

Result	Units
80.1	mg/L

Chloride

Matrix Spike

Result	Units	Spike	%REC	%REC Lim	Sample
73.3	mg/L	50.0	99.38	85.00-115.00	23.6

Chloride



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Tampa, FL 33607

PO #: 40612

Client Project #: Hardee County Regional Landfill

Date Sampled: Dec 17, 2015

Dec 29, 2015; Invoice: 285648

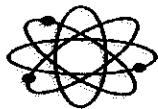
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Chloride	72.9	mg/L	50.0	98.62	85.00-115.00	23.6	0.52	20.00

Quality Control Batch: 10300489

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

Laboratory Control Sample

Nitrate(as N)	Result	Units	Spike	%REC	%REC Lim
	1.01	mg/L	1.00	101.00	85.00-115.00



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Tampa, FL 33607

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Dec 17, 2015
Dec 29, 2015; Invoice: 285648

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 for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted. Sample results reported as dissolved were field filtered.

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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☐ Flowers Chemical Labs-Keys

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Client ATKINS (TAMPA) Project Name HARDEE CO. LANDFILL P.O. #
Address Client Contact FAX

Phone FCL Project Manager E-MAIL

Requested Due Date 10 Day Standard OR Vehicle Surcharge \$ Sampling Fee \$

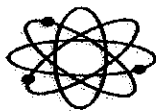
Sampled By (PRINT): RAYMUNDO CASTRO Date Sampled 12/17/15
Sampler Signature Raymundo Castro

GW - ground water DW - drinking water WW - wastewater
SW - surface water SO - soil/solid SL - sludge HW - waste

ITEM NO.	SAMPLE ID	DATE	TIME	MATRIX	(LAB USE ONLY) LAB NO.	NON	H ₂ SO ₄	HNO ₃	HCl	Na ₂ S	SEE ATTACHED KIT. LANDFILL APPL	Total
1	MW-1	12/17/15	13:22	GW	285648GW1							7
2	MW-2		11:17									7
3	MW-4		12:34									7
4	MW-10R		16:34									7
5	MW-11		15:49									7
6	MW-12R		15:22									7
7	MW-13		14:34									7
8	MW-14		14:03									7
9												
10												

Relinquished By / Affiliation Raymundo Castro Date 12/18/15 Time 11:33
Accepted By / Affiliation Date Time

FINANCE CHARGES APPLIED TO PAST DUE INVOICES



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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: Dec 18, 2015
Dec 30, 2015; Invoice: 285647

Report Summary

Date Received: Dec 18, 2015

FCL Project Manager: June S. Flowers

Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
285647SW1	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	
		FT1100	CLL	Main Lab	
		FT1200	CLL	Main Lab	
		FT1400	CLL	Main Lab	
		FT1500	CLL	Main Lab	
		FT1600	CLL	Main Lab	
		SM10200 H	TRB	Main Lab	
		SM2340 B	EVB	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM2540 D	PLB	Main Lab	
		SM5210 B	CCP	Main Lab	
		SM5310 C	PCW	Main Lab	
		SM9222 D	TRB	Main Lab	
		TotNit			

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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Tampa, FL 33607

PO #: 40612

Client Project #: Hardee County Regional Landfill

Date Sampled: Dec 18, 2015

Dec 30, 2015; Invoice: 285647

Analysis Report

Lab #: 285647SW1 Sampled: 12/18/15 08:46 AM Desc: SW-2/21062

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Total Nitrogen(as N)	1.74	mg/L	1.00	0.000100	0.000200	10274203	TotNit	17778-88-0	12/28/15
Unionized NH3(as N)	0.000751	mg/L	1.00	20.0	40.0	10282904	FDEP DEP-SOF	C-004	12/23/15
Chemical Oxygen Demand	272	mg/L	1.00	1.00	2.00	10299584	SM10200 H	479-61-8	12/18/15
Chlorophyll a	6.31	mg/m3	1.00	1.00	2.00	10299620	SM5310 C	E701250	12/21/15
TOC	39.1	mg/L	1.00	1.00	0.0200	10299648	EPA6010	7439-89-6	12/21/15
Iron	0.355	mg/L	1.00	0.100	0.200	10299676	SM2340 B	40-11-9	12/21/15
Total Hardness (as CaCO3)	272	mg/L	1.00	1.00	1.00	10299698	SM9222 D	E761792	12/18/15
Fecal Coliform	100	cfu/100mL	1.00	0.500	1.00	10299756	EPA8260	630-20-6	12/22/15
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	71-55-6	12/22/15
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	79-34-5	12/22/15
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10299756	EPA8260	79-00-5	12/22/15
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-34-3	12/22/15
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-35-4	12/22/15
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	0.500	10299756	EPA8260	107-06-2	12/22/15
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10299756	EPA8260	78-87-5	12/22/15
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	78-93-3	12/22/15
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	591-78-6	12/22/15
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10299756	EPA8260	67-64-1	12/22/15
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10299756	EPA8260	107-13-1	12/22/15
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	71-43-2	12/22/15
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10299756	EPA8260	074-97-5	12/22/15
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10299756	EPA8260	75-27-4	12/22/15
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-25-2	12/22/15
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	74-83-9	12/22/15
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	75-15-0	12/22/15
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	56-23-5	12/22/15



