

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 21, 2013
Work Order: 1302668

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY
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Sample Description	2MW-17S 19758
Matrix	Groundwater
SAL Sample Number	1302668-01
Date/Time Collected	03/06/13 09:21
Collected by	Wilfred Martfeld
Date/Time Received	03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:13	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:13	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:13	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:13	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:13	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:13	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 12:13	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 12:13	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 12:13	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:13	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:13	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 12:13	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/14/13 12:13	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/14/13 12:13	1
Acetone	ug/L	41	EPA 8260	4.0	2.0		03/14/13 12:13	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/14/13 12:13	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 12:13	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 12:13	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:13	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:13	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 12:13	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:13	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:13	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 12:13	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 12:13	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:13	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 12:13	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 12:13	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:13	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 12:13	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:13	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/14/13 12:13	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:13	1

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March 21, 2013
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Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **2MW-17S 19758**
 Matrix **Groundwater**
 SAL Sample Number **1302668-01**
 Date/Time Collected **03/06/13 09:21**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/08/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 12:13	1
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		03/14/13 12:13	1
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 12:13	1
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/14/13 12:13	1
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 12:13	1
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 12:13	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		03/14/13 12:13	1
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 12:13	1
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 12:13	1
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/14/13 12:13	1
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/14/13 12:13	1
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/14/13 12:13	1
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 12:13	1
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 12:13	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	99 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	100 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	99 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	98 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0054 U	EPA 8011	0.021	0.0054	03/14/13 11:44	03/15/13 01:00	1
1,2-Dibromoethane	ug/L	0.0054 U	EPA 8011	0.021	0.0054	03/14/13 11:44	03/15/13 01:00	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	111 %	Limits		85-123			

Metals

Antimony	ug/L	0.071 U	EPA 6020	0.50	0.071	03/19/13 15:29	03/20/13 11:07	1
Arsenic	ug/L	0.93 U	EPA 6020	5.0	0.93	03/16/13 12:40	03/18/13 13:34	1
Barium	ug/L	8.4	EPA 6020	0.50	0.18	03/16/13 12:40	03/18/13 13:34	1
Beryllium	ug/L	0.096 U	EPA 6010	1.0	0.096	03/12/13 12:06	03/20/13 18:19	1
Cadmium	ug/L	0.27 U	EPA 6020	0.50	0.27	03/16/13 12:40	03/18/13 13:34	1
Chromium	ug/L	1.1 I	EPA 6020	5.0	0.35	03/16/13 12:40	03/18/13 13:34	1
Cobalt	ug/L	10 U	EPA 6010	100	10	03/12/13 12:06	03/20/13 18:19	1
Copper	ug/L	0.13 U	EPA 6020	0.50	0.13	03/16/13 12:40	03/18/13 13:34	1
Lead	ug/L	0.25 U	EPA 6020	0.50	0.25	03/16/13 12:40	03/18/13 13:34	1
Nickel	ug/L	0.76 I	EPA 6020	5.0	0.46	03/16/13 12:40	03/18/13 13:34	1
Selenium	ug/L	0.93 U	EPA 6020	5.0	0.93	03/19/13 15:29	03/19/13 16:55	1

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Sample Description **2MW-17S 19758**
Matrix **Groundwater**
SAL Sample Number **1302668-01**
Date/Time Collected **03/06/13 09:21**
Collected by **Wilfred Martfeld**
Date/Time Received **03/08/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 u	EPA 6010	20	1.1	03/12/13 12:06	03/20/13 18:19	1
Thallium	ug/L	0.24 u	EPA 6020	0.50	0.24	03/16/13 12:40	03/18/13 13:34	1
Vanadium	ug/L	7.8 u	EPA 6010	10	7.8	03/12/13 12:06	03/20/13 18:19	1
Zinc	ug/L	2.0 l	EPA 6020	5.0	0.88	03/16/13 12:40	03/18/13 13:34	1

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March 21, 2013
Work Order: 1302668

Laboratory Report

Project Name		PASCO COUNTY RESOURCE RECOVERY						
Sample Description		2MW-18D 19759						
Matrix		Groundwater						
SAL Sample Number		1302668-02						
Date/Time Collected		03/06/13 10:28						
Collected by		Wilfred Martfeld						
Date/Time Received		03/08/13 13:00						
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:45	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:45	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:45	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:45	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:45	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:45	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 12:45	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 12:45	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 12:45	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:45	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:45	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 12:45	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/14/13 12:45	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/14/13 12:45	1
Acetone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 12:45	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/14/13 12:45	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 12:45	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 12:45	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:45	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:45	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 12:45	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:45	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:45	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 12:45	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 12:45	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:45	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 12:45	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 12:45	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:45	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 12:45	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:45	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/14/13 12:45	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 12:45	1

