

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 LAN
Date Sampled: May 20, 2015
Jun 3, 2015; Invoice: 267047

Report Summary

Date Received: May 21, 2015

FCL Project Manager: June S. Flowers

Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
267047GW1	MW-1/296	EPA300.0	YGS	Main Lab	Ground Water
		EPA350.1	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CTH	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	VLB	Main Lab	
267047GW2	MW-2/297	EPA300.0	YGS	Main Lab	Ground Water
		EPA350.1	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CTH	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	VLB	Main Lab	
267047GW3	MW-4/299	EPA300.0	YGS	Main Lab	Ground Water
		EPA350.1	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CTH	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	



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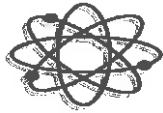
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Atkins-Tampa
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267047GW4	MW-10R/22930	FT1600	RJC	Main Lab	Ground Water
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	VLB	Main Lab	
		EPA300.0	YGS	Main Lab	
		EPA350.1	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CTH	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
267047GW5	MW-11/21882	FT1500	RJC	Main Lab	Ground Water
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	VLB	Main Lab	
		EPA300.0	YGS	Main Lab	
		EPA350.1	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CTH	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		267047GW6	MW-12R/22931	FT1200	
FT1400	RJC			Main Lab	
FT1500	RJC			Main Lab	
FT1600	RJC			Main Lab	
SM2540 C	PLB			Main Lab	
SM4500-CI E	VLB			Main Lab	
EPA300.0	YGS			Main Lab	
EPA350.1	PCW			Main Lab	
EPA6010	EVB			Main Lab	
EPA6020	EVB			Main Lab	
EPA7470	EVB			Main Lab	
EPA8011	DLJ			Main Lab	
EPA8260	CTH			Main Lab	
FT1000	RJC			Main Lab	
FT1100	RJC	Main Lab			
FT1200	RJC	Main Lab			
FT1400	RJC	Main Lab			
FT1500	RJC	Main Lab			
FT1600	RJC	Main Lab			
SM2540 C	PLB	Main Lab			



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267047GW7	MW-13/29063	SM4500-CI E	VLB	Main Lab	Ground Water
		EPA300.0	YGS	Main Lab	
		EPA350.1	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CTH	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		267047GW8	MW-14/29064	SM4500-CI E	
EPA300.0	YGS			Main Lab	
EPA350.1	PCW			Main Lab	
EPA6010	EVB			Main Lab	
EPA6020	EVB			Main Lab	
EPA7470	EVB			Main Lab	
EPA8011	DLJ			Main Lab	
EPA8260	CTH			Main Lab	
FT1000	RJC			Main Lab	
FT1100	RJC			Main Lab	
FT1200	RJC			Main Lab	
FT1400	RJC			Main Lab	
FT1500	RJC			Main Lab	
FT1600	RJC			Main Lab	
SM2540 C	PLB			Main Lab	
267047GW9	Trip Blank			SM4500-CI E	VLB
		EPA8260	CTH	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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Analysis Report

Lab #: 267047GW1 Sampled: 05/20/15 12:42 PM Desc: MW-1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.200 U	mg/L	1.00	0.200	0.400	10282149	EPA300.0	14797-55-8	05/21/15 11:30 AM
Chloride	22.1	mg/L	1.00	4.00	8.00	10282259	SM4500-Cl E	16887-00-6	05/23/15
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10282418	EPA6020	7440-36-0	05/26/15
Arsenic	0.00330	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-38-2	05/26/15
Barium	0.00780	mg/L	1.00	0.00200	0.00400	10282418	EPA6020	7440-39-3	05/26/15
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10282418	EPA6020	7440-41-7	05/26/15
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-43-9	05/26/15
Chromium	0.00230	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-47-3	05/26/15
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-48-4	05/26/15
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-50-8	05/26/15
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7439-92-1	05/26/15
Nickel	0.00540	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-02-0	05/26/15
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10282418	EPA6020	7782-49-2	05/26/15
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10282418	EPA6020	7440-22-4	05/26/15
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-28-0	05/26/15
Vanadium	0.0221	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-62-2	05/26/15
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10282418	EPA6020	7440-66-6	05/26/15
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10282425	EPA7470	7439-97-6	05/27/15
TDS	228	mg/L	1.00	2.50	5.00	10282483	SM2540 C	10-33-3	05/23/15
Iron	7.93	mg/L	1.00	0.0100	0.0200	10282521	EPA6010	7439-89-6	05/27/15
Sodium	11.7	mg/L	1.00	0.500	1.00	10282521	EPA6010	7440-23-5	05/27/15
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	630-20-6	05/27/15
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	71-55-6	05/27/15
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10282647	EPA8260	79-34-5	05/27/15
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	79-00-5	05/27/15
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-34-3	05/27/15
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-35-4	05/27/15



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Lab #: 267047GW1 Sampled: 05/20/15 12:42 PM Desc: MW-1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10282647	EPA8260	107-06-2	05/27/15
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10282647	EPA8260	78-87-5	05/27/15
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	78-93-3	05/27/15
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	591-78-6	05/27/15
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10282647	EPA8260	67-64-1	05/27/15
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10282647	EPA8260	107-13-1	05/27/15
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	71-43-2	05/27/15
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10282647	EPA8260	074-97-5	05/27/15
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10282647	EPA8260	75-27-4	05/27/15
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-25-2	05/27/15
Bromomethane	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	74-83-9	05/27/15
Carbon Disulfide	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-15-0	05/27/15
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	56-23-5	05/27/15
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	108-90-7	05/27/15
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-00-3	05/27/15
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	67-66-3	05/27/15
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	74-87-3	05/27/15
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10282647	EPA8260	124-48-1	05/27/15
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	074-95-3	05/27/15
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	100-41-4	05/27/15
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	074-88-4	05/27/15
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	108-10-1	05/27/15
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	75-09-2	05/27/15
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	106-46-7	05/27/15
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	100-42-5	05/27/15
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	127-18-4	05/27/15
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	108-88-3	05/27/15
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	79-01-6	05/27/15
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-69-4	05/27/15



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Lab #: 267047GW1 Sampled: 05/20/15 12:42 PM Desc: MW-1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10282647	EPA8260	108-05-4	05/27/15
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-01-4	05/27/15
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	1330-20-7	05/27/15
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10282647	EPA8260	156-59-2	05/27/15
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	10061-01-5	05/27/15
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	95-50-1	05/27/15
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	156-60-5	05/27/15
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	10061-02-6	05/27/15
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	110-57-6	05/27/15
Surr:1,2-Dichloroethane-d4 (50-170%)	103.93%		1.00	0.0100	0.0100	10282647	EPA8260		05/27/15
Surr:Bromofluorobenzene (50-170%)	105.77%		1.00	1.00	1.00	10282647	EPA8260	460-00-4	05/27/15
Surr:Toluene-d8 (50-170%)	99.90%		1.00	0.0100	0.0100	10282647	EPA8260		05/27/15
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10282918	EPA350.1	7664-41-7	06/02/15
Field Ground Water Elevation	81.1	ft	1.00	-10.0	-10.0	10283017	FT1000		05/20/15
Field pH (units)	5.34	pH	1.00	0.0100	0.0200	10283018	FT1100	C006	05/20/15
Field Conductivity	182	umhos/cm	1.00	0.100	0.100	10283019	FT1200		05/20/15
Field Temp. (C)	25.3	oC	1.00	0.100	0.100	10283020	FT1400		05/20/15
Field DO	0.846	mg/L	1.00	0.100	0.100	10283021	FT1500		05/20/15
Field Turbidity	6.70	NTU	1.00	0.100	0.100	10283022	FT1600		05/20/15
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10283142	EPA8011	096-18-4	05/28/15
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10283142	EPA8011	106-93-4	05/28/15
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10283142	EPA8011	96-12-8	05/28/15

Lab #: 267047GW2 Sampled: 05/20/15 10:56 AM Desc: MW-2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.200 U	mg/L	1.00	0.200	0.400	10282149	EPA300.0	14797-55-8	05/21/15 11:30 AM
Chloride	24.8	mg/L	1.00	4.00	8.00	10282259	SM4500-Cl E	16887-00-6	05/23/15
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10282418	EPA6020	7440-36-0	05/26/15
Arsenic	0.00440	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-38-2	05/26/15



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Lab #: 267047GW2 Sampled: 05/20/15 10:56 AM Desc: MW-2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Barium	0.0208	mg/L	1.00	0.00200	0.00400	10282418	EPA6020	7440-39-3	05/26/15
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10282418	EPA6020	7440-41-7	05/26/15
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-43-9	05/26/15
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-47-3	05/26/15
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-48-4	05/26/15
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-50-8	05/26/15
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7439-92-1	05/26/15
Nickel	0.00180 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-02-0	05/26/15
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10282418	EPA6020	7782-49-2	05/26/15
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10282418	EPA6020	7440-22-4	05/26/15
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-28-0	05/26/15
Vanadium	0.00490	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-62-2	05/26/15
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10282418	EPA6020	7440-66-6	05/26/15
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10282425	EPA7470	7439-97-6	05/27/15
TDS	326	mg/L	1.00	2.50	5.00	10282483	SM2540 C	10-33-3	05/23/15
Iron	14.7	mg/L	1.00	0.0100	0.0200	10282521	EPA6010	7439-89-6	05/27/15
Sodium	15.6	mg/L	1.00	0.500	1.00	10282521	EPA6010	7440-23-5	05/27/15
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	630-20-6	05/27/15
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	71-55-6	05/27/15
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10282647	EPA8260	79-34-5	05/27/15
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	79-00-5	05/27/15
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-34-3	05/27/15
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-35-4	05/27/15
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10282647	EPA8260	107-06-2	05/27/15
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10282647	EPA8260	78-87-5	05/27/15
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	78-93-3	05/27/15
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	591-78-6	05/27/15
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10282647	EPA8260	67-64-1	05/27/15
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10282647	EPA8260	107-13-1	05/27/15



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

PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: May 20, 2015

Jun 3, 2015; Invoice: 267047

Lab #: 267047GW2 Sampled: 05/20/15 10:56 AM Desc: MW-2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	71-43-2	05/27/15
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10282647	EPA8260	074-97-5	05/27/15
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10282647	EPA8260	75-27-4	05/27/15
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-25-2	05/27/15
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	74-83-9	05/27/15
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	75-15-0	05/27/15
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	56-23-5	05/27/15
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	108-90-7	05/27/15
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-00-3	05/27/15
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	67-66-3	05/27/15
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	74-87-3	05/27/15
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10282647	EPA8260	124-48-1	05/27/15
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	074-95-3	05/27/15
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	100-41-4	05/27/15
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	074-88-4	05/27/15
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	108-10-1	05/27/15
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	75-09-2	05/27/15
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	106-46-7	05/27/15
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	100-42-5	05/27/15
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	127-18-4	05/27/15
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	108-88-3	05/27/15
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	79-01-6	05/27/15
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-69-4	05/27/15
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10282647	EPA8260	108-05-4	05/27/15
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-01-4	05/27/15
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	1330-20-7	05/27/15
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10282647	EPA8260	156-59-2	05/27/15
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	10061-01-5	05/27/15
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	95-50-1	05/27/15



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Tampa, FL 33607

PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: May 20, 2015

Jun 3, 2015; Invoice: 267047

Lab #: 267047GW2 Sampled: 05/20/15 10:56 AM Desc: MW-2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	156-60-5	05/27/15
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	10061-02-6	05/27/15
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	110-57-6	05/27/15
Surr:1,2-Dichloroethane-d4 (50-170%)	102.50%		1.00	0.0100	0.0100	10282647	EPA8260		05/27/15
Surr:Bromofluorobenzene (50-170%)	105.57%		1.00	1.00	1.00	10282647	EPA8260	460-00-4	05/27/15
Surr:Toluene-d8 (50-170%)	101.93%		1.00	0.0100	0.0100	10282647	EPA8260		05/27/15
Ammonia (as N)	0.178	mg/L	1.00	0.0100	0.0200	10282918	EPA350.1	7664-41-7	06/02/15
Field Ground Water Elevation	78.2	ft	1.00	-10.0	-10.0	10283017	FT1000		05/20/15
Field pH (units)	7.35	pH	1.00	0.0100	0.0200	10283018	FT1100	C006	05/20/15
Field Conductivity	507	umhos/cm	1.00	0.100	0.100	10283019	FT1200		05/20/15
Field Temp. (C)	26.0	oC	1.00	0.100	0.100	10283020	FT1400		05/20/15
Field DO	1.24	mg/L	1.00	0.100	0.100	10283021	FT1500		05/20/15
Field Turbidity	13.3	NTU	1.00	0.100	0.100	10283022	FT1600		05/20/15
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10283142	EPA8011	096-18-4	05/28/15
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10283142	EPA8011	106-93-4	05/28/15
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10283142	EPA8011	96-12-8	05/28/15

Lab #: 267047GW3 Sampled: 05/20/15 11:37 AM Desc: MW-4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.200 U	mg/L	1.00	0.200	0.400	10282149	EPA300.0	14797-55-8	05/21/15 11:30 AM
Chloride	16.8	mg/L	1.00	4.00	8.00	10282259	SM4500-Cl E	16887-00-6	05/23/15
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10282418	EPA6020	7440-36-0	05/26/15
Arsenic	0.0131	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-38-2	05/26/15
Barium	0.00930	mg/L	1.00	0.00200	0.00400	10282418	EPA6020	7440-39-3	05/26/15
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10282418	EPA6020	7440-41-7	05/26/15
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-43-9	05/26/15
Chromium	0.00330	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-47-3	05/26/15
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-48-4	05/26/15
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-50-8	05/26/15