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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
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PO #: 40612

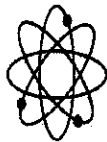
Client Project #: Hardee County Regional Landfill

Date Sampled: Dec 18, 2015

Dec 30, 2015; Invoice: 285647

Lab #: 285647SW1 Sampled: 12/18/15 08:46 AM Desc: SW-2/21062

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	108-90-7	12/22/15
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-00-3	12/22/15
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	67-66-3	12/22/15
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	74-87-3	12/22/15
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10299756	EPA8260	124-48-1	12/22/15
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	074-95-3	12/22/15
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	100-41-4	12/22/15
Methyl iodide	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	074-88-4	12/22/15
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	108-10-1	12/22/15
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	75-09-2	12/22/15
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	106-46-7	12/22/15
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	100-42-5	12/22/15
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	127-18-4	12/22/15
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	108-88-3	12/22/15
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	79-01-6	12/22/15
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-69-4	12/22/15
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10299756	EPA8260	108-05-4	12/22/15
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	75-01-4	12/22/15
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	1330-20-7	12/22/15
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10299756	EPA8260	156-59-2	12/22/15
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	10061-01-5	12/22/15
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	95-50-1	12/22/15
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	156-60-5	12/22/15
trans-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10299756	EPA8260	10061-02-6	12/22/15
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10299756	EPA8260	110-57-6	12/22/15
Surr:1,2-Dichloroethane-d4 (50-170%)	99.77%		1.00	0.0100	0.0100	10299756	EPA8260		12/22/15
Surr:Bromofluorobenzene (50-170%)	105.13%		1.00	1.00	1.00	10299756	EPA8260		12/22/15
Surr:Toluene-d8 (50-170%)	99.97%		1.00	0.0100	0.0100	10299756	EPA8260	460-00-4	12/22/15
TSS	3.25	mg/L	1.00	1.00	2.00	10299768	SM2540 D	E1642818	12/22/15



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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: Dec 18, 2015

Dec 30, 2015; Invoice: 285647

Lab #:	285647SW1	Sampled:	12/18/15 08:46 AM	Desc:	SW-2/21062					
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analized	
BOD5day	2.56	mg/L	1.00	2.00	2.00	10299816	SM5210 B	E1640606	12/18/15	10:30 AM
TDS	352	mg/L	1.00	2.50	5.00	10299853	SM2540 C	10-33-3	12/22/15	
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10299862	EPA8011	096-18-4	12/23/15	
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10299862	EPA8011	106-93-4	12/23/15	
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10299862	EPA8011	96-12-8	12/23/15	
Field DO	0.900	mg/L	1.00	0.100	0.100	10300083	FT1500		12/18/15	
Field pH (units)	6.55	pH	1.00	0.0100	0.0200	10300100	FT1100	C006	12/18/15	
Field Conductivity	470	umhos/cm	1.00	0.100	0.100	10300102	FT1200		12/18/15	
Field Temp. (C)	20.5	oC	1.00	0.100	0.100	10300103	FT1400		12/18/15	
Field Turbidity	10.0	NTU	1.00	0.100	0.100	10300105	FT1600		12/18/15	
Total Phosphorus(as P)	1.42	mg/L	1.00	0.0400	0.100	10300243	EPA365.4	7723-14-0	12/29/15	
Aluminum	0.0100 U	mg/L	1.00	0.0100	0.0200	10300420	EPA6020	7429-90-5	12/21/15	
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10300420	EPA6020	7440-36-0	12/21/15	
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-38-2	12/21/15	
Barium	0.00830	mg/L	1.00	0.00200	0.00400	10300420	EPA6020	7440-39-3	12/21/15	
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10300420	EPA6020	7440-41-7	12/21/15	
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-43-9	12/21/15	
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-47-3	12/21/15	
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-48-4	12/21/15	
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-50-8	12/21/15	
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7439-92-1	12/21/15	
Nickel	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-02-0	12/21/15	
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10300420	EPA6020	7782-49-2	12/21/15	
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10300420	EPA6020	7440-22-4	12/21/15	
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-28-0	12/21/15	
Vanadium	0.00100 U	mg/L	1.00	0.00100	0.00200	10300420	EPA6020	7440-62-2	12/21/15	
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10300420	EPA6020	7440-66-6	12/21/15	
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10300421	EPA245.1	7439-97-6	12/23/15	
TKN(as N)	1.71	mg/L	1.00	0.200	0.400	10300485	EPA351.2	7727-37-9	12/29/15	