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March 21, 2013
Work Order: 1302668

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **2MW-18D 19759**
 Matrix **Groundwater**
 SAL Sample Number **1302668-02**
 Date/Time Collected **03/06/13 10:28**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/08/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 12:45	1
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		03/14/13 12:45	1
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 12:45	1
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/14/13 12:45	1
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 12:45	1
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 12:45	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		03/14/13 12:45	1
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 12:45	1
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 12:45	1
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/14/13 12:45	1
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/14/13 12:45	1
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/14/13 12:45	1
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 12:45	1
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 12:45	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	102 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	101 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	101 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	100 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/11/13 13:49	03/12/13 05:45	1
1,2-Dibromoethane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/11/13 13:49	03/12/13 05:45	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	113 %	Limits		85-123			

Metals

Antimony	ug/L	0.071 U	EPA 6020	0.50	0.071	03/19/13 15:29	03/20/13 11:10	1
Arsenic	ug/L	1.1 I	EPA 6020	5.0	0.93	03/16/13 12:40	03/18/13 14:06	1
Barium	ug/L	9.4	EPA 6020	0.50	0.18	03/16/13 12:40	03/18/13 14:06	1
Beryllium	ug/L	0.096 U	EPA 6010	1.0	0.096	03/12/13 12:06	03/20/13 18:22	1
Cadmium	ug/L	0.27 U	EPA 6020	0.50	0.27	03/16/13 12:40	03/18/13 14:06	1
Chromium	ug/L	0.53 I	EPA 6020	5.0	0.35	03/16/13 12:40	03/18/13 14:06	1
Cobalt	ug/L	10 U	EPA 6010	100	10	03/12/13 12:06	03/20/13 18:22	1
Copper	ug/L	0.13 U	EPA 6020	0.50	0.13	03/16/13 12:40	03/18/13 14:06	1
Lead	ug/L	0.25 U	EPA 6020	0.50	0.25	03/16/13 12:40	03/18/13 14:06	1
Nickel	ug/L	2.0 I	EPA 6020	5.0	0.46	03/16/13 12:40	03/18/13 14:06	1
Selenium	ug/L	0.93 U	EPA 6020	5.0	0.93	03/19/13 15:29	03/19/13 16:58	1

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Sample Description **2MW-18D 19759**
Matrix **Groundwater**
SAL Sample Number **1302668-02**
Date/Time Collected **03/06/13 10:28**
Collected by **Wilfred Martfeld**
Date/Time Received **03/08/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 U	EPA 6010	20	1.1	03/12/13 12:06	03/20/13 18:22	1
Thallium	ug/L	0.24 U	EPA 6020	0.50	0.24	03/16/13 12:40	03/18/13 14:06	1
Vanadium	ug/L	7.8 U	EPA 6010	10	7.8	03/12/13 12:06	03/20/13 18:22	1
Zinc	ug/L	1.0 I	EPA 6020	5.0	0.88	03/16/13 12:40	03/18/13 14:06	1

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March 21, 2013
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Laboratory Report

Project Name		PASCO COUNTY RESOURCE RECOVERY						
Sample Description		2MW-19D 19764						
Matrix		Groundwater						
SAL Sample Number		1302668-03						
Date/Time Collected		03/06/13 11:33						
Collected by		Wilfred Martfeld						
Date/Time Received		03/08/13 13:00						
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 13:18	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 13:18	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 13:18	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 13:18	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 13:18	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 13:18	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 13:18	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 13:18	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 13:18	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 13:18	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 13:18	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 13:18	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/14/13 13:18	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/14/13 13:18	1
Acetone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 13:18	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/14/13 13:18	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 13:18	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 13:18	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 13:18	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 13:18	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 13:18	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 13:18	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 13:18	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 13:18	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 13:18	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 13:18	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 13:18	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 13:18	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 13:18	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 13:18	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 13:18	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/14/13 13:18	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 13:18	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 21, 2013
Work Order: 1302668