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Lab #: 267047GW3 Sampled: 05/20/15 11:37 AM 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	10282418	EPA6020	7439-92-1	05/26/15
Nickel	0.00280	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-02-0	05/26/15
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10282418	EPA6020	7782-49-2	05/26/15
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10282418	EPA6020	7440-22-4	05/26/15
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-28-0	05/26/15
Vanadium	0.0219	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-62-2	05/26/15
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10282418	EPA6020	7440-66-6	05/26/15
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10282425	EPA7470	7439-97-6	05/27/15
TDS	328	mg/L	1.00	2.50	5.00	10282483	SM2540 C	10-33-3	05/23/15
Iron	12.9	mg/L	1.00	0.0100	0.0200	10282521	EPA6010	7439-89-6	05/27/15
Sodium	7.49	mg/L	1.00	0.500	1.00	10282521	EPA6010	7440-23-5	05/27/15
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	630-20-6	05/27/15
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	71-55-6	05/27/15
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10282647	EPA8260	79-34-5	05/27/15
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	79-00-5	05/27/15
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-34-3	05/27/15
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-35-4	05/27/15
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10282647	EPA8260	107-06-2	05/27/15
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10282647	EPA8260	78-87-5	05/27/15
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	78-93-3	05/27/15
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	591-78-6	05/27/15
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10282647	EPA8260	67-64-1	05/27/15
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10282647	EPA8260	107-13-1	05/27/15
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	71-43-2	05/27/15
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10282647	EPA8260	074-97-5	05/27/15
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10282647	EPA8260	75-27-4	05/27/15
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-25-2	05/27/15
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	74-83-9	05/27/15
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	75-15-0	05/27/15



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Lab #: 267047GW3 Sampled: 05/20/15 11:37 AM Desc: MW-4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	56-23-5	05/27/15
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	108-90-7	05/27/15
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-00-3	05/27/15
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	67-66-3	05/27/15
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	74-87-3	05/27/15
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10282647	EPA8260	124-48-1	05/27/15
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	074-95-3	05/27/15
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	100-41-4	05/27/15
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	074-88-4	05/27/15
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	108-10-1	05/27/15
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	75-09-2	05/27/15
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	106-46-7	05/27/15
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	100-42-5	05/27/15
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	127-18-4	05/27/15
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	108-88-3	05/27/15
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	79-01-6	05/27/15
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-69-4	05/27/15
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10282647	EPA8260	108-05-4	05/27/15
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-01-4	05/27/15
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	1330-20-7	05/27/15
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10282647	EPA8260	156-59-2	05/27/15
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	10061-01-5	05/27/15
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	95-50-1	05/27/15
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	156-60-5	05/27/15
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	10061-02-6	05/27/15
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	110-57-6	05/27/15
Surr:1,2-Dichloroethane-d4 (50-170%)	105.77%		1.00	0.0100	0.0100	10282647	EPA8260		05/27/15
Surr:Bromofluorobenzene (50-170%)	104.30%		1.00	1.00	1.00	10282647	EPA8260		05/27/15
Surr:Toluene-d8 (50-170%)	101.17%		1.00	0.0100	0.0100	10282647	EPA8260		05/27/15



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

PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: May 20, 2015
Jun 3, 2015; Invoice: 267047

Lab #: 267047GW3 Sampled: 05/20/15 11:37 AM Desc: MW-4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Ammonia (as N)	0.223	mg/L	1.00	0.0100	0.0200	10282919	EPA350.1	7664-41-7	06/02/15
Field Ground Water Elevation	79.2	ft	1.00	-10.0	-10.0	10283017	FT1000		05/20/15
Field pH (units)	6.61	pH	1.00	0.0100	0.0200	10283018	FT1100	C006	05/20/15
Field Conductivity	290	umhos/cm	1.00	0.100	0.100	10283019	FT1200		05/20/15
Field Temp. (C)	23.3	oC	1.00	0.100	0.100	10283020	FT1400		05/20/15
Field DO	0.972	mg/L	1.00	0.100	0.100	10283021	FT1500		05/20/15
Field Turbidity	6.16	NTU	1.00	0.100	0.100	10283022	FT1600		05/20/15
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10283142	EPA8011	096-18-4	05/28/15
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10283142	EPA8011	106-93-4	05/28/15
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10283142	EPA8011	96-12-8	05/28/15

Lab #: 267047GW4 Sampled: 05/20/15 04:58 PM Desc: MW-10R/22930

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.200 U	mg/L	1.00	0.200	0.400	10282149	EPA300.0	14797-55-8	05/21/15 11:30 AM
Chloride	14.6	mg/L	1.00	4.00	8.00	10282259	SM4500-Cl E	16887-00-6	05/23/15
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10282418	EPA6020	7440-36-0	05/26/15
Arsenic	0.00300	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-38-2	05/26/15
Barium	0.0144	mg/L	1.00	0.00200	0.00400	10282418	EPA6020	7440-39-3	05/26/15
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10282418	EPA6020	7440-41-7	05/26/15
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-43-9	05/26/15
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-47-3	05/26/15
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-48-4	05/26/15
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-50-8	05/26/15
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7439-92-1	05/26/15
Nickel	0.00130 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-02-0	05/26/15
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10282418	EPA6020	7782-49-2	05/26/15
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10282418	EPA6020	7440-22-4	05/26/15
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-28-0	05/26/15
Vanadium	0.00310	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-62-2	05/26/15



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

PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: May 20, 2015
Jun 3, 2015; Invoice: 267047

Lab #: 267047GW4 Sampled: 05/20/15 04:58 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	10282418	EPA6020	7440-66-6	05/26/15
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10282425	EPA7470	7439-97-6	05/27/15
TDS	176	mg/L	1.00	2.50	5.00	10282483	SM2540 C	10-33-3	05/23/15
Iron	22.4	mg/L	1.00	0.0100	0.0200	10282521	EPA6010	7439-89-6	05/27/15
Sodium	15.2	mg/L	1.00	0.500	1.00	10282521	EPA6010	7440-23-5	05/27/15
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	630-20-6	05/27/15
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	71-55-6	05/27/15
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10282647	EPA8260	79-34-5	05/27/15
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	79-00-5	05/27/15
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-34-3	05/27/15
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-35-4	05/27/15
1,2-dichloroethane	0.200 U	ug/L	1.00	0.200	0.400	10282647	EPA8260	107-06-2	05/27/15
1,2-dichloropropane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	78-87-5	05/27/15
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	78-93-3	05/27/15
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	591-78-6	05/27/15
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10282647	EPA8260	67-64-1	05/27/15
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10282647	EPA8260	107-13-1	05/27/15
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	71-43-2	05/27/15
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10282647	EPA8260	074-97-5	05/27/15
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10282647	EPA8260	75-27-4	05/27/15
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-25-2	05/27/15
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	74-83-9	05/27/15
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	75-15-0	05/27/15
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	56-23-5	05/27/15
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	108-90-7	05/27/15
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-00-3	05/27/15
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	67-66-3	05/27/15
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	74-87-3	05/27/15
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10282647	EPA8260	124-48-1	05/27/15



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

PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: May 20, 2015
Jun 3, 2015; Invoice: 267047

Lab #: 267047GW4 Sampled: 05/20/15 04:58 PM Desc: MW-10R/22930

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	074-95-3	05/27/15
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	100-41-4	05/27/15
Methyl iodide	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	074-88-4	05/27/15
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	108-10-1	05/27/15
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	75-09-2	05/27/15
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	106-46-7	05/27/15
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	100-42-5	05/27/15
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	127-18-4	05/27/15
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	108-88-3	05/27/15
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	79-01-6	05/27/15
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-69-4	05/27/15
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10282647	EPA8260	108-05-4	05/27/15
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-01-4	05/27/15
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	1330-20-7	05/27/15
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10282647	EPA8260	156-59-2	05/27/15
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	10061-01-5	05/27/15
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	95-50-1	05/27/15
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	156-60-5	05/27/15
trans-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	10061-02-6	05/27/15
trans-1,4-dichloro-2-butene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	110-57-6	05/27/15
Surr:1,2-Dichloroethane-d4 (50-170%)	105.10%		1.00	0.0100	0.0100	10282647	EPA8260	460-00-4	05/27/15
Surr:Bromofluorobenzene (50-170%)	100.50%		1.00	1.00	1.00	10282647	EPA8260	7664-41-7	05/27/15
Surr:Toluene-d8 (50-170%)	99.37%		1.00	0.0100	0.0100	10282647	EPA8260		05/27/15
Ammonia (as N)	0.431	mg/L	1.00	0.0100	0.0200	10282919	EPA350.1		06/02/15
Field Ground Water Elevation	79.0	ft	1.00	-10.0	-10.0	10283017	FT1000		05/20/15
Field pH (units)	6.19	pH	1.00	0.0100	0.0200	10283018	FT1100	C006	05/20/15
Field Conductivity	297	umhos/cm	1.00	0.100	0.100	10283019	FT1200		05/20/15
Field Temp. (C)	24.8	oC	1.00	0.100	0.100	10283020	FT1400		05/20/15
Field DO	1.20	mg/L	1.00	0.100	0.100	10283021	FT1500		05/20/15



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Tampa, FL 33607

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: May 20, 2015
Jun 3, 2015; Invoice: 267047

Lab #: 267047GW4 Sampled: 05/20/15 04:58 PM Desc: MW-10R/22930

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Field Turbidity	19.7	NTU	1.00	0.100	0.100	10283022	FT1600		05/20/15
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10283142	EPA8011	096-18-4	05/28/15
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10283142	EPA8011	106-93-4	05/28/15
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10283142	EPA8011	96-12-8	05/28/15

Lab #: 267047GW5 Sampled: 05/20/15 04:14 PM Desc: MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.200 U	mg/L	1.00	0.200	0.400	10282139	EPA300.0	14797-55-8	05/21/15 11:30 AM
Chloride	4.13 l	mg/L	1.00	4.00	8.00	10282259	SM4500-Cl E	16887-00-6	05/23/15
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10282418	EPA6020	7440-36-0	05/26/15
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-38-2	05/26/15
Barium	0.00910	mg/L	1.00	0.00200	0.00400	10282418	EPA6020	7440-39-3	05/26/15
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10282418	EPA6020	7440-41-7	05/26/15
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-43-9	05/26/15
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-47-3	05/26/15
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-48-4	05/26/15
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-50-8	05/26/15
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7439-92-1	05/26/15
Nickel	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-02-0	05/26/15
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10282418	EPA6020	7782-49-2	05/26/15
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10282418	EPA6020	7440-22-4	05/26/15
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-28-0	05/26/15
Vanadium	0.00360	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-62-2	05/26/15
Zinc	0.0420	mg/L	1.00	0.0100	0.0200	10282418	EPA6020	7440-66-6	05/26/15
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10282425	EPA7470	7439-97-6	05/27/15
TDS	42.0	mg/L	1.00	2.50	5.00	10282483	SM2540 C	10-33-3	05/23/15
Iron	0.296	mg/L	1.00	0.0100	0.0200	10282521	EPA6010	7439-89-6	05/27/15
Sodium	4.79	mg/L	1.00	0.500	1.00	10282521	EPA6010	7440-23-5	05/27/15
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	630-20-6	05/27/15



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Tampa, FL 33607

PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: May 20, 2015
Jun 3, 2015; Invoice: 267047

Lab #: 267047GW5 Sampled: 05/20/15 04:14 PM Desc: MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	71-55-6	05/27/15
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10282647	EPA8260	79-34-5	05/27/15
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	79-00-5	05/27/15
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-34-3	05/27/15
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-35-4	05/27/15
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10282647	EPA8260	107-06-2	05/27/15
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10282647	EPA8260	78-87-5	05/27/15
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	78-93-3	05/27/15
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	591-78-6	05/27/15
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10282647	EPA8260	67-64-1	05/27/15
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10282647	EPA8260	107-13-1	05/27/15
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	71-43-2	05/27/15
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10282647	EPA8260	074-97-5	05/27/15
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10282647	EPA8260	75-27-4	05/27/15
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-25-2	05/27/15
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	74-83-9	05/27/15
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	75-15-0	05/27/15
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	56-23-5	05/27/15
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	108-90-7	05/27/15
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-00-3	05/27/15
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	67-66-3	05/27/15
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	74-87-3	05/27/15
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10282647	EPA8260	124-48-1	05/27/15
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	074-95-3	05/27/15
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	100-41-4	05/27/15
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	074-88-4	05/27/15
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	108-10-1	05/27/15
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	75-09-2	05/27/15
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	106-46-7	05/27/15



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

PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: May 20, 2015
Jun 3, 2015; Invoice: 267047

Lab #: 267047GW5 Sampled: 05/20/15 04:14 PM Desc: MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	100-42-5	05/27/15
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	127-18-4	05/27/15
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	108-88-3	05/27/15
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	79-01-6	05/27/15
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-69-4	05/27/15
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10282647	EPA8260	108-05-4	05/27/15
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-01-4	05/27/15
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	1330-20-7	05/27/15
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10282647	EPA8260	156-59-2	05/27/15
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	10061-01-5	05/27/15
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	95-50-1	05/27/15
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	156-60-5	05/27/15
trans-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	10061-02-6	05/27/15
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	110-57-6	05/27/15
Surr:1,2-Dichloroethane-d4 (50-170%)	106.33%		1.00	0.0100	0.0100	10282647	EPA8260	460-00-4	05/27/15
Surr:Bromofluorobenzene (50-170%)	102.00%		1.00	1.00	1.00	10282647	EPA8260	7664-41-7	05/27/15
Surr:Toluene-d8 (50-170%)	101.47%		1.00	0.0100	0.0100	10282647	EPA8260		05/27/15
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10282919	EPA350.1		06/02/15
Field Ground Water Elevation	78.8	ft	1.00	-10.0	-10.0	10283017	FT1000		05/20/15
Field pH (units)	5.23	pH	1.00	0.0100	0.0200	10283018	FT1100	C006	05/20/15
Field Conductivity	67.0	umhos/cm	1.00	0.100	0.100	10283019	FT1200		05/20/15
Field Temp. (C)	25.1	oC	1.00	0.100	0.100	10283020	FT1400		05/20/15
Field DO	0.846	mg/L	1.00	0.100	0.100	10283021	FT1500		05/20/15
Field Turbidity	10.0	NTU	1.00	0.100	0.100	10283022	FT1600		05/20/15
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10283142	EPA8011	096-18-4	05/28/15
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10283142	EPA8011	106-93-4	05/28/15
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10283142	EPA8011	96-12-8	05/28/15