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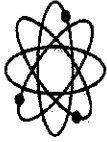
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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Dec 18, 2015
Dec 30, 2015; Invoice: 285647

Lab #: 285647SW1 Sampled: 12/18/15 08:46 AM Desc: SW-2/21062

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	10300489	EPA353.2	14797-55-8	12/18/15 12:40 PM
Nitrite(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10300489	EPA353.2	14797-65-0	12/18/15 12:40 PM



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PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Dec 18, 2015
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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
Chemical Oxygen Demand

Result	Units
214	mg/L

Spike	%REC	%REC Lim
200	107.13	80.00-120.00

Matrix Spike
Chemical Oxygen Demand

Result	Units
587	mg/L

Spike	%REC	%REC Lim	Sample
200	97.88	80.00-120.00	391

Matrix Spike Duplicate
Chemical Oxygen Demand

Result	Units
589	mg/L

Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
200	98.79	80.00-120.00	391	0.31	20.00

Quality Control Batch: 10299584

Analyst: TRB

Blank	Result	Units
Chlorophyll a	1.00U	mg/m3

Quality Control Batch: 10299620

Analyst: PCW

Blank	Result	Units
TOC	1.00U	mg/L

Laboratory Control Sample
TOC

Result	Units
11.6	mg/L

Spike	%REC	%REC Lim
10.0	115.81	80.00-120.00



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Quality Control Batch: 10299620

Analyst: PCW

Matrix Spike

Result	Units	Spike	%REC	%REC Lim	Sample	RPD Lim
25.9	mg/L	10.0	105.19	80.00-120.00	15.4	
Result	Units	Spike	%REC	%REC Lim	Sample	RPD
25.7	mg/L	10.0	102.80	80.00-120.00	15.4	0.92
						20.00

Quality Control Batch: 10299648

Analyst: EVB

Blank

Result	Units
0.0100U	mg/L

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
5.08	mg/L	5.00	101.51	80.00-120.00

Matrix Spike

Result	Units	Spike	%REC	%REC Lim	Sample
7.44	mg/L	5.00	103.68	75.00-125.00	2.25

Matrix Spike Duplicate

Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
7.19	mg/L	5.00	98.75	75.00-125.00	2.25	3.37	20.00

Quality Control Batch: 10299676

Analyst: EVB

Blank

Result	Units
0.100U	mg/L

Total Hardness (as CaCO3)

Quality Control Batch: 10299698

Analyst: TRB

Blank

Result	Units
1.00U	cfu/100mL

Fecal Coliform



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PO #: 40612
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Date Sampled: Dec 18, 2015
Dec 30, 2015; Invoice: 285647

Quality Control Batch: 10299756

Analyst: CTH

Blank	Result	Units
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
Chloroethane	0.500U	ug/L
Chloroform	0.500U	ug/L
Chloromethane	0.500U	ug/L
cis-1,2-dichloroethene	0.200U	ug/L
cis-1,3-Dichloropropene	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
o-dichlorobenzene	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
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



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PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Dec 18, 2015
Dec 30, 2015; Invoice: 285647

Quality Control Batch: 10299756

Analyst: CTH

Blank

Result	Units
0.500U	ug/L
0.500U	ug/L
10.0U	ug/L
0.500U	ug/L
1.00U	ug/L
0.500U	ug/L
0.500U	ug/L
0.100U	ug/L
0.500U	ug/L
0.500U	ug/L
0.500U	ug/L
0.500U	ug/L
0.200U	ug/L
0.500U	ug/L
0.690	ug/L
31.5	ug/L
30.1	ug/L
30.4	ug/L

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
32.2	ug/L	40.0	80.42	50.00-170.00
31.9	ug/L	40.0	79.83	50.00-170.00
31.9	ug/L	40.0	79.65	50.00-170.00
32.8	ug/L	40.0	82.03	50.00-170.00
32.9	ug/L	40.0	82.35	50.00-170.00
35.6	ug/L	40.0	89.00	50.00-170.00
20.7	ug/L	40.0	51.72	50.00-170.00
31.2	ug/L	40.0	78.02	50.00-170.00
35.4	ug/L	40.0	88.50	50.00-170.00



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PO #: 40612

Client Project #: Hardee County Regional Landfill

Date Sampled: Dec 18, 2015

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Quality Control Batch: 10299756

Analyst: CTH

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Chlorobenzene	31.4	ug/L	40.0	78.47	50.00-170.00
Chloroethane	30.5	ug/L	40.0	76.15	50.00-170.00
Chloroform	31.4	ug/L	40.0	78.45	50.00-170.00
Chloromethane	24.7	ug/L	40.0	61.80	50.00-170.00
cis-1,2-dichloroethene	29.7	ug/L	40.0	74.28	50.00-170.00
cis-1,3-Dichloropropene	33.2	ug/L	40.0	83.07	50.00-170.00
Dibromochloromethane	33.5	ug/L	40.0	83.77	50.00-170.00
Dibromomethane	32.1	ug/L	40.0	80.30	50.00-170.00
Ethylbenzene	33.4	ug/L	40.0	83.40	50.00-170.00
Methyl Iodide	22.6	ug/L	40.0	56.37	50.00-170.00
Methyl isobutyl ketone	32.8	ug/L	40.0	82.03	50.00-170.00
Methylene chloride	32.5	ug/L	40.0	81.35	50.00-170.00
o-dichlorobenzene	32.4	ug/L	40.0	80.97	50.00-170.00
Para-dichlorobenzene	31.2	ug/L	40.0	77.88	50.00-170.00
Styrene	37.9	ug/L	40.0	94.80	50.00-170.00
Tetrachloroethene	32.4	ug/L	40.0	81.07	50.00-170.00
Toluene	32.7	ug/L	40.0	81.62	50.00-170.00
trans-1,2-dichloroethene	30.3	ug/L	40.0	75.70	50.00-170.00
trans-1,3,-Dichloropropene	33.3	ug/L	40.0	83.28	50.00-170.00
Trichloroethene	31.9	ug/L	40.0	79.83	50.00-170.00
Trichlorofluoromethane	36.7	ug/L	40.0	91.65	50.00-170.00
Vinyl chloride	31.1	ug/L	40.0	77.70	50.00-170.00
Xylenes	106	ug/L	120	87.97	50.00-170.00
1,1,1,2-Tetrachloroethane	33.7	ug/L	40.0	84.13	50.00-170.00
1,1,1-Trichloroethane	34.6	ug/L	40.0	86.48	50.00-170.00
1,1,2,2-Tetrachloroethane	32.5	ug/L	40.0	81.25	50.00-170.00
1,1,2-Trichloroethane	32.7	ug/L	40.0	81.62	50.00-170.00
1,1-Dichloroethane	32.2	ug/L	40.0	80.45	50.00-170.00
1,1-Dichloroethene	34.7	ug/L	40.0	86.65	50.00-170.00



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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: Dec 18, 2015

Dec 30, 2015; Invoice: 285647

Quality Control Batch: 10299756

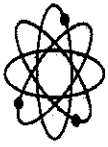
Analyst: CTH

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
33.1	ug/L	40.0	82.83	50.00-170.00
32.4	ug/L	40.0	80.93	50.00-170.00
15.4	ug/L	40.0	38.45	50.00-170.00
34.0	ug/L	40.0	85.05	50.00-170.00
29.1	ug/L	30.0	97.03	50.00-170.00
30.1	ug/L	30.0	100.33	50.00-170.00
29.3	ug/L	30.0	97.50	50.00-170.00

Matrix Spike

Result	Units	Spike	%REC	%REC Lim	Sample
18.4	ug/L	20.0	92.05	50.00-170.00	5.00U
16.3	ug/L	20.0	81.55	50.00-170.00	0.300U
17.1	ug/L	20.0	85.40	50.00-170.00	0.500U
16.7	ug/L	20.0	83.50	50.00-170.00	0.100U
17.4	ug/L	20.0	86.90	50.00-170.00	0.100U
18.1	ug/L	20.0	90.45	50.00-170.00	0.500U
10.3	ug/L	20.0	51.50	50.00-170.00	0.500U
20.0	ug/L	20.0	99.95	50.00-170.00	0.500U
16.3	ug/L	20.0	81.30	50.00-170.00	0.500U
16.5	ug/L	20.0	82.35	50.00-170.00	0.500U
16.5	ug/L	20.0	82.30	50.00-170.00	0.500U
11.7	ug/L	20.0	58.40	50.00-170.00	0.500U
15.8	ug/L	20.0	78.80	50.00-170.00	0.200U
17.1	ug/L	20.0	85.70	50.00-170.00	0.500U
18.0	ug/L	20.0	89.80	50.00-170.00	0.400U
16.2	ug/L	20.0	80.90	50.00-170.00	0.500U
17.4	ug/L	20.0	86.95	50.00-170.00	0.500U
10.6	ug/L	20.0	53.20	50.00-170.00	1.00U
17.9	ug/L	20.0	89.60	50.00-170.00	1.00U
18.2	ug/L	20.0	90.90	50.00-170.00	1.00U



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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: Dec 18, 2015
Dec 30, 2015; Invoice: 285647