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3980 Overseas Hwy, Suite 103, Marathon, FL 33050

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

PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: May 20, 2015
Jun 3, 2015; Invoice: 267047

Lab #: 267047GW6 Sampled: 05/20/15 03:39 PM Desc: MW-12R/22931

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.448	mg/L	1.00	0.200	0.400	10282139	EPA300.0	14797-55-8	05/21/15 11:30 AM
Chloride	6.96 I	mg/L	1.00	4.00	8.00	10282259	SM4500-CIE	16887-00-6	05/23/15
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10282418	EPA6020	7440-36-0	05/26/15
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-38-2	05/26/15
Barium	0.00200 U	mg/L	1.00	0.00200	0.00400	10282418	EPA6020	7440-39-3	05/26/15
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10282418	EPA6020	7440-41-7	05/26/15
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-43-9	05/26/15
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-47-3	05/26/15
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-48-4	05/26/15
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-50-8	05/26/15
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7439-92-1	05/26/15
Nickel	0.00120 I	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-02-0	05/26/15
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10282418	EPA6020	7782-49-2	05/26/15
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10282418	EPA6020	7440-22-4	05/26/15
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-28-0	05/26/15
Vanadium	0.0221	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-62-2	05/26/15
Zinc	0.0179 I	mg/L	1.00	0.0100	0.0200	10282418	EPA6020	7440-66-6	05/26/15
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10282425	EPA7470	7439-97-6	05/27/15
TDS	242	mg/L	1.00	2.50	5.00	10282483	SM2540 C	10-33-3	05/23/15
Iron	0.0100 U	mg/L	1.00	0.0100	0.0200	10282521	EPA6010	7439-89-6	05/27/15
Sodium	2.76	mg/L	1.00	0.500	1.00	10282521	EPA6010	7440-23-5	05/27/15
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	630-20-6	05/27/15
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	71-55-6	05/27/15
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10282647	EPA8260	79-34-5	05/27/15
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	79-00-5	05/27/15
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-34-3	05/27/15
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-35-4	05/27/15
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10282647	EPA8260	107-06-2	05/27/15
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10282647	EPA8260	78-87-5	05/27/15



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3980 Overseas Hwy, Suite 103, Marathon, FL 33050

Phone: 407-339-5984 E83018 (Main Lab)
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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: May 20, 2015
Jun 3, 2015; Invoice: 267047

Lab #: 267047GW6 Sampled: 05/20/15 03:39 PM Desc: MW-12R/22931

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	10282647	EPA8260	78-93-3	05/27/15
Acetone	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	591-78-6	05/27/15
Acrylonitrile	5.00 U	ug/L	1.00	5.00	10.0	10282647	EPA8260	67-64-1	05/27/15
Benzene	0.300 U	ug/L	1.00	0.300	0.600	10282647	EPA8260	107-13-1	05/27/15
Bromochloromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	71-43-2	05/27/15
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.100	10282647	EPA8260	074-97-5	05/27/15
Bromoform	0.100 U	ug/L	1.00	0.100	0.200	10282647	EPA8260	75-27-4	05/27/15
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-25-2	05/27/15
Carbon Disulfide	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	74-83-9	05/27/15
Carbon Tetrachloride	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	75-15-0	05/27/15
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	56-23-5	05/27/15
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	108-90-7	05/27/15
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-00-3	05/27/15
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	67-66-3	05/27/15
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10282647	EPA8260	74-87-3	05/27/15
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	124-48-1	05/27/15
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	074-95-3	05/27/15
Methyl iodide	1.00 U	ug/L	1.00	1.00	1.00	10282647	EPA8260	100-41-4	05/27/15
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	074-88-4	05/27/15
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	108-10-1	05/27/15
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-09-2	05/27/15
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	106-46-7	05/27/15
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	100-42-5	05/27/15
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	127-18-4	05/27/15
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	108-88-3	05/27/15
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	79-01-6	05/27/15
Vinyl Acetate	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-69-4	05/27/15
Vinyl chloride	10.0 U	ug/L	1.00	10.0	20.0	10282647	EPA8260	108-05-4	05/27/15
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-01-4	05/27/15



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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: May 20, 2015
Jun 3, 2015; Invoice: 267047

Lab #: 267047GW6 Sampled: 05/20/15 03:39 PM Desc: MW-12R/22931

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	1330-20-7	05/27/15
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10282647	EPA8260	156-59-2	05/27/15
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	10061-01-5	05/27/15
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	95-50-1	05/27/15
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	156-60-5	05/27/15
trans-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	10061-02-6	05/27/15
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	110-57-6	05/27/15
Surr:1,2-Dichloroethane-d4 (50-170%)	104.27%		1.00	0.0100	0.0100	10282647	EPA8260		05/27/15
Surr:Bromofluorobenzene (50-170%)	104.60%		1.00	1.00	1.00	10282647	EPA8260	460-00-4	05/27/15
Surr:Toluene-d8 (50-170%)	100.60%		1.00	0.0100	0.0100	10282647	EPA8260	7664-41-7	05/27/15
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10282919	EPA350.1		06/02/15
Field Ground Water Elevation	79.0	ft	1.00	-10.0	-10.0	10283017	FT1000		05/20/15
Field pH (units)	7.34	pH	1.00	0.0100	0.0200	10283018	FT1100		05/20/15
Field Conductivity	390	umhos/cm	1.00	0.100	0.100	10283019	FT1200	C006	05/20/15
Field Temp. (C)	25.6	oC	1.00	0.100	0.100	10283020	FT1400		05/20/15
Field DO	1.49	mg/L	1.00	0.100	0.100	10283021	FT1500		05/20/15
Field Turbidity	6.30	NTU	1.00	0.100	0.100	10283022	FT1600		05/20/15
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10283142	EPA8011	096-18-4	05/28/15
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10283142	EPA8011	106-93-4	05/28/15
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10283142	EPA8011	96-12-8	05/28/15

Lab #: 267047GW7 Sampled: 05/20/15 02:54 PM Desc: MW-13/29063

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.200 U	mg/L	1.00	0.200	0.400	10282139	EPA300.0	14797-55-8	05/21/15 11:30 AM
Chloride	7.88 I	mg/L	1.00	4.00	8.00	10282259	SM4500-Cl E	16887-00-6	05/23/15
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10282418	EPA6020	7440-36-0	05/26/15
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-38-2	05/26/15
Barium	0.00200 U	mg/L	1.00	0.00200	0.00400	10282418	EPA6020	7440-39-3	05/26/15
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10282418	EPA6020	7440-41-7	05/26/15



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PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: May 20, 2015
Jun 3, 2015; Invoice: 267047

Lab #: 267047GW7 Sampled: 05/20/15 02:54 PM Desc: MW-13/29063

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-43-9	05/26/15
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-47-3	05/26/15
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-48-4	05/26/15
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-50-8	05/26/15
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7439-92-1	05/26/15
Nickel	0.00190 I	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-02-0	05/26/15
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10282418	EPA6020	7782-49-2	05/26/15
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10282418	EPA6020	7440-22-4	05/26/15
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-28-0	05/26/15
Vanadium	0.00160 I	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-62-2	05/26/15
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10282418	EPA6020	7440-66-6	05/26/15
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10282426	EPA7470	7439-97-6	05/27/15
TDS	84.0	mg/L	1.00	2.50	5.00	10282483	SM2540 C	10-33-3	05/23/15
Iron	1.13	mg/L	1.00	0.0100	0.0200	10282521	EPA6010	7439-89-6	05/27/15
Sodium	8.10	mg/L	1.00	0.500	1.00	10282521	EPA6010	7440-23-5	05/27/15
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	630-20-6	05/27/15
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	71-55-6	05/27/15
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10282647	EPA8260	79-34-5	05/27/15
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	79-00-5	05/27/15
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-34-3	05/27/15
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-35-4	05/27/15
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10282647	EPA8260	107-06-2	05/27/15
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10282647	EPA8260	78-87-5	05/27/15
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	78-93-3	05/27/15
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	591-78-6	05/27/15
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10282647	EPA8260	67-64-1	05/27/15
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10282647	EPA8260	107-13-1	05/27/15
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	71-43-2	05/27/15
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10282647	EPA8260	074-97-5	05/27/15



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Atkins-Tampa

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

PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: May 20, 2015
Jun 3, 2015; Invoice: 267047

Lab #: 267047GW7 Sampled: 05/20/15 02:54 PM Desc: MW-13/29063

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10282647	EPA8260	75-27-4	05/27/15
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-25-2	05/27/15
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	74-83-9	05/27/15
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	75-15-0	05/27/15
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	56-23-5	05/27/15
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	108-90-7	05/27/15
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-00-3	05/27/15
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	67-66-3	05/27/15
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	74-87-3	05/27/15
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10282647	EPA8260	124-48-1	05/27/15
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	074-95-3	05/27/15
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	100-41-4	05/27/15
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	074-88-4	05/27/15
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	108-10-1	05/27/15
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	75-09-2	05/27/15
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	106-46-7	05/27/15
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	100-42-5	05/27/15
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	127-18-4	05/27/15
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	108-88-3	05/27/15
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	79-01-6	05/27/15
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-69-4	05/27/15
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10282647	EPA8260	108-05-4	05/27/15
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-01-4	05/27/15
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	1330-20-7	05/27/15
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10282647	EPA8260	156-59-2	05/27/15
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	10061-01-5	05/27/15
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	95-50-1	05/27/15
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	156-60-5	05/27/15
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	10061-02-6	05/27/15



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Tampa, FL 33607

PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: May 20, 2015

Jun 3, 2015; Invoice: 267047

Lab #: 267047GW7 Sampled: 05/20/15 02:54 PM Desc: MW-13/29063

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	10282647	EPA8260	110-57-6	05/27/15
Surr:1,2-Dichloroethane-d4 (50-170%)	102.60%		1.00	0.0100	0.0100	10282647	EPA8260		05/27/15
Surr:Bromofluorobenzene (50-170%)	104.60%		1.00	1.00	1.00	10282647	EPA8260	460-00-4	05/27/15
Surr:Toluene-d8 (50-170%)	99.10%		1.00	0.0100	0.0100	10282647	EPA8260		05/27/15
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10282919	EPA350.1	7664-41-7	06/02/15
Field Ground Water Elevation	78.6	ft	1.00	-10.0	-10.0	10283017	FT1000		05/20/15
Field pH (units)	5.41	pH	1.00	0.0100	0.0200	10283018	FT1100	C006	05/20/15
Field Conductivity	135	umhos/cm	1.00	0.100	0.100	10283019	FT1200		05/20/15
Field Temp. (C)	25.1	oC	1.00	0.100	0.100	10283020	FT1400		05/20/15
Field DO	1.22	mg/L	1.00	0.100	0.100	10283021	FT1500		05/20/15
Field Turbidity	8.45	NTU	1.00	0.100	0.100	10283022	FT1600		05/20/15
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10283142	EPA8011	096-18-4	05/28/15
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10283142	EPA8011	106-93-4	05/28/15
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10283142	EPA8011	96-12-8	05/28/15

Lab #: 267047GW8 Sampled: 05/20/15 02:23 PM Desc: MW-14/29064

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.347 I	mg/L	1.00	0.200	0.400	10282139	EPA300.0	14797-55-8	05/21/15 11:30 AM
Chloride	38.5	mg/L	1.00	4.00	8.00	10282260	SM4500-Cl E	16887-00-6	05/23/15
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10282418	EPA6020	7440-36-0	05/26/15
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-38-2	05/26/15
Barium	0.0197	mg/L	1.00	0.00200	0.00400	10282418	EPA6020	7440-39-3	05/26/15
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10282418	EPA6020	7440-41-7	05/26/15
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-43-9	05/26/15
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-47-3	05/26/15
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-48-4	05/26/15
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-50-8	05/26/15
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7439-92-1	05/26/15
Nickel	0.00190 I	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-02-0	05/26/15



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Tampa, FL 33607

PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: May 20, 2015
Jun 3, 2015; Invoice: 267047

Lab #: 267047GW8 Sampled: 05/20/15 02:23 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	10282418	EPA6020	7782-49-2	05/26/15
Silver	0.00500 U	mg/L	1.00	0.00500	0.01000	10282418	EPA6020	7440-22-4	05/26/15
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-28-0	05/26/15
Vanadium	0.00320	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-62-2	05/26/15
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10282418	EPA6020	7440-66-6	05/26/15
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10282426	EPA7470	7439-97-6	05/27/15
TDS	240	mg/L	1.00	2.50	5.00	10282483	SM2540 C	10-33-3	05/23/15
Iron	2.43	mg/L	1.00	0.0100	0.0200	10282521	EPA6010	7439-89-6	05/27/15
Sodium	15.0	mg/L	1.00	0.500	1.00	10282521	EPA6010	7440-23-5	05/27/15
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	630-20-6	05/27/15
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	71-55-6	05/27/15
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10282647	EPA8260	79-34-5	05/27/15
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	79-00-5	05/27/15
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-34-3	05/27/15
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-35-4	05/27/15
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10282647	EPA8260	107-06-2	05/27/15
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10282647	EPA8260	78-87-5	05/27/15
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	78-93-3	05/27/15
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	591-78-6	05/27/15
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10282647	EPA8260	67-64-1	05/27/15
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10282647	EPA8260	107-13-1	05/27/15
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	71-43-2	05/27/15
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10282647	EPA8260	074-97-5	05/27/15
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10282647	EPA8260	75-27-4	05/27/15
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-25-2	05/27/15
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	74-83-9	05/27/15
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	75-15-0	05/27/15
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	56-23-5	05/27/15
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	108-90-7	05/27/15