Quality Control Batch: 10299756

Analyst: CTH

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
o-dichlorobenzene	16.4	ug/L	20.0	81.90	50.00-170.00	0.500U
Para-dichlorobenzene	15.7	ug/L	20.0	78.55	50.00-170.00	0.500U
Styrene	18.2	ug/L	20.0	91.20	50.00-170.00	0.500U
Tetrachloroethene	17.4	ug/L	20.0	87.15	50.00-170.00	0.500U
Toluene	17.1	ug/L	20.0	85.40	50.00-170.00	0.500U
trans-1,2-dichloroethene	17.2	ug/L	20.0	86.10	50.00-170.00	0.500U
trans-1,3,-Dichloropropene	17.9	ug/L	20.0	89.40	50.00-170.00	0.500U
Trichloroethene	17.1	ug/L	20.0	85.40	50.00-170.00	0.500U
Trichlorofluoromethane	19.7	ug/L	20.0	98.25	50.00-170.00	0.500U
Vinyl chloride	17.2	ug/L	20.0	85.80	50.00-170.00	0.500U
Xylenes	53.6	ug/L	60.0	89.33	50.00-170.00	1.00U
1,1,1,2-Tetrachloroethane	17.4	ug/L	20.0	86.85	50.00-170.00	0.500U
1,1,1-Trichloroethane	18.4	ug/L	20.0	91.80	50.00-170.00	0.500U
1,1,2,2-Tetrachloroethane	17.5	ug/L	20.0	87.30	50.00-170.00	0.100U
1,1,2-Trichloroethane	17.0	ug/L	20.0	84.80	50.00-170.00	0.500U
1,1-Dichloroethane	16.9	ug/L	20.0	84.45	50.00-170.00	0.500U
1,1-Dichloroethene	20.0	ug/L	20.0	99.75	50.00-170.00	0.500U
1,2-dichloroethane	17.2	ug/L	20.0	86.15	50.00-170.00	0.500U
1,2-dichloropropane	16.7	ug/L	20.0	83.45	50.00-170.00	0.200U
2-Butanone (MEK)	8.79	ug/L	20.0	43.95	50.00-170.00	0.500U
2-Hexanone	17.1	ug/L	20.0	85.35	50.00-170.00	0.500U
Surr:Bromofluorobenzene	29.6	ug/L	30.0	98.80	50.00-170.00	
Surr:Toluene-d8	30.2	ug/L	30.0	100.63	50.00-170.00	
Surr:1,2-Dichloroethane-d4	31.3	ug/L	30.0	104.43	50.00-170.00	
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample
Acetone	11.9	ug/L	20.0	59.70	50.00-170.00	5.00U
Acrylonitrile	14.7	ug/L	20.0	73.30	50.00-170.00	0.300U
Benzene	16.2	ug/L	20.0	80.90	50.00-170.00	0.500U
				RPD	RPD Lim	
				42.64	30.00	
				10.66	30.00	
				5.41	30.00	



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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: Dec 18, 2015
Dec 30, 2015; Invoice: 285647

Quality Control Batch: 10299756

Analyst: CTH

Matrix Spike Duplicate

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Bromochloromethane	16.3	ug/L	20.0	81.70	50.00-170.00	0.100U	2.18	30.00
Bromodichloromethane	16.5	ug/L	20.0	82.65	50.00-170.00	0.100U	5.01	30.00
Bromoform	16.7	ug/L	20.0	83.65	50.00-170.00	0.500U	7.81	30.00
Bromomethane	10.9	ug/L	20.0	54.50	50.00-170.00	0.500U	5.66	30.00
Carbon Tetrachloride	19.5	ug/L	20.0	97.35	50.00-170.00	0.500U	2.64	30.00
Chlorobenzene	15.5	ug/L	20.0	77.55	50.00-170.00	0.500U	4.72	30.00
Chloroethane	16.2	ug/L	20.0	81.00	50.00-170.00	0.500U	1.65	30.00
Chloroform	15.8	ug/L	20.0	79.00	50.00-170.00	0.500U	4.09	30.00
Chloromethane	13.3	ug/L	20.0	66.30	50.00-170.00	0.500U	12.67	30.00
cis-1,2-dichloroethene	15.3	ug/L	20.0	76.30	50.00-170.00	0.200U	3.22	30.00
cis-1,3-Dichloropropene	16.6	ug/L	20.0	82.90	50.00-170.00	0.500U	3.32	30.00
Dibromochloromethane	16.8	ug/L	20.0	84.20	50.00-170.00	0.400U	6.44	30.00
Dibromomethane	15.9	ug/L	20.0	79.55	50.00-170.00	0.500U	1.68	30.00
Ethylbenzene	16.5	ug/L	20.0	82.40	50.00-170.00	0.500U	5.37	30.00
Methyl Iodide	11.4	ug/L	20.0	56.95	50.00-170.00	1.00U	6.81	30.00
Methyl isobutyl ketone	16.5	ug/L	20.0	82.70	50.00-170.00	1.00U	8.01	30.00
Methylene chloride	17.1	ug/L	20.0	85.45	50.00-170.00	1.00U	6.18	30.00
o-dichlorobenzene	15.3	ug/L	20.0	76.55	50.00-170.00	0.500U	6.75	30.00
Para-dichlorobenzene	14.9	ug/L	20.0	74.30	50.00-170.00	0.500U	5.56	30.00
Styrene	17.6	ug/L	20.0	87.75	50.00-170.00	0.500U	3.86	30.00
Tetrachloroethene	16.6	ug/L	20.0	82.85	50.00-170.00	0.500U	5.06	30.00
Toluene	15.9	ug/L	20.0	79.50	50.00-170.00	0.500U	7.16	30.00
trans-1,2-dichloroethene	16.2	ug/L	20.0	80.95	50.00-170.00	0.500U	6.17	30.00
trans-1,3-Dichloropropene	16.7	ug/L	20.0	83.55	50.00-170.00	0.500U	6.76	30.00
Trichloroethene	16.3	ug/L	20.0	81.65	50.00-170.00	0.500U	4.49	30.00
Trichlorofluoromethane	18.5	ug/L	20.0	92.40	50.00-170.00	0.500U	6.14	30.00
Vinyl chloride	16.9	ug/L	20.0	84.50	50.00-170.00	0.500U	1.53	30.00
Xylenes	50.8	ug/L	60.0	84.67	50.00-170.00	1.00U	5.36	30.00
1,1,1,2-Tetrachloroethane	16.5	ug/L	20.0	82.45	50.00-170.00	0.500U	5.20	30.00