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Lab #: 267047GW8 Sampled: 05/20/15 02:23 PM Desc: MW-14/29064

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-00-3	05/27/15
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	67-66-3	05/27/15
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	74-87-3	05/27/15
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10282647	EPA8260	124-48-1	05/27/15
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	074-95-3	05/27/15
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	100-41-4	05/27/15
Methyl iodide	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	074-88-4	05/27/15
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	108-10-1	05/27/15
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	75-09-2	05/27/15
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	106-46-7	05/27/15
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	100-42-5	05/27/15
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	127-18-4	05/27/15
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	108-88-3	05/27/15
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	79-01-6	05/27/15
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-69-4	05/27/15
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10282647	EPA8260	108-05-4	05/27/15
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-01-4	05/27/15
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	1330-20-7	05/27/15
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10282647	EPA8260	156-59-2	05/27/15
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	10061-01-5	05/27/15
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	95-50-1	05/27/15
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	156-60-5	05/27/15
trans-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	10061-02-6	05/27/15
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	110-57-6	05/27/15
Surr:1,2-Dichloroethane-d4 (50-170%)	104.33%		1.00	0.0100	0.0100	10282647	EPA8260		05/27/15
Surr:Bromofluorobenzene (50-170%)	105.83%		1.00	1.00	1.00	10282647	EPA8260	460-00-4	05/27/15
Surr:Toluene-d8 (50-170%)	100.67%		1.00	0.0100	0.0100	10282647	EPA8260		05/27/15
Ammonia (as N)	0.0733	mg/L	1.00	0.0100	0.0200	10282919	EPA350.1	7664-41-7	06/02/15
Field Ground Water Elevation	79.2	ft	1.00	-10.0	-10.0	10283017	FT1000		05/20/15



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PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: May 20, 2015
Jun 3, 2015; Invoice: 267047

Lab #: 267047GW8 Sampled: 05/20/15 02:23 PM Desc: MW-14/29064

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Field pH (units)	6.03	pH	1.00	0.0100	0.0200	10283018	FT1100	C006	05/20/15
Field Conductivity	332	umhos/cm	1.00	0.100	0.100	10283019	FT1200		05/20/15
Field Temp. (C)	25.6	oC	1.00	0.100	0.100	10283020	FT1400		05/20/15
Field DO	1.52	mg/L	1.00	0.100	0.100	10283021	FT1500		05/20/15
Field Turbidity	8.70	NTU	1.00	0.100	0.100	10283022	FT1600		05/20/15
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10283142	EPA8011	096-18-4	05/28/15
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10283142	EPA8011	106-93-4	05/28/15
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10283142	EPA8011	96-12-8	05/28/15

Lab #: 267047GW9 Sampled: 05/20/15 12:00 AM Desc: Trip Blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	630-20-6	05/27/15
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	71-55-6	05/27/15
1,1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10282647	EPA8260	79-34-5	05/27/15
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	79-00-5	05/27/15
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-34-3	05/27/15
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-35-4	05/27/15
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10282647	EPA8260	107-06-2	05/27/15
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10282647	EPA8260	78-87-5	05/27/15
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	78-93-3	05/27/15
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	591-78-6	05/27/15
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10282647	EPA8260	67-64-1	05/27/15
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10282647	EPA8260	107-13-1	05/27/15
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	71-43-2	05/27/15
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10282647	EPA8260	074-97-5	05/27/15
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10282647	EPA8260	75-27-4	05/27/15
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-25-2	05/27/15
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	74-83-9	05/27/15
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	75-15-0	05/27/15



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PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: May 20, 2015
Jun 3, 2015; Invoice: 267047

Lab #: 267047GW9 Sampled: 05/20/15 12:00 AM Desc: Trip Blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	56-23-5	05/27/15
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	108-90-7	05/27/15
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-00-3	05/27/15
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	67-66-3	05/27/15
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	74-87-3	05/27/15
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10282647	EPA8260	124-48-1	05/27/15
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	074-95-3	05/27/15
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	100-41-4	05/27/15
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	074-88-4	05/27/15
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	108-10-1	05/27/15
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	75-09-2	05/27/15
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	106-46-7	05/27/15
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	100-42-5	05/27/15
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	127-18-4	05/27/15
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	108-88-3	05/27/15
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	79-01-6	05/27/15
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-69-4	05/27/15
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10282647	EPA8260	108-05-4	05/27/15
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-01-4	05/27/15
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	1330-20-7	05/27/15
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10282647	EPA8260	156-59-2	05/27/15
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	10061-01-5	05/27/15
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	95-50-1	05/27/15
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	156-60-5	05/27/15
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	10061-02-6	05/27/15
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	110-57-6	05/27/15
Surr:1,2-Dichloroethane-d4 (50-170%)	107.30%		1.00	0.0100	0.0100	10282647	EPA8260		05/27/15
Surr:Bromofluorobenzene (50-170%)	102.90%		1.00	1.00	1.00	10282647	EPA8260		05/27/15
Surr:Toluene-d8 (50-170%)	102.17%		1.00	0.0100	0.0100	10282647	EPA8260	460-00-4	05/27/15



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Quality Report

Quality Control Batch: 10282139		Analyst: YGS	
Blank	Result	Units	
Nitrate(as N)	0.200U	mg/L	
Laboratory Control Sample		Units	
Nitrate(as N)	0.910	mg/L	
Matrix Spike		Units	
Nitrate(as N)	2.05	mg/L	
Matrix Spike Duplicate		Units	
Nitrate(as N)	2.01	mg/L	
		Spike	%REC
		2.00	100.71
		%REC Lim	RPD
		85.00-115.00	1.74
		Sample	RPD Lim
		0.200U	20.00
Quality Control Batch: 10282149		Analyst: YGS	
Blank	Result	Units	
Nitrate(as N)	0.200U	mg/L	
Laboratory Control Sample		Units	
Nitrate(as N)	0.910	mg/L	
Matrix Spike		Units	
Nitrate(as N)	2.02	mg/L	
Matrix Spike Duplicate		Units	
Nitrate(as N)	1.98	mg/L	
		Spike	%REC
		2.00	101.10
		%REC Lim	Sample
		85.00-115.00	0.200U
		%REC Lim	RPD
		85.00-115.00	2.00
		Sample	RPD Lim
		0.200U	20.00
Quality Control Batch: 10282259		Analyst: VLB	
Blank	Result	Units	
Chloride	4.00U	mg/L	



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Quality Control Batch: 10282259		Analyst: VLB	
Laboratory Control Sample Chloride	Result	Units	Spike
	82.2	mg/L	80.0
Matrix Spike Chloride	Result	Units	Spike
	123	mg/L	50.0
Matrix Spike Duplicate Chloride	Result	Units	Spike
	121	mg/L	50.0
Quality Control Batch: 10282260		Analyst: VLB	
Blank Chloride	Result	Units	
	4.00U	mg/L	
Laboratory Control Sample Chloride	Result	Units	Spike
	81.0	mg/L	80.0
Matrix Spike Chloride	Result	Units	Spike
	51.5	mg/L	50.0
Matrix Spike Duplicate Chloride	Result	Units	Spike
	50.1	mg/L	50.0
Quality Control Batch: 10282418		Analyst: EVB	
Blank Arsenic	Result	Units	
	0.00100U	mg/L	
Barium Cadmium	Result	Units	
	0.00200U	mg/L	
Chromium Copper	Result	Units	
	0.00100U	mg/L	
Lead	Result	Units	
	0.00100U	mg/L	
		%REC	%REC Lim
		102.71	85.00-115.00
		98.04	85.00-115.00
		93.28	85.00-115.00
		101.25	85.00-115.00
		97.96	85.00-115.00
		95.02	85.00-115.00
		RPD	RPD Lim
		1.95	20.00
		74.3	20.00
		2.56	20.00
		2.56	20.00



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Quality Control Batch: 10282418

Analyst: EVB

Blank	Result	Units
Selenium	0.00200U	mg/L
Silver	0.000500U	mg/L
Zinc	0.0100U	mg/L

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Arsenic	0.102	mg/L	0.100	101.50	80.00-120.00
Barium	0.0917	mg/L	0.100	91.70	80.00-120.00
Cadmium	0.0933	mg/L	0.100	93.30	80.00-120.00
Chromium	0.0908	mg/L	0.100	90.80	80.00-120.00
Copper	0.0961	mg/L	0.100	96.10	80.00-120.00
Lead	0.111	mg/L	0.100	110.80	80.00-120.00
Selenium	0.0951	mg/L	0.100	95.10	80.00-120.00
Silver	0.0956	mg/L	0.100	95.60	80.00-120.00
Zinc	0.105	mg/L	0.100	105.10	80.00-120.00

Matrix Spike

	Result	Units	Spike	%REC	%REC Lim	Sample
Arsenic	0.0818	mg/L	0.100	81.80	75.00-125.00	0.00100U
Barium	0.0935	mg/L	0.100	82.90	75.00-125.00	0.0106
Cadmium	0.0930	mg/L	0.100	93.00	75.00-125.00	0.00100U
Chromium	0.0969	mg/L	0.100	96.90	75.00-125.00	0.00100U
Copper	0.0903	mg/L	0.100	90.30	75.00-125.00	0.00100U
Lead	0.102	mg/L	0.100	102.20	75.00-125.00	0.00100U
Selenium	0.0766	mg/L	0.100	76.60	75.00-125.00	0.00200U
Silver	0.0860	mg/L	0.100	86.00	75.00-125.00	0.000500U
Zinc	0.117	mg/L	0.100	93.80	75.00-125.00	0.0234

Matrix Spike Duplicate

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Arsenic	0.0818	mg/L	0.100	81.80	75.00-125.00	0.00100U	0.00	20.00
Barium	0.0932	mg/L	0.100	82.60	75.00-125.00	0.0106	0.32	20.00



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Quality Control Batch: 10282418		Analyst: EVB					
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	RPD Lim
Cadmium		0.0932	mg/L	0.100	93.20	75.00-125.00	0.21
Chromium		0.0957	mg/L	0.100	95.70	75.00-125.00	1.25
Copper		0.0913	mg/L	0.100	91.30	75.00-125.00	1.10
Lead		0.102	mg/L	0.100	102.40	75.00-125.00	0.20
Selenium		0.0773	mg/L	0.100	77.30	75.00-125.00	0.91
Silver		0.0866	mg/L	0.100	86.60	75.00-125.00	0.70
Zinc		0.120	mg/L	0.100	96.60	75.00-125.00	2.36

Quality Control Batch: 10282425		Analyst: EVB					
Blank		Result	Units				
Mercury		0.0000200U	mg/L				
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim	RPD Lim
Mercury		0.000990	mg/L	0.00100	98.95	80.00-120.00	
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	RPD Lim
Mercury		0.00323	mg/L	0.00300	108.08	80.00-120.00	
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	RPD Lim
Mercury		0.00349	mg/L	0.00300	117.01	80.00-120.00	

Quality Control Batch: 10282426		Analyst: EVB					
Blank		Result	Units				
Mercury		0.0000200U	mg/L				
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim	RPD Lim
Mercury		0.000990	mg/L	0.00100	98.95	80.00-120.00	



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Quality Control Batch: 10282483

Analyst: PLB

Blank	Result	Units
TDS	2.50U	mg/L

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
1560	mg/L	1500	104.13	50.00-150.00

Quality Control Batch: 10282521

Analyst: EVB

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

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
5.25	mg/L	5.00	104.90	80.00-120.00
5.08	mg/L	5.00	101.52	80.00-120.00

Matrix Spike

Result	Units	Spike	%REC	%REC Lim	Sample
5.54	mg/L	5.00	107.19	75.00-125.00	0.177
55.0	mg/L	5.00	88.23	75.00-125.00	50.5

Matrix Spike Duplicate

Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
4.89	mg/L	5.00	94.20	75.00-125.00	0.177	12.46	20.00
51.4	mg/L	5.00	17.46	75.00-125.00	50.5	6.65	20.00

Quality Control Batch: 10282647

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



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3980 Overseas Hwy, Suite 103, Marathon, FL 33050

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

PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: May 20, 2015
Jun 3, 2015; Invoice: 267047

Quality Control Batch: 10282647

Analyst: CTH

Blank	Result	Units
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
Trichloroethene	0.500U	ug/L
Trichlorofluoromethane	0.500U	ug/L
Vinyl Acetate	10.0U	ug/L
Vinyl chloride	0.500U	ug/L



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Blank	Result	Units
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
1,1-Dichloroethene	0.500U	ug/L
1,2-dichloroethane	0.500U	ug/L
1,2-dichloropropane	0.200U	ug/L
2-Butanone (MEK)	0.500U	ug/L
2-Hexanone	0.500U	ug/L
Surr:Bromofluorobenzene	31.1	ug/L
Surr:Toluene-d8	30.0	ug/L
Surr:1,2-Dichloroethane-d4	30.2	ug/L