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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: Dec 18, 2015

Dec 30, 2015; Invoice: 285647

Quality Control Batch: 10299756

Analyst: CTH

Matrix Spike Duplicate

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
1,1,1-Trichloroethane	17.4	ug/L	20.0	87.05	50.00-170.00	0.500U	5.31	30.00
1,1,2,2-Tetrachloroethane	15.6	ug/L	20.0	77.75	50.00-170.00	0.100U	11.57	30.00
1,1,2-Trichloroethane	15.7	ug/L	20.0	78.70	50.00-170.00	0.500U	7.46	30.00
1,1-Dichloroethane	16.2	ug/L	20.0	80.80	50.00-170.00	0.500U	4.42	30.00
1,1-Dichloroethene	19.0	ug/L	20.0	95.10	50.00-170.00	0.500U	4.77	30.00
1,2-dichloroethane	16.7	ug/L	20.0	83.45	50.00-170.00	0.500U	3.18	30.00
1,2-dichloropropane	16.1	ug/L	20.0	80.50	50.00-170.00	0.200U	3.60	30.00
2-Butanone (MEK)	7.33	ug/L	20.0	36.65	50.00-170.00	0.500U	18.11	30.00
2-Hexanone	16.0	ug/L	20.0	80.15	50.00-170.00	0.500U	6.28	30.00
Surr:Bromofluorobenzene	28.7	ug/L	30.0	95.67	50.00-170.00		3.22	30.00
Surr:Toluene-d8	30.1	ug/L	30.0	100.17	50.00-170.00		0.46	30.00
Surr:1,2-Dichloroethane-d4	30.2	ug/L	30.0	100.80	50.00-170.00		3.54	30.00

Quality Control Batch: 10299768

Analyst: PLB

Blank

Result 1.00U
Units mg/L

TSS

Laboratory Control Sample

Result 84.0
Units mg/L
Spike 84.0
%REC 100.00
%REC Lim 50.00-150.00

Quality Control Batch: 10299816

Analyst: CCP

Blank

Result 2.00U
Units mg/L

BOD5day

Laboratory Control Sample

Result 172
Units mg/L
Spike 198
%REC 86.69
%REC Lim 85.00-115.00



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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: Dec 18, 2015
Dec 30, 2015; Invoice: 285647

Quality Control Batch: 10299853

Analyst: PLB

Blank	Result	Units
TDS	2.50U	mg/L

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
1570	mg/L	1500	104.93	50.00-150.00

Quality Control Batch: 10299862

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

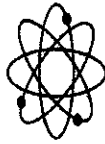
Result	Units	Spike	%REC	%REC Lim
0.218	ug/L	0.250	87.16	50.00-170.00
0.134	ug/L	0.250	53.48	50.00-170.00
0.203	ug/L	0.250	81.32	50.00-170.00

Matrix Spike

Result	Units	Spike	%REC	%REC Lim	Sample
0.346	ug/L	0.250	138.36	50.00-170.00	0.0200U
0.313	ug/L	0.250	125.04	50.00-170.00	0.0100U
0.248	ug/L	0.250	99.24	50.00-170.00	0.0200U

Matrix Spike Duplicate

Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
0.344	ug/L	0.250	137.64	50.00-170.00	0.0200U	0.52	30.00
0.232	ug/L	0.250	92.84	50.00-170.00	0.0100U	29.56	30.00
0.248	ug/L	0.250	99.16	50.00-170.00	0.0200U	0.08	30.00