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Acetone	51.1	ug/L	40.0	127.78	50.00-170.00
Acrylonitrile	53.1	ug/L	40.0	132.68	50.00-170.00
Benzene	51.5	ug/L	40.0	128.70	50.00-170.00
Bromochloromethane	51.2	ug/L	40.0	128.10	50.00-170.00
Bromodichloromethane	50.9	ug/L	40.0	127.28	50.00-170.00
Bromoform	49.9	ug/L	40.0	124.78	50.00-170.00
Bromomethane	49.8	ug/L	40.0	124.40	50.00-170.00
Carbon Disulfide	52.1	ug/L	40.0	130.27	50.00-170.00
Carbon Tetrachloride	57.5	ug/L	40.0	143.82	50.00-170.00
Chlorobenzene	48.5	ug/L	40.0	121.18	50.00-170.00
Chloroethane	49.8	ug/L	40.0	124.40	50.00-170.00
Chloroform	51.4	ug/L	40.0	128.52	50.00-170.00
Chloromethane	52.7	ug/L	40.0	131.85	50.00-170.00



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Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
cis-1,2-dichloroethene	55.3	ug/L	40.0	138.35	50.00-170.00
cis-1,3-Dichloropropene	50.4	ug/L	40.0	125.88	50.00-170.00
Dibromochloromethane	49.0	ug/L	40.0	122.57	50.00-170.00
Dibromomethane	50.0	ug/L	40.0	124.93	50.00-170.00
Ethylbenzene	51.5	ug/L	40.0	128.80	50.00-170.00
Methyl Iodide	48.8	ug/L	40.0	122.08	50.00-170.00
Methyl isobutyl ketone	49.2	ug/L	40.0	123.05	50.00-170.00
Methylene chloride	51.4	ug/L	40.0	128.50	50.00-170.00
o-dichlorobenzene	46.5	ug/L	40.0	116.35	50.00-170.00
Para-dichlorobenzene	45.1	ug/L	40.0	112.78	50.00-170.00
Styrene	51.0	ug/L	40.0	127.38	50.00-170.00
Tetrachloroethene	51.8	ug/L	40.0	129.50	50.00-170.00
Toluene	50.6	ug/L	40.0	126.47	50.00-170.00
trans-1,2-dichloroethene	53.4	ug/L	40.0	133.55	50.00-170.00
trans-1,3-Dichloropropene	50.1	ug/L	40.0	125.22	50.00-170.00
Trichloroethene	52.7	ug/L	40.0	131.77	50.00-170.00
Trichlorofluoromethane	55.9	ug/L	40.0	139.62	50.00-170.00
Vinyl chloride	52.1	ug/L	40.0	130.33	50.00-170.00
Xylenes	152	ug/L	120	126.89	50.00-170.00
1,1,1,2-Tetrachloroethane	51.6	ug/L	40.0	128.97	50.00-170.00
1,1,1-Trichloroethane	54.1	ug/L	40.0	135.25	50.00-170.00
1,1,2,2-Tetrachloroethane	49.4	ug/L	40.0	123.53	50.00-170.00
1,1,2-Trichloroethane	46.9	ug/L	40.0	117.17	50.00-170.00
1,1-Dichloroethane	53.0	ug/L	40.0	132.43	50.00-170.00
1,1-Dichloroethene	55.8	ug/L	40.0	139.58	50.00-170.00
1,2-dichloroethane	53.4	ug/L	40.0	133.45	50.00-170.00
1,2-dichloropropane	53.3	ug/L	40.0	133.35	50.00-170.00
2-Butanone (MEK)	38.2	ug/L	40.0	95.57	50.00-170.00
2-Hexanone	48.0	ug/L	40.0	119.92	50.00-170.00



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Analyst: CTH

Laboratory Control Sample

Surr: Bromofluorobenzene

Surr: Toluene-d8

Surr: 1,2-Dichloroethane-d4

Result	Units	Spike	%REC	%REC Lim
29.1	ug/L	30.0	96.87	50.00-170.00
30.7	ug/L	30.0	102.47	50.00-170.00
30.8	ug/L	30.0	102.73	50.00-170.00

Matrix Spike

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
Acetone	29.7	ug/L	20.0	148.40	50.00-170.00	5.00U
Acrylonitrile	29.3	ug/L	20.0	146.25	50.00-170.00	0.300U
Benzene	26.6	ug/L	20.0	132.80	50.00-170.00	0.500U
Bromochloromethane	25.0	ug/L	20.0	125.15	50.00-170.00	0.100U
Bromodichloromethane	26.3	ug/L	20.0	131.60	50.00-170.00	0.100U
Bromoform	24.4	ug/L	20.0	122.10	50.00-170.00	0.500U
Bromomethane	31.2	ug/L	20.0	155.80	50.00-170.00	0.500U
Carbon Tetrachloride	29.5	ug/L	20.0	147.45	50.00-170.00	0.500U
Chlorobenzene	24.5	ug/L	20.0	122.30	50.00-170.00	0.500U
Chloroethane	27.1	ug/L	20.0	135.25	50.00-170.00	0.500U
Chloroform	25.9	ug/L	20.0	129.55	50.00-170.00	0.500U
Chloromethane	31.9	ug/L	20.0	159.50	50.00-170.00	0.500U
cis-1,2-dichloroethene	28.3	ug/L	20.0	141.35	50.00-170.00	0.200U
cis-1,3-Dichloropropene	25.0	ug/L	20.0	124.90	50.00-170.00	0.500U
Dibromochloromethane	25.5	ug/L	20.0	127.45	50.00-170.00	0.400U
Dibromomethane	25.1	ug/L	20.0	125.30	50.00-170.00	0.500U
Ethylbenzene	25.7	ug/L	20.0	128.60	50.00-170.00	0.500U
Methyl iodide	22.4	ug/L	20.0	112.10	50.00-170.00	1.00U
Methyl isobutyl ketone	27.6	ug/L	20.0	137.80	50.00-170.00	1.00U
Methylene chloride	22.2	ug/L	20.0	111.05	50.00-170.00	1.00U
o-dichlorobenzene	23.4	ug/L	20.0	116.75	50.00-170.00	0.500U
Para-dichlorobenzene	22.9	ug/L	20.0	114.35	50.00-170.00	0.500U
Styrene	24.7	ug/L	20.0	123.30	50.00-170.00	0.500U
Tetrachloroethene	25.3	ug/L	20.0	126.40	50.00-170.00	0.500U



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Quality Control Batch: 10282647 Analyst: CTH

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Toluene	26.3	ug/L	20.0	131.65	50.00-170.00	0.500U	10.23	30.00
trans-1,2-dichloroethene	28.4	ug/L	20.0	141.95	50.00-170.00	0.500U	1.55	30.00
trans-1,3-Dichloropropene	25.1	ug/L	20.0	125.30	50.00-170.00	0.500U	8.40	30.00
Trichloroethene	26.6	ug/L	20.0	133.15	50.00-170.00	0.500U	7.13	30.00
Trichlorofluoromethane	29.3	ug/L	20.0	146.40	50.00-170.00	0.500U	6.61	30.00
Vinyl chloride	29.1	ug/L	20.0	145.40	50.00-170.00	0.500U	6.61	30.00
Xylenes	75.3	ug/L	60.0	125.45	50.00-170.00	1.00U	7.92	30.00
1,1,1,2-Tetrachloroethane	25.5	ug/L	20.0	127.40	50.00-170.00	0.500U		
1,1,1-Trichloroethane	26.6	ug/L	20.0	132.80	50.00-170.00	0.500U		
1,1,2,2-Tetrachloroethane	25.5	ug/L	20.0	127.70	50.00-170.00	0.100U		
1,1,2-Trichloroethane	23.8	ug/L	20.0	118.95	50.00-170.00	0.500U		
1,1-Dichloroethane	26.7	ug/L	20.0	133.30	50.00-170.00	0.500U		
1,1-Dichloroethene	30.0	ug/L	20.0	150.20	50.00-170.00	0.500U		
1,2-dichloroethane	26.8	ug/L	20.0	133.75	50.00-170.00	0.500U		
1,2-dichloropropane	27.2	ug/L	20.0	135.85	50.00-170.00	0.200U		
2-Butanone (MEK)	23.2	ug/L	20.0	115.90	50.00-170.00	0.500U		
2-Hexanone	27.0	ug/L	20.0	134.85	50.00-170.00	0.500U		
Surr:Bromofluorobenzene	30.4	ug/L	30.0	101.43	50.00-170.00			
Surr:Toluene-d8	30.2	ug/L	30.0	100.67	50.00-170.00			
Surr:1,2-Dichloroethane-d4	31.2	ug/L	30.0	104.03	50.00-170.00			
Matrix Spike Duplicate								
Acetone	32.9	ug/L	20.0	164.40	50.00-170.00	5.00U	10.23	30.00
Acrylonitrile	28.8	ug/L	20.0	144.00	50.00-170.00	0.300U	1.55	30.00
Benzene	28.9	ug/L	20.0	144.45	50.00-170.00	0.500U	8.40	30.00
Bromochloromethane	26.9	ug/L	20.0	134.40	50.00-170.00	0.100U	7.13	30.00
Bromodichloromethane	28.1	ug/L	20.0	140.60	50.00-170.00	0.100U	6.61	30.00
Bromoform	26.1	ug/L	20.0	130.45	50.00-170.00	0.500U	6.61	30.00
Bromomethane	33.7	ug/L	20.0	168.65	50.00-170.00	0.500U	7.92	30.00



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Analyst: CTH

Matrix Spike Duplicate

Matrix	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Carbon Tetrachloride	31.8	ug/L	20.0	159.10	50.00-170.00	0.500U	7.60	30.00
Chlorobenzene	27.2	ug/L	20.0	136.15	50.00-170.00	0.500U	10.72	30.00
Chloroethane	28.8	ug/L	20.0	143.75	50.00-170.00	0.500U	6.09	30.00
Chloroform	28.4	ug/L	20.0	141.90	50.00-170.00	0.500U	9.10	30.00
Chloromethane	34.6	ug/L	20.0	172.95	50.00-170.00	0.500U	8.09	30.00
cis-1,2-dichloroethene	30.4	ug/L	20.0	151.90	50.00-170.00	0.200U	7.20	30.00
cis-1,3-Dichloropropene	27.4	ug/L	20.0	137.05	50.00-170.00	0.500U	9.28	30.00
Dibromochloromethane	27.7	ug/L	20.0	138.60	50.00-170.00	0.400U	8.38	30.00
Dibromomethane	27.1	ug/L	20.0	135.65	50.00-170.00	0.500U	7.93	30.00
Ethylbenzene	28.5	ug/L	20.0	142.30	50.00-170.00	0.500U	10.11	30.00
Methyl iodide	27.4	ug/L	20.0	136.75	50.00-170.00	1.00U	19.81	30.00
Methyl isobutyl ketone	29.3	ug/L	20.0	146.35	50.00-170.00	1.00U	6.02	30.00
Methylene chloride	23.5	ug/L	20.0	117.55	50.00-170.00	1.00U	5.69	30.00
o-dichlorobenzene	25.5	ug/L	20.0	127.40	50.00-170.00	0.500U	8.72	30.00
Para-dichlorobenzene	24.2	ug/L	20.0	121.00	50.00-170.00	0.500U	5.65	30.00
Styrene	27.2	ug/L	20.0	136.00	50.00-170.00	0.500U	9.80	30.00
Tetrachloroethene	27.3	ug/L	20.0	136.30	50.00-170.00	0.500U	7.54	30.00
Toluene	29.0	ug/L	20.0	145.00	50.00-170.00	0.500U	9.65	30.00
trans-1,2-dichloroethene	31.0	ug/L	20.0	154.75	50.00-170.00	0.500U	8.63	30.00
trans-1,3-Dichloropropene	27.9	ug/L	20.0	139.65	50.00-170.00	0.500U	10.83	30.00
Trichloroethene	28.9	ug/L	20.0	144.70	50.00-170.00	0.500U	8.31	30.00
Trichlorofluoromethane	31.6	ug/L	20.0	157.90	50.00-170.00	0.500U	7.56	30.00
Vinyl chloride	31.0	ug/L	20.0	155.05	50.00-170.00	0.500U	6.42	30.00
Xylenes	82.6	ug/L	60.0	137.72	50.00-170.00	1.00U	9.32	30.00
1,1,1,2-Tetrachloroethane	28.1	ug/L	20.0	140.25	50.00-170.00	0.500U	9.60	30.00
1,1,1-Trichloroethane	29.2	ug/L	20.0	146.00	50.00-170.00	0.500U	9.47	30.00
1,1,2,2-Tetrachloroethane	27.2	ug/L	20.0	136.20	50.00-170.00	0.100U	6.44	30.00
1,1,2-Trichloroethane	26.1	ug/L	20.0	130.70	50.00-170.00	0.500U	9.41	30.00
1,1-Dichloroethane	28.7	ug/L	20.0	143.25	50.00-170.00	0.500U	7.20	30.00



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Quality Control Batch: 10282647		Analyst: CTH					
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD Lim
1,1-Dichloroethene	32.4	ug/L	20.0	162.15	50.00-170.00	0.500U	30.00
1,2-dichloroethane	28.6	ug/L	20.0	143.10	50.00-170.00	0.500U	30.00
1,2-dichloropropane	29.2	ug/L	20.0	145.95	50.00-170.00	0.200U	30.00
2-Butanone (MEK)	22.3	ug/L	20.0	111.40	50.00-170.00	0.500U	30.00
2-Hexanone	27.9	ug/L	20.0	139.60	50.00-170.00	0.500U	30.00
Surr:Bromofluorobenzene	30.5	ug/L	30.0	101.50	50.00-170.00		30.00
Surr:Toluene-d8	30.0	ug/L	30.0	100.10	50.00-170.00		30.00
Surr:1,2-Dichloroethane-d4	30.2	ug/L	30.0	100.50	50.00-170.00		30.00

Quality Control Batch: 10282918			Analyst: PCW		
Blank			Result	Units	
Ammonia (as N)			0.0100U	mg/L	
Laboratory Control Sample			Result	Units	
Ammonia (as N)			0.541	mg/L	
				Spike	%REC
				0.500	108.20
					%REC Lim
					85.00-115.00
Matrix Spike			Result	Units	
Ammonia (as N)			0.596	mg/L	
				Spike	%REC
				0.780	76.41
					%REC Lim
					85.00-115.00
Matrix Spike Duplicate			Result	Units	
Ammonia (as N)			0.601	mg/L	
				Spike	%REC
				0.780	77.05
					%REC Lim
					85.00-115.00
				Sample	RPD
				0.0100U	0.84
					RPD Lim
					20.00

Quality Control Batch: 10282919		Analyst: PCW	
Blank	Result	Units	
Ammonia (as N)	0.0100U	mg/L	
Laboratory Control Sample	Result	Units	Spike
Ammonia (as N)	0.532	mg/L	0.500
			%REC
			106.40
			%REC Lim
			85.00-115.00



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3980 Overseas Hwy, Suite 103, Marathon, FL 33050

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PO #: 40612

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Date Sampled: May 20, 2015

Jun 3, 2015; Invoice: 267047

Matrix Spike Ammonia (as N)	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
	0.739	mg/L	0.780	95.34	85.00-115.00	-0.00463	1.64	20.00
Matrix Spike Duplicate Ammonia (as N)	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
	0.727	mg/L	0.780	93.80	85.00-115.00	-0.00463	1.64	20.00

Quality Control Batch: 10283142

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	0.413	ug/L
1,2-Dibromoethane (EDB)	0.338	ug/L
1,2-dibromo-3-chloropropane	0.349	ug/L
Matrix Spike		
1,2,3-Trichloropropane	0.178	ug/L
1,2-Dibromoethane (EDB)	0.235	ug/L
1,2-dibromo-3-chloropropane	0.280	ug/L
Matrix Spike Duplicate		
1,2,3-Trichloropropane	0.188	ug/L
1,2-Dibromoethane (EDB)	0.260	ug/L



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Quality Control Batch: 10283142

Matrix Spike Duplicate

1,2-dibromo-3-chloropropane

Analyst: DLJ

Result
0.292

Units
ug/L

Spike
0.250

%REC
116.68

%REC Lim
50.00-170.00

Sample
0.0200U

RPD
4.09

RPD Lim
30.00



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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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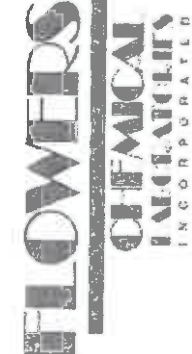
481 Newburyport Ave.
Altamonte Springs, FL 32701
Bus: 407-339-5984
Fax: 407-260-6110

☐ Flowers Chemical Labs-South

West Park Industrial Plaza
571 N.W. Mercantile Pl., Ste. 111
Port St. Lucie, FL 34986
Bus: 772-343-8006
Fax: 772-343-8089

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

Phone FCL Project Manager E-MAIL

Sampled By (PRINT): RAY CASTRO Requested Date 10 Day Standard OR Rush Charges May Apply
Sampler Signature Raymond Castro Pick-Up Fee \$ Vehicle Surcharge \$ Sampling Fee \$

ITEM NO.	SAMPLE ID	DATE	TIME	MATRIX	(LAB USE ONLY) LAB NO.	PRESERVATIVES				ANALYSES REQUEST	COMMENTS	Total # Containers
						GW - ground water	DW - drinking water	WW - wastewater	SW - surface water			
1	MW-1	5/20/15	12:42	GW	267047	GW1						
2	MW-2	5/20/15	10:56		267047	GW2						
3	MW-4	5/20/15	11:37			GW3						
4	MW-10R	5/20/15	10:55			GW4						
5	MW-11	5/20/15	16:14			GW5						
6	MW-12R	5/20/15	15:34			GW6						
7	MW-13	5/20/15	14:54			GW7						
8	MW-14	5/20/15	14:23			GW8						
9	Trip Bus					267047	GW9					
10												
Relinquished By / Affiliation		Date	Time	Accepted By / Affiliation	Date	Time	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time

FINANCE CHARGES APPLIED TO PAST DUE INVOICES



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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: May 21, 2015
Jun 3, 2015; Invoice: 267037

Report Summary

Date Received: May 21, 2015

FCL Project Manager: June S. Flowers

Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
267037SW1	SW-2/21062	EPA245.1	EVB	Main Lab	Surface Water
		EPA300.0	YGS	Main Lab	
		EPA351.2	VLB	Main Lab	
		EPA365.4	VLB	Main Lab	
		EPA410.4	MAC	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	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM10200 H	TRB	Main Lab	
		SM2340 B	EVB	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM2540 D	PLB	Main Lab	
		SM5210 B	CCP	Main Lab	
		SM5310 C	PCW	Main Lab	
		SM9222 D	TRB	Main Lab	
		TotNit			
267037SW2	Trip Blank	EPA8260	CTH	Main Lab	Surface Water

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAP 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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PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: May 21, 2015

Jun 3, 2015; Invoice: 267037

Analysis Report

Lab #: 267037SW1 Sampled: 05/21/15 09:31 AM Desc: SW-2/21062

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Total Nitrogen(as N)	2.26	mg/L	0	1.00	0.000100	10274203	FDEP DEP-SOF	17778-88-0	06/03/15
Unionized NH3(as N)	0.00344	mg/L	1.00	0.200	0.400	10282149	EPA300.0	14797-55-8	05/21/15 11:30 AM
Nitrate(as N)	0.200 U	mg/L	1.00	0.200	0.400	10282149	EPA300.0	14797-65-0	05/21/15 11:30 AM
Nitrite(as N)	31.0	cfu/100mL	1.00	1.00	1.00	10282331	SM9222 D	E761792	05/21/15 01:00 PM
Fecal Coliform	0.00000500 U	mg/L	1.00	0.00000500	0.000100	10282345	EPA245.1	7439-97-6	05/26/15
Mercury	0.0100 U	mg/L	1.00	0.0100	0.0200	10282418	EPA6020	7429-90-5	05/26/15
Aluminum	0.00200 U	mg/L	1.00	0.00200	0.00800	10282418	EPA6020	7440-36-0	05/26/15
Antimony	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-38-2	05/26/15
Arsenic	0.0118	mg/L	1.00	0.00200	0.00400	10282418	EPA6020	7440-39-3	05/26/15
Barium	0.000500 U	mg/L	1.00	0.000500	0.00100	10282418	EPA6020	7440-41-7	05/26/15
Beryllium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-43-9	05/26/15
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-47-3	05/26/15
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-48-4	05/26/15
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-50-8	05/26/15
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7439-92-1	05/26/15
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-02-0	05/26/15
Nickel	0.00200 U	mg/L	1.00	0.00200	0.00400	10282418	EPA6020	7782-49-2	05/26/15
Selenium	0.000500 U	mg/L	1.00	0.000500	0.00100	10282418	EPA6020	7440-22-4	05/26/15
Silver	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-28-0	05/26/15
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-62-2	05/26/15
Vanadium	0.00100 U	mg/L	1.00	0.00100	0.00200	10282418	EPA6020	7440-66-6	05/26/15
Zinc	0.0260	mg/L	1.00	0.0100	0.0200	10282418	EPA6020	10-33-3	05/22/15
TDS	352	mg/L	1.00	2.50	5.00	10282436	SM2540 C	E1642818	05/23/15
TSS	3.00	mg/L	1.00	1.00	2.00	10282488	SM2540 D	7439-89-6	05/27/15
Iron	0.410	mg/L	1.00	0.0100	0.0200	10282521	EPA6010	40-11-9	05/27/15
Total Hardness (as CaCO3)	264	mg/L	1.00	0.100	0.200	10282529	SM2340 B	630-20-6	05/27/15
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260		05/27/15



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Tampa, FL 33607

PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: May 21, 2015
Jun 3, 2015; Invoice: 267037

Lab #: 267037SW1 Sampled: 05/21/15 09:31 AM Desc: SW-2/21062

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	71-55-6	05/27/15
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10282647	EPA8260	79-34-5	05/27/15
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	79-00-5	05/27/15
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-34-3	05/27/15
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-35-4	05/27/15
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10282647	EPA8260	107-06-2	05/27/15
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10282647	EPA8260	78-87-5	05/27/15
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	78-93-3	05/27/15
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	591-78-6	05/27/15
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10282647	EPA8260	67-64-1	05/27/15
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10282647	EPA8260	107-13-1	05/27/15
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	71-43-2	05/27/15
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10282647	EPA8260	074-97-5	05/27/15
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10282647	EPA8260	75-27-4	05/27/15
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-25-2	05/27/15
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	74-83-9	05/27/15
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	75-15-0	05/27/15
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	56-23-5	05/27/15
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	108-90-7	05/27/15
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-00-3	05/27/15
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	67-66-3	05/27/15
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	74-87-3	05/27/15
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10282647	EPA8260	124-48-1	05/27/15
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	074-95-3	05/27/15
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	100-41-4	05/27/15
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	074-88-4	05/27/15
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	108-10-1	05/27/15
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	75-09-2	05/27/15
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	106-46-7	05/27/15



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Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: May 21, 2015
Jun 3, 2015; Invoice: 267037

Lab #: 267037SW1 Sampled: 05/21/15 09:31 AM Desc: SW-2/21062

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	100-42-5	05/27/15
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	127-18-4	05/27/15
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	108-88-3	05/27/15
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	79-01-6	05/27/15
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-69-4	05/27/15
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10282647	EPA8260	108-05-4	05/27/15
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-01-4	05/27/15
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	1330-20-7	05/27/15
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10282647	EPA8260	156-59-2	05/27/15
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	10061-01-5	05/27/15
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	95-50-1	05/27/15
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	156-60-5	05/27/15
trans-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	10061-02-6	05/27/15
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	110-57-6	05/27/15
Surr:1,2-Dichloroethane-d4 (50-170%)	103.33%		1.00	0.0100	0.0100	10282647	EPA8260	460-00-4	05/27/15
Surr:Bromofluorobenzene (50-170%)	104.17%		1.00	1.00	1.00	10282647	EPA8260	7727-37-9	05/28/15
Surr:Toluene-d8 (50-170%)	100.00%		1.00	0.0100	0.0100	10282647	EPA8260	E1640606	05/27/15
TKN(as N)	1.86	mg/L	1.00	0.200	0.400	10282652	EPA351.2	C-004	06/02/15
BOD5day	2.00 U	mg/L	1.00	2.00	2.00	10282809	SM5210 B	479-61-8	05/19/15
Chemical Oxygen Demand	20.0 U	mg/L	1.00	20.0	40.0	10282904	SPA410.4	E701250	06/02/15
Chlorophyll a	6.85	mg/m3	1.00	1.00	2.00	10282910	SM10200 H	C006	05/21/15
TOC	22.4	mg/L	1.00	1.00	2.00	10282968	SM5310 C		05/21/15
Field pH (units)	7.53	pH	1.00	0.0100	0.0200	10283006	FT1100		05/21/15
Field Conductivity	563	umhos/cm	1.00	0.100	0.100	10283007	FT1200		05/21/15
Field Temp. (C)	24.0	oC	1.00	0.100	0.100	10283008	FT1400		05/21/15
Field DO	1.55	mg/L	1.00	0.100	0.100	10283009	FT1500		05/21/15
Field Turbidity	8.50	NTU	1.00	0.100	0.100	10283010	FT1600		05/21/15
Total Phosphorus(as P)	0.606	mg/L	1.00	0.0400	0.100	10283081	EPA365.4	7723-14-0	05/28/15
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10283142	EPA8011	096-18-4	05/28/15



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Tampa, FL 33607

PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: May 21, 2015
Jun 3, 2015; Invoice: 267037

Lab #: 267037SW1 Sampled: 05/21/15 09:31 AM Desc: SW-2/21062

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	10283142	EPA8011	106-93-4	05/28/15
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10283142	EPA8011	96-12-8	05/28/15

Lab #: 267037SW2 Sampled: 05/21/15 09:31 AM Desc: Trip Blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	630-20-6	05/27/15
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	71-55-6	05/27/15
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10282647	EPA8260	79-34-5	05/27/15
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	79-00-5	05/27/15
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-34-3	05/27/15
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-35-4	05/27/15
1,2-dichloroethane	0.200 U	ug/L	1.00	0.200	0.400	10282647	EPA8260	107-06-2	05/27/15
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	78-87-5	05/27/15
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	78-93-3	05/27/15
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10282647	EPA8260	591-78-6	05/27/15
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10282647	EPA8260	67-64-1	05/27/15
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	107-13-1	05/27/15
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10282647	EPA8260	71-43-2	05/27/15
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10282647	EPA8260	074-97-5	05/27/15
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-27-4	05/27/15
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-25-2	05/27/15
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	74-83-9	05/27/15
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-15-0	05/27/15
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	56-23-5	05/27/15
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	108-90-7	05/27/15
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-00-3	05/27/15
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	67-66-3	05/27/15
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10282647	EPA8260	74-87-3	05/27/15
								124-48-1	05/27/15



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Client Project #: HARDEE COUNTY REGIONAL LAN

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Jun 3, 2015; Invoice: 267037

Lab #: 267037SW2 Sampled: 05/21/15 09:31 AM Desc: Trip Blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	074-95-3	05/27/15
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	100-41-4	05/27/15
Methyl iodide	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	074-88-4	05/27/15
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	108-10-1	05/27/15
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	75-09-2	05/27/15
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	106-46-7	05/27/15
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	100-42-5	05/27/15
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	127-18-4	05/27/15
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	108-88-3	05/27/15
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	79-01-6	05/27/15
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-69-4	05/27/15
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10282647	EPA8260	108-05-4	05/27/15
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	75-01-4	05/27/15
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	1330-20-7	05/27/15
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10282647	EPA8260	156-59-2	05/27/15
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	10061-01-5	05/27/15
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	95-50-1	05/27/15
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	156-60-5	05/27/15
trans-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10282647	EPA8260	10061-02-6	05/27/15
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10282647	EPA8260	110-57-6	05/27/15
Surr:1,2-Dichloroethane-d4 (50-170%)	104.23%		1.00	0.0100	0.0100	10282647	EPA8260		05/27/15
Surr:Bromofluorobenzene (50-170%)	104.13%		1.00	1.00	1.00	10282647	EPA8260		05/27/15
Surr:Toluene-d8 (50-170%)	100.03%		1.00	0.0100	0.0100	10282647	EPA8260	460-00-4	05/27/15