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PO #: 40612

Client Project #: Hardee County Regional Landfill

Date Sampled: Dec 18, 2015

Dec 30, 2015; Invoice: 285647

Quality Control Batch: 10300243

Analyst: VLB

Blank	Result	Units
Total Phosphorus(as P)	0.0400U	mg/L

Laboratory Control Sample

Total Phosphorus(as P)	Result	Units	Spike	%REC	%REC Lim
	1.58	mg/L	1.50	105.23	85.00-115.00

Matrix Spike

Total Phosphorus(as P)	Result	Units	Spike	%REC	%REC Lim	Sample
	2.05	mg/L	1.50	83.26	85.00-115.00	0.798

Matrix Spike Duplicate

Total Phosphorus(as P)	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
	2.29	mg/L	1.50	99.81	85.00-115.00	0.798	11.44	20.00

Quality Control Batch: 10300420

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	0.00100U	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
Thallium	0.00100U	mg/L



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PO #: 40612

Client Project #: Hardee County Regional Landfill
Date Sampled: Dec 18, 2015
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Quality Control Batch: 10300420

Analyst: EVB

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

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Aluminum	0.0931	mg/L	0.100	93.10	80.00-120.00
Antimony	0.104	mg/L	0.100	103.90	80.00-120.00
Arsenic	0.101	mg/L	0.100	100.50	80.00-120.00
Barium	0.0989	mg/L	0.100	98.90	80.00-120.00
Beryllium	0.102	mg/L	0.100	102.40	80.00-120.00
Cadmium	0.0992	mg/L	0.100	99.20	80.00-120.00
Chromium	0.105	mg/L	0.100	104.50	80.00-120.00
Cobalt	0.101	mg/L	0.100	100.70	80.00-120.00
Copper	0.0995	mg/L	0.100	99.50	80.00-120.00
Lead	0.108	mg/L	0.100	107.90	80.00-120.00
Nickel	0.106	mg/L	0.100	105.60	80.00-120.00
Selenium	0.101	mg/L	0.100	100.80	80.00-120.00
Silver	0.102	mg/L	0.100	101.80	80.00-120.00
Thallium	0.102	mg/L	0.100	101.70	80.00-120.00
Vanadium	0.104	mg/L	0.100	103.70	80.00-120.00
Zinc	0.0926	mg/L	0.100	92.60	80.00-120.00

Matrix Spike

	Result	Units	Spike	%REC	%REC Lim	Sample
Aluminum	0.0909	mg/L	0.100	90.90	75.00-125.00	0.0100U
Antimony	0.104	mg/L	0.100	104.10	75.00-125.00	0.00200U
Arsenic	0.0967	mg/L	0.100	96.70	75.00-125.00	0.00100U
Barium	0.0858	mg/L	0.100	77.50	75.00-125.00	0.00830
Beryllium	0.0982	mg/L	0.100	98.20	75.00-125.00	0.000500U
Cadmium	0.0834	mg/L	0.100	83.40	75.00-125.00	0.00100U
Chromium	0.119	mg/L	0.100	118.60	75.00-125.00	0.00100U



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812 SW Harvey Green Dr, Madison, FL 32340 Phone: 850-973-6878 E82405 (North Lab)
3980 Overseas Hwy, Suite 103, Marathon, FL 33050 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: Dec 18, 2015
Dec 30, 2015; Invoice: 285647

Quality Control Batch: 10300420

Analyst: EVB

Matrix Spike

Matrix	Result	Units	Spike	%REC	%REC Lim	Sample
Cobalt	0.109	mg/L	0.100	108.70	75.00-125.00	0.00100U
Copper	0.113	mg/L	0.100	112.50	75.00-125.00	0.00100U
Lead	0.0879	mg/L	0.100	87.90	75.00-125.00	0.00100U
Nickel	0.108	mg/L	0.100	108.10	75.00-125.00	0.00100U
Selenium	0.0895	mg/L	0.100	89.50	75.00-125.00	0.00200U
Silver	0.0946	mg/L	0.100	94.60	75.00-125.00	0.000500U
Thallium	0.0890	mg/L	0.100	89.00	75.00-125.00	0.00100U
Vanadium	0.122	mg/L	0.100	121.80	75.00-125.00	0.00100U
Zinc	0.0907	mg/L	0.100	86.80	75.00-125.00	0.00390

Matrix Spike Duplicate

Matrix	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Aluminum	0.0930	mg/L	0.100	93.00	75.00-125.00	0.0100U	2.28	20.00
Antimony	0.0939	mg/L	0.100	93.90	75.00-125.00	0.00200U	10.30	20.00
Arsenic	0.101	mg/L	0.100	101.10	75.00-125.00	0.00100U	4.45	20.00
Barium	0.0814	mg/L	0.100	73.10	75.00-125.00	0.00830	5.26	20.00
Beryllium	0.0950	mg/L	0.100	95.00	75.00-125.00	0.000500U	3.31	20.00
Cadmium	0.0828	mg/L	0.100	82.80	75.00-125.00	0.00100U	0.72	20.00
Chromium	0.117	mg/L	0.100	116.60	75.00-125.00	0.00100U	1.70	20.00
Cobalt	0.107	mg/L	0.100	106.60	75.00-125.00	0.00100U	1.95	20.00
Copper	0.111	mg/L	0.100	111.10	75.00-125.00	0.00100U	1.25	20.00
Lead	0.0911	mg/L	0.100	91.10	75.00-125.00	0.00100U	3.58	20.00
Nickel	0.107	mg/L	0.100	106.90	75.00-125.00	0.00100U	1.12	20.00
Selenium	0.0963	mg/L	0.100	96.30	75.00-125.00	0.00200U	7.32	20.00
Silver	0.0905	mg/L	0.100	90.50	75.00-125.00	0.000500U	4.43	20.00
Thallium	0.0860	mg/L	0.100	86.00	75.00-125.00	0.00100U	3.43	20.00
Vanadium	0.121	mg/L	0.100	120.90	75.00-125.00	0.00100U	0.74	20.00
Zinc	0.0886	mg/L	0.100	84.70	75.00-125.00	0.00390	2.34	20.00



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Tampa, FL 33607

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Dec 18, 2015
Dec 30, 2015; Invoice: 285647

Quality Control Batch: 10300421

Analyst: EVB		Result	Units
Blank		0.0000350	mg/L
Mercury			
Laboratory Control Sample			
Mercury			
Result	Units	Spike	%REC
0.000980	mg/L	0.00100	97.95
%REC Lim 80.00-120.00			
Matrix Spike			
Mercury			
Result	Units	Spike	%REC
0.00276	mg/L	0.00300	91.75
%REC Lim 80.00-120.00			
Sample		0.0000114	
Matrix Spike Duplicate			
Mercury			
Result	Units	Spike	%REC
0.00282	mg/L	0.00300	93.72
%REC Lim 80.00-120.00			
Sample		0.0000114	
RPD		2.11	
RPD Lim		20.00	

Quality Control Batch: 10300485

Analyst: VLB		Result	Units
Blank		0.200U	mg/L
TKN(as N)			
Laboratory Control Sample			
TKN(as N)			
Result	Units	Spike	%REC
2.84	mg/L	3.00	94.71
%REC Lim 80.00-120.00			
Matrix Spike			
TKN(as N)			
Result	Units	Spike	%REC
3.17	mg/L	3.00	83.71
%REC Lim 80.00-120.00			
Sample		0.660	
Matrix Spike Duplicate			
TKN(as N)			
Result	Units	Spike	%REC
3.37	mg/L	3.00	90.41
%REC Lim 80.00-120.00			
Sample		0.660	
RPD		6.14	
RPD Lim		20.00	

Quality Control Batch: 10300489

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



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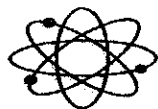
PO #: 40612

Client Project #: Hardee County Regional Landfill

Date Sampled: Dec 18, 2015

Dec 30, 2015; Invoice: 285647

Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim		
Nitrate(as N)		1.01	mg/L	1.00	101.00	85.00-115.00		
Nitrite(as N)		1.06	mg/L	1.00	106.00	85.00-115.00		
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Sample	
Nitrite(as N)		4.13	mg/L	4.00	103.25	85.00-115.00	0.0200U	
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD Lim
Nitrite(as N)		4.13	mg/L	4.00	103.25	85.00-115.00	0.0200U	20.00
								RPD
								0.00



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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 for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted. Sample results reported as dissolved were field filtered.

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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Fax: 407-260-6110

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Port St. Lucie, FL 34986
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Bus: 305-743-8598
Fax: 305-743-8598



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Client ATKINS (TAMPA) Project Name _____ P.O. # _____

Address _____ Client Contact _____ FAX _____

FCL Project Manager _____ E-MAIL _____

Phone _____ Requested Due Date _____ Rush Charges May Apply

Sampled By (PRINT) Raymond Castro 12/18/15 Vehicle Surcharge \$ _____ Sampling Fee \$ _____

Sampler Signature _____ Date Sampled _____ Pick-Up Fee \$ _____

PRESERVATIVES				ANALYSES REQUEST				COMMENTS				
ITEM NO.	SAMPLE ID	DATE	TIME	MATRIX	(LAB USE ONLY) LAB NO.	NONE	H ₂ SO ₄	HNO ₃	HCl	Na ₂ S ₂ O ₃		
1	SW-2	12/18/15		SW	285647501							2.901
2												13
3												
4												
5												
6												
7												
8												
9												
10												

FINANCE CHARGES APPLIED TO PAST DUE INVOICES

• WHITE - Lab Conv - To Be Scanned

• YELLOW - Client Conv

Rev 04-08