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Quality Report

Quality Control Batch:	10282345	Analyst:	EVB
Blank		Result	Units



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Quality Control Batch: 10282345		Analyst: EVB	
Blank	Result	Units	
Mercury	1.48	mg/L	
Laboratory Control Sample			
Mercury	Result	Units	
	0.0000204	mg/L	
		Spike	%REC
		0.0000200	102.00
			%REC Lim
			80.00-120.00
Matrix Spike			
Mercury	Result	Units	
	0.0000505	mg/L	
		Spike	%REC
		0.0000500	84.40
			%REC Lim
			80.00-120.00
Matrix Spike Duplicate			
Mercury	Result	Units	
	0.0000469	mg/L	
		Spike	%REC
		0.0000500	77.20
			%REC Lim
			80.00-120.00
		Sample	RPD
		0.00000830	7.39
			RPD Lim
			20.00

Quality Control Batch: 10282418		Analyst: EVB	
Blank	Result	Units	
Arsenic	0.00100U	mg/L	
Barium	0.00200U	mg/L	
Cadmium	0.00100U	mg/L	
Chromium	0.00100U	mg/L	
Copper	0.00100U	mg/L	
Lead	0.00100U	mg/L	
Selenium	0.00200U	mg/L	
Silver	0.000500U	mg/L	
Zinc	0.0100U	mg/L	
Laboratory Control Sample			
Arsenic	Result	Units	
	0.102	mg/L	
Barium	0.0917	mg/L	
Cadmium	0.0933	mg/L	
Chromium	0.0908	mg/L	
Copper	0.0961	mg/L	
		Spike	%REC
		0.100	101.50
			%REC Lim
			80.00-120.00
			80.00-120.00
			80.00-120.00
			80.00-120.00
			80.00-120.00



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Quality Control Batch: 10282418 Analyst: EVB

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Lead	0.111	mg/L	0.100	110.80	80.00-120.00
Selenium	0.0951	mg/L	0.100	95.10	80.00-120.00
Silver	0.0956	mg/L	0.100	95.60	80.00-120.00
Zinc	0.105	mg/L	0.100	105.10	80.00-120.00

Matrix Spike

	Result	Units	Spike	%REC	%REC Lim	Sample
Arsenic	0.0818	mg/L	0.100	81.80	75.00-125.00	0.00100U
Barium	0.0935	mg/L	0.100	82.90	75.00-125.00	0.0106
Cadmium	0.0930	mg/L	0.100	93.00	75.00-125.00	0.00100U
Chromium	0.0969	mg/L	0.100	96.90	75.00-125.00	0.00100U
Copper	0.0903	mg/L	0.100	90.30	75.00-125.00	0.00100U
Lead	0.102	mg/L	0.100	102.20	75.00-125.00	0.00100U
Selenium	0.0766	mg/L	0.100	76.60	75.00-125.00	0.00200U
Silver	0.0860	mg/L	0.100	86.00	75.00-125.00	0.000500U
Zinc	0.117	mg/L	0.100	93.80	75.00-125.00	0.0234

Matrix Spike Duplicate

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Arsenic	0.0818	mg/L	0.100	81.80	75.00-125.00	0.00100U	0.00	20.00
Barium	0.0932	mg/L	0.100	82.60	75.00-125.00	0.0106	0.32	20.00
Cadmium	0.0932	mg/L	0.100	93.20	75.00-125.00	0.00100U	0.21	20.00
Chromium	0.0957	mg/L	0.100	95.70	75.00-125.00	0.00100U	1.25	20.00
Copper	0.0913	mg/L	0.100	91.30	75.00-125.00	0.00100U	1.10	20.00
Lead	0.102	mg/L	0.100	102.40	75.00-125.00	0.00100U	0.20	20.00
Selenium	0.0773	mg/L	0.100	77.30	75.00-125.00	0.00200U	0.91	20.00
Silver	0.0866	mg/L	0.100	86.60	75.00-125.00	0.000500U	0.70	20.00
Zinc	0.120	mg/L	0.100	96.60	75.00-125.00	0.0234	2.36	20.00

Quality Control Batch: 10282436 Analyst: PLB

Blank



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Quality Control Batch: 10282436		Analyst: PLB	
Blank	Result	Units	
TDS	2.50U	mg/L	
Laboratory Control Sample			
TDS	Result	Units	%REC Lim
	1460	mg/L	97.20 50.00-150.00
Quality Control Batch: 10282488		Analyst: PLB	
Blank	Result	Units	
TSS	1.00U	mg/L	
Laboratory Control Sample			
TSS	Result	Units	%REC Lim
	84.0	mg/L	100.00 50.00-150.00
Quality Control Batch: 10282521		Analyst: EVB	
Blank	Result	Units	
Iron	0.0100U	mg/L	
Laboratory Control Sample			
Iron	Result	Units	%REC Lim
	5.25	mg/L	104.90 80.00-120.00
Matrix Spike			
Iron	Result	Units	%REC Lim Sample
	5.54	mg/L	107.19 75.00-125.00 0.177
Matrix Spike Duplicate			
Iron	Result	Units	%REC Lim RPD RPD Lim
	4.89	mg/L	94.20 75.00-125.00 0.177 12.46 20.00
Quality Control Batch: 10282529		Analyst: EVB	
Blank	Result	Units	



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Quality Control Batch: 10282529

Blank	Analyst: EVB	Units
Total Hardness (as CaCO ₃)	0.100U	mg/L

Quality Control Batch: 10282647

Blank	Analyst: CTH	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



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Quality Control Batch: 10282647

Analyst: CTH

Blank Result Units

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

1,1-Dichloroethene 0.500U ug/L

1,2-dichloroethane 0.500U ug/L

1,2-dichloropropane 0.200U ug/L

2-Butanone (MEK) 0.500U ug/L

2-Hexanone 0.500U ug/L

Surr:Bromofluorobenzene 31.1 ug/L

Surr:Toluene-d8 30.0 ug/L

Surr:1,2-Dichloroethane-d4 30.2 ug/L

Laboratory Control Sample

Acetone Result 51.1 Units ug/L

Acrylonitrile 53.1 ug/L

Benzene 51.5 ug/L

Bromochloromethane 51.2 ug/L

%REC 127.78

%REC Lim 50.00-170.00

132.68

50.00-170.00

128.70

50.00-170.00

128.10

50.00-170.00



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Quality Control Batch: 10282647

Analyst: CTH

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Bromodichloromethane	50.9	ug/L	40.0	127.28	50.00-170.00
Bromoform	49.9	ug/L	40.0	124.78	50.00-170.00
Bromomethane	49.8	ug/L	40.0	124.40	50.00-170.00
Carbon Disulfide	52.1	ug/L	40.0	130.27	50.00-170.00
Carbon Tetrachloride	57.5	ug/L	40.0	143.82	50.00-170.00
Chlorobenzene	48.5	ug/L	40.0	121.18	50.00-170.00
Chloroethane	49.8	ug/L	40.0	124.40	50.00-170.00
Chloroform	51.4	ug/L	40.0	128.52	50.00-170.00
Chloromethane	52.7	ug/L	40.0	131.85	50.00-170.00
cis-1,2-dichloroethene	55.3	ug/L	40.0	138.35	50.00-170.00
cis-1,3-Dichloropropene	50.4	ug/L	40.0	125.88	50.00-170.00
Dibromochloromethane	49.0	ug/L	40.0	122.57	50.00-170.00
Dibromomethane	50.0	ug/L	40.0	124.93	50.00-170.00
Ethylbenzene	51.5	ug/L	40.0	128.80	50.00-170.00
Methyl iodide	48.8	ug/L	40.0	122.08	50.00-170.00
Methyl isobutyl ketone	49.2	ug/L	40.0	123.05	50.00-170.00
Methylene chloride	51.4	ug/L	40.0	128.50	50.00-170.00
o-dichlorobenzene	46.5	ug/L	40.0	116.35	50.00-170.00
Para-dichlorobenzene	45.1	ug/L	40.0	112.78	50.00-170.00
Styrene	51.0	ug/L	40.0	127.38	50.00-170.00
Tetrachloroethene	51.8	ug/L	40.0	129.50	50.00-170.00
Toluene	50.6	ug/L	40.0	126.47	50.00-170.00
trans-1,2-dichloroethene	53.4	ug/L	40.0	133.55	50.00-170.00
trans-1,3-Dichloropropene	50.1	ug/L	40.0	125.22	50.00-170.00
Trichloroethene	52.7	ug/L	40.0	131.77	50.00-170.00
Trichlorofluoromethane	55.9	ug/L	40.0	139.62	50.00-170.00
Vinyl chloride	52.1	ug/L	40.0	130.33	50.00-170.00
Xylenes	152	ug/L	120	126.89	50.00-170.00
1,1,1,2-Tetrachloroethane	51.6	ug/L	40.0	128.97	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 LAN

Date Sampled: May 21, 2015

Jun 3, 2015; Invoice: 267037

Quality Control Batch: 10282647 Analyst: CTH

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
1,1,1-Trichloroethane	54.1	ug/L	40.0	135.25	50.00-170.00
1,1,2,2-Tetrachloroethane	49.4	ug/L	40.0	123.53	50.00-170.00
1,1,2-Trichloroethane	46.9	ug/L	40.0	117.17	50.00-170.00
1,1-Dichloroethane	53.0	ug/L	40.0	132.43	50.00-170.00
1,1-Dichloroethene	55.8	ug/L	40.0	139.58	50.00-170.00
1,2-dichloroethane	53.4	ug/L	40.0	133.45	50.00-170.00
1,2-dichloropropane	53.3	ug/L	40.0	133.35	50.00-170.00
2-Butanone (MEK)	38.2	ug/L	40.0	95.57	50.00-170.00
2-Hexanone	48.0	ug/L	40.0	119.92	50.00-170.00
Surr:Bromofluorobenzene	29.1	ug/L	30.0	96.87	50.00-170.00
Surr:Toluene-d8	30.7	ug/L	30.0	102.47	50.00-170.00
Surr:1,2-Dichloroethane-d4	30.8	ug/L	30.0	102.73	50.00-170.00

Matrix Spike

	Result	Units	Spike	%REC	%REC Lim	Sample
Acetone	29.7	ug/L	20.0	148.40	50.00-170.00	5.00U
Acrylonitrile	29.3	ug/L	20.0	146.25	50.00-170.00	0.300U
Benzene	26.6	ug/L	20.0	132.80	50.00-170.00	0.500U
Bromochloromethane	25.0	ug/L	20.0	125.15	50.00-170.00	0.100U
Bromodichloromethane	26.3	ug/L	20.0	131.60	50.00-170.00	0.100U
Bromoform	24.4	ug/L	20.0	122.10	50.00-170.00	0.500U
Bromomethane	31.2	ug/L	20.0	155.80	50.00-170.00	0.500U
Carbon Tetrachloride	29.5	ug/L	20.0	147.45	50.00-170.00	0.500U
Chlorobenzene	24.5	ug/L	20.0	122.30	50.00-170.00	0.500U
Chloroethane	27.1	ug/L	20.0	135.25	50.00-170.00	0.500U
Chloroform	25.9	ug/L	20.0	129.55	50.00-170.00	0.500U
Chloromethane	31.9	ug/L	20.0	159.50	50.00-170.00	0.500U
cis-1,2-dichloroethene	28.3	ug/L	20.0	141.35	50.00-170.00	0.200U
cis-1,3-Dichloropropene	25.0	ug/L	20.0	124.90	50.00-170.00	0.500U
Dibromochloromethane	25.5	ug/L	20.0	127.45	50.00-170.00	0.400U



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Atkins-Tampa
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Tampa, FL 33607

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: May 21, 2015
Jun 3, 2015; Invoice: 267037

Quality Control Batch: 10282647		Analyst: CTH	
Matrix Spike	Result	Units	Spike
Dibromomethane	25.1	ug/L	20.0
Ethylbenzene	25.7	ug/L	20.0
Methyl iodide	22.4	ug/L	20.0
Methyl isobutyl ketone	27.6	ug/L	20.0
Methylene chloride	22.2	ug/L	20.0
o-dichlorobenzene	23.4	ug/L	20.0
Para-dichlorobenzene	22.9	ug/L	20.0
Styrene	24.7	ug/L	20.0
Tetrachloroethene	25.3	ug/L	20.0
Toluene	26.3	ug/L	20.0
trans-1,2-dichloroethene	28.4	ug/L	20.0
trans-1,3,-Dichloropropene	25.1	ug/L	20.0
Trichloroethene	26.6	ug/L	20.0
Trichlorofluoromethane	29.3	ug/L	20.0
Vinyl chloride	29.1	ug/L	20.0
Xylenes	75.3	ug/L	60.0
1,1,1,2-Tetrachloroethane	25.5	ug/L	20.0
1,1,1-Trichloroethane	26.6	ug/L	20.0
1,1,2,2-Tetrachloroethane	25.5	ug/L	20.0
1,1,2-Trichloroethane	23.8	ug/L	20.0
1,1-Dichloroethane	26.7	ug/L	20.0
1,1-Dichloroethene	30.0	ug/L	20.0
1,2-dichloroethane	26.8	ug/L	20.0
1,2-dichloropropane	27.2	ug/L	20.0
2-Butanone (MEK)	23.2	ug/L	20.0
2-Hexanone	27.0	ug/L	20.0
Surr:Bromofluorobenzene	30.4	ug/L	30.0
Surr:Toluene-d8	30.2	ug/L	30.0
Surr:1,2-Dichloroethane-d4	31.2	ug/L	30.0
		%REC	%REC Lim
		125.30	50.00-170.00
		128.60	50.00-170.00
		112.10	50.00-170.00
		137.80	50.00-170.00
		111.05	50.00-170.00
		116.75	50.00-170.00
		114.35	50.00-170.00
		123.30	50.00-170.00
		126.40	50.00-170.00
		131.65	50.00-170.00
		141.95	50.00-170.00
		125.30	50.00-170.00
		133.15	50.00-170.00
		146.40	50.00-170.00
		145.40	50.00-170.00
		125.45	50.00-170.00
		127.40	50.00-170.00
		132.80	50.00-170.00
		127.70	50.00-170.00
		118.95	50.00-170.00
		133.30	50.00-170.00
		150.20	50.00-170.00
		133.75	50.00-170.00
		135.85	50.00-170.00
		115.90	50.00-170.00
		134.85	50.00-170.00
		101.43	50.00-170.00
		100.67	50.00-170.00
		104.03	50.00-170.00



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Atkins-Tampa

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PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: May 21, 2015

Jun 3, 2015; Invoice: 267037

Quality Control Batch: 10282647

Analyst: CTH

Matrix Spike Duplicate

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Acetone	32.9	ug/L	20.0	164.40	50.00-170.00	5.00U	10.23	30.00
Acrylonitrile	28.8	ug/L	20.0	144.00	50.00-170.00	0.300U	1.55	30.00
Benzene	28.9	ug/L	20.0	144.45	50.00-170.00	0.500U	8.40	30.00
Bromochloromethane	26.9	ug/L	20.0	134.40	50.00-170.00	0.100U	7.13	30.00
Bromodichloromethane	28.1	ug/L	20.0	140.60	50.00-170.00	0.100U	6.61	30.00
Bromoform	26.1	ug/L	20.0	130.45	50.00-170.00	0.500U	6.61	30.00
Bromomethane	33.7	ug/L	20.0	168.65	50.00-170.00	0.500U	7.92	30.00
Carbon Tetrachloride	31.8	ug/L	20.0	159.10	50.00-170.00	0.500U	7.60	30.00
Chlorobenzene	27.2	ug/L	20.0	136.15	50.00-170.00	0.500U	10.72	30.00
Chloroethane	28.8	ug/L	20.0	143.75	50.00-170.00	0.500U	6.09	30.00
Chloroform	28.4	ug/L	20.0	141.90	50.00-170.00	0.500U	9.10	30.00
Chloromethane	34.6	ug/L	20.0	172.95	50.00-170.00	0.500U	8.09	30.00
cis-1,2-dichloroethene	30.4	ug/L	20.0	151.90	50.00-170.00	0.200U	7.20	30.00
cis-1,3-Dichloropropene	27.4	ug/L	20.0	137.05	50.00-170.00	0.500U	9.28	30.00
Dibromochloromethane	27.7	ug/L	20.0	138.60	50.00-170.00	0.400U	8.38	30.00
Dibromomethane	27.1	ug/L	20.0	135.65	50.00-170.00	0.500U	7.93	30.00
Ethylbenzene	28.5	ug/L	20.0	142.30	50.00-170.00	0.500U	10.11	30.00
Methyl iodide	27.4	ug/L	20.0	136.75	50.00-170.00	1.00U	19.81	30.00
Methyl isobutyl ketone	29.3	ug/L	20.0	146.35	50.00-170.00	1.00U	6.02	30.00
Methylen chloride	23.5	ug/L	20.0	117.55	50.00-170.00	1.00U	5.69	30.00
o-dichlorobenzene	25.5	ug/L	20.0	127.40	50.00-170.00	0.500U	8.72	30.00
Para-dichlorobenzene	24.2	ug/L	20.0	121.00	50.00-170.00	0.500U	5.65	30.00
Styrene	27.2	ug/L	20.0	136.00	50.00-170.00	0.500U	9.80	30.00
Tetrachloroethene	27.3	ug/L	20.0	136.30	50.00-170.00	0.500U	7.54	30.00
Toluene	29.0	ug/L	20.0	145.00	50.00-170.00	0.500U	9.65	30.00
trans-1,2-dichloroethene	31.0	ug/L	20.0	154.75	50.00-170.00	0.500U	8.63	30.00
trans-1,3-Dichloropropene	27.9	ug/L	20.0	139.65	50.00-170.00	0.500U	10.83	30.00
Trichloroethene	28.9	ug/L	20.0	144.70	50.00-170.00	0.500U	8.31	30.00
Trichlorofluoromethane	31.6	ug/L	20.0	157.90	50.00-170.00	0.500U	7.56	30.00



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PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: May 21, 2015

Jun 3, 2015; Invoice: 267037

Quality Control Batch: 10282647

Analyst: CTH

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Vinyl chloride	31.0	ug/L	20.0	155.05	50.00-170.00	0.500U	6.42	30.00
Xylenes	82.6	ug/L	60.0	137.72	50.00-170.00	1.00U	9.32	30.00
1,1,1,2-Tetrachloroethane	28.1	ug/L	20.0	140.25	50.00-170.00	0.500U	9.60	30.00
1,1,1-Trichloroethane	29.2	ug/L	20.0	146.00	50.00-170.00	0.500U	9.47	30.00
1,1,2,2-Tetrachloroethane	27.2	ug/L	20.0	136.20	50.00-170.00	0.100U	6.44	30.00
1,1,2-Trichloroethane	26.1	ug/L	20.0	130.70	50.00-170.00	0.500U	9.41	30.00
1,1-Dichloroethane	28.7	ug/L	20.0	143.25	50.00-170.00	0.500U	7.20	30.00
1,1-Dichloroethene	32.4	ug/L	20.0	162.15	50.00-170.00	0.500U	7.65	30.00
1,2-dichloroethane	28.6	ug/L	20.0	143.10	50.00-170.00	0.500U	6.75	30.00
1,2-dichloropropane	29.2	ug/L	20.0	145.95	50.00-170.00	0.200U	7.17	30.00
2-Butanone (MEK)	22.3	ug/L	20.0	111.40	50.00-170.00	0.500U	3.96	30.00
2-Hexanone	27.9	ug/L	20.0	139.60	50.00-170.00	0.500U	3.46	30.00
Surr:Bromofluorobenzene	30.5	ug/L	30.0	101.50	50.00-170.00		0.07	30.00
Surr:Toluene-d8	30.0	ug/L	30.0	100.10	50.00-170.00		0.56	30.00
Surr:1,2-Dichloroethane-d4	30.2	ug/L	30.0	100.50	50.00-170.00		3.46	30.00

Quality Control Batch: 10282652

Analyst: VLB

Blank	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
TKN(as N)	0.200U	mg/L						
Laboratory Control Sample								
TKN(as N)	3.10	mg/L	3.00	103.19	80.00-120.00			
Matrix Spike								
TKN(as N)	3.57	mg/L	3.00	91.61	80.00-120.00	0.818		
Matrix Spike Duplicate								
TKN(as N)	3.65	mg/L	3.00	94.27	80.00-120.00	0.818	2.21	20.00



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Quality Control Batch: 10282809		Analyst: CCP	
Blank	Result	Units	
BOD5day	2.00U	mg/L	
Laboratory Control Sample		Units	%REC
BOD5day	185	mg/L	93.28
		Spike	%REC Lim
		198	85.00-115.00
Quality Control Batch: 10282904		Analyst: MAC	
Blank	Result	Units	
Chemical Oxygen Demand	20.0U	mg/L	
Laboratory Control Sample		Units	%REC
Chemical Oxygen Demand	90.8	mg/L	90.85
		Spike	%REC Lim
		100	80.00-120.00
Matrix Spike		Units	Sample
Chemical Oxygen Demand	237	mg/L	20.0U
Matrix Spike Duplicate		Units	RPD
Chemical Oxygen Demand	237	mg/L	0.00
		Spike	RPD Lim
		200	20.0U
Quality Control Batch: 10282910		Analyst: TRB	
Blank	Result	Units	
Chlorophyll a	1.00U	mg/m3	
Quality Control Batch: 10282968		Analyst: PCW	
Blank	Result	Units	
TOC	1.00U	mg/L	
Laboratory Control Sample		Units	%REC
		Spike	%REC Lim



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Quality Control Batch: 10282968		Analyst: PCW	
Laboratory Control Sample			
TOC	Result 9.94	Units mg/L	Spike 10.0
		%REC 99.44	%REC Lim 80.00-120.00
Matrix Spike			
TOC	Result 30.8	Units mg/L	Spike 10.0
		%REC 84.66	%REC Lim 80.00-120.00
Matrix Spike Duplicate			
TOC	Result 30.1	Units mg/L	Spike 10.0
		%REC 77.12	%REC Lim 80.00-120.00
		RPD 2.48	RPD Lim 20.00

Quality Control Batch: 10283081		Analyst: VLB	
Blank			
Total Phosphorus(as P)	Result 0.0400U	Units mg/L	
Laboratory Control Sample			
Total Phosphorus(as P)	Result 1.50	Units mg/L	Spike 1.50
		%REC 100.05	%REC Lim 85.00-115.00
Matrix Spike			
Total Phosphorus(as P)	Result 1.78	Units mg/L	Spike 1.50
		%REC 91.09	%REC Lim 85.00-115.00
Matrix Spike Duplicate			
Total Phosphorus(as P)	Result 1.80	Units mg/L	Spike 1.50
		%REC 91.89	%REC Lim 85.00-115.00
		RPD 0.67	RPD Lim 20.00
Quality Control Batch: 10283142		Analyst: DLJ	
Blank			
1,2,3-Trichloropropane	Result 0.0200U	Units ug/L	



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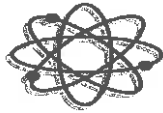
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Quality Control Batch: 10283142 Analyst: DLJ

Blank	Result	Units			
1,2-Dibromoethane (EDB)	0.0100U	ug/L			
1,2-dibromo-3-chloropropane	0.0200U	ug/L			
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
1,2,3-Trichloropropane	0.413	ug/L	0.250	165.00	50.00-170.00
1,2-Dibromoethane (EDB)	0.338	ug/L	0.250	135.16	50.00-170.00
1,2-dibromo-3-chloropropane	0.349	ug/L	0.250	139.64	50.00-170.00
Matrix Spike	Result	Units	Spike	%REC	Sample
1,2,3-Trichloropropane	0.178	ug/L	0.250	71.32	0.0200U
1,2-Dibromoethane (EDB)	0.235	ug/L	0.250	93.88	0.0100U
1,2-dibromo-3-chloropropane	0.280	ug/L	0.250	112.00	0.0200U
Matrix Spike Duplicate	Result	Units	Spike	%REC	RPD
1,2,3-Trichloropropane	0.188	ug/L	0.250	75.28	5.40
1,2-Dibromoethane (EDB)	0.260	ug/L	0.250	104.00	10.23
1,2-dibromo-3-chloropropane	0.292	ug/L	0.250	116.68	4.09
					RPD Lim
					30.00
					30.00
					30.00



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 LAN
Date Sampled: May 21, 2015
Jun 3, 2015; Invoice: 267037

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.

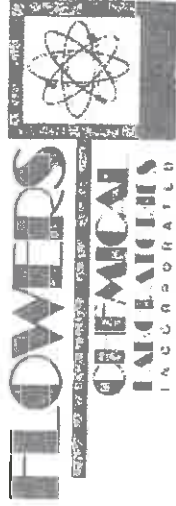
Check Box That Applies To Your Location

☐ Flowers Chemical Laboratories, Inc.
481 Newburyport Ave.
Altamonte Springs, FL 32701
Bus: 407-339-5984
Fax: 407-260-6110

☐ Flowers Chemical Labs-South
West Park Industrial Plaza
571 N.W. Mercantile Pl., Ste. 111
Port St. Lucie, FL 34986
Bus: 772-343-8006
Fax: 772-343-8089

☐ Flowers Chemical Labs-North
812 S.W. Harvey Greene Dr.
Madison, FL 32340
Bus: 850-973-6878
Fax: 850-973-6878

☐ Flowers Chemical Labs-Keys
3980 Overseas Highway, Ste. 103
Marathon, FL 33050
Bus: 305-743-8598
Fax: 305-743-8598



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Client ATKINS (JAMPA) Project Name _____ P.O. # _____
Address _____ Client Contact _____ FAX _____
Phone _____ FCL Project Manager _____ E-MAIL _____

Requested Due Date _____ OR _____ Rush Charges May Apply
Pick-Up Fee \$ _____ Vehicle Surcharge \$ _____ Sampling Fee \$ _____
Sampler Signature _____ Date Sampled _____

ITEM NO.	SAMPLE ID	DATE	TIME	MATRIX	(LAB USE ONLY) LAB NO.	PRESERVATIVES				ANALYSES REQUEST	COMMENTS	Total # Containers
						NONE	H ₂ SO ₄	HNO ₃	HCl	Na ₂ S ₂ O ₃		
1	SW-2	5/21/15	9:31	SW	2670335	2670337 SW1					DUPLICATE (SEE ATTACHED)	
2	Trip	5/21/15	11	11	2670337	2670337 SW2					Landfill SW	
3												
4												
5												
6												
7												
8												
9												
10												
Relinquished By / Affiliation		Date	Time	Accepted By / Affiliation		Date	Time	Relinquished By / Affiliation		Date	Time	Date
												5/21/15 12:10

FINANCE CHARGES APPLIED TO PAST DUE INVOICES

• WHITE - Lab Copy - To Be Scanned

• YELLOW - Client Copy