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **2MW-19D 19764**
 Matrix **Groundwater**
 SAL Sample Number **1302668-03**
 Date/Time Collected **03/06/13 11:33**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/08/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 13:18	1
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		03/14/13 13:18	1
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 13:18	1
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/14/13 13:18	1
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 13:18	1
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 13:18	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		03/14/13 13:18	1
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 13:18	1
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 13:18	1
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/14/13 13:18	1
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/14/13 13:18	1
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/14/13 13:18	1
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 13:18	1
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 13:18	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	99 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	101 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	98 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	102 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/11/13 13:49	03/12/13 06:07	1
1,2-Dibromoethane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/11/13 13:49	03/12/13 06:07	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	108 %	Limits		85-123			

Metals

Antimony	ug/L	0.071 U	EPA 6020	0.50	0.071	03/19/13 15:29	03/20/13 11:12	1
Arsenic	ug/L	0.93 U	EPA 6020	5.0	0.93	03/16/13 12:40	03/18/13 14:12	1
Barium	ug/L	9.6	EPA 6020	0.50	0.18	03/16/13 12:40	03/18/13 14:12	1
Beryllium	ug/L	0.15 I	EPA 6010	1.0	0.096	03/12/13 12:06	03/20/13 18:32	1
Cadmium	ug/L	0.27 U	EPA 6020	0.50	0.27	03/16/13 12:40	03/18/13 14:12	1
Chromium	ug/L	0.51 I	EPA 6020	5.0	0.35	03/16/13 12:40	03/18/13 14:12	1
Cobalt	ug/L	10 U	EPA 6010	100	10	03/12/13 12:06	03/20/13 18:32	1
Copper	ug/L	0.13 U	EPA 6020	0.50	0.13	03/16/13 12:40	03/18/13 14:12	1
Lead	ug/L	0.25 U	EPA 6020	0.50	0.25	03/16/13 12:40	03/18/13 14:12	1
Nickel	ug/L	2.7 I	EPA 6020	5.0	0.46	03/16/13 12:40	03/18/13 14:12	1
Selenium	ug/L	0.93 U	EPA 6020	5.0	0.93	03/19/13 15:29	03/19/13 17:00	1

Pasco County Environmental Laboratory**8864 Government Drive****New Port Richey, FL 34654****March 21, 2013****Work Order: 1302668****Laboratory Report****Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description **2MW-19D 19764**
Matrix **Groundwater**
SAL Sample Number **1302668-03**
Date/Time Collected **03/06/13 11:33**
Collected by **Wilfred Martfeld**
Date/Time Received **03/08/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 U	EPA 6010	20	1.1	03/12/13 12:06	03/20/13 18:32	1
Thallium	ug/L	0.24 U	EPA 6020	0.50	0.24	03/16/13 12:40	03/18/13 14:12	1
Vanadium	ug/L	7.8 U	EPA 6010	10	7.8	03/12/13 12:06	03/20/13 18:32	1
Zinc	ug/L	1.3 I	EPA 6020	5.0	0.88	03/16/13 12:40	03/18/13 14:12	1

Pasco County Environmental Laboratory
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New Port Richey, FL 34654

March 21, 2013
Work Order: 1302668

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY
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Sample Description	4MW-11D 2510
Matrix	Groundwater
SAL Sample Number	1302668-04
Date/Time Collected	03/06/13 12:54
Collected by	Wilfred Martfeld
Date/Time Received	03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:23	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:23	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:23	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:23	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:23	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:23	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 14:23	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 14:23	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 14:23	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:23	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:23	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 14:23	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/14/13 14:23	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/14/13 14:23	1
Acetone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 14:23	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/14/13 14:23	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 14:23	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 14:23	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:23	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:23	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 14:23	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:23	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:23	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 14:23	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 14:23	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:23	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 14:23	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 14:23	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:23	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 14:23	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:23	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/14/13 14:23	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:23	1

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March 21, 2013
Work Order: 1302668

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY
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Sample Description	4MW-11D 2510
Matrix	Groundwater
SAL Sample Number	1302668-04
Date/Time Collected	03/06/13 12:54
Collected by	Wilfred Martfeld
Date/Time Received	03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 14:23	1
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		03/14/13 14:23	1
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 14:23	1
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/14/13 14:23	1
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 14:23	1
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 14:23	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		03/14/13 14:23	1
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 14:23	1
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 14:23	1
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/14/13 14:23	1
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/14/13 14:23	1
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/14/13 14:23	1
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 14:23	1
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 14:23	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	99 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	99 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	98 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	99 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/11/13 13:49	03/12/13 06:29	1
1,2-Dibromoethane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/11/13 13:49	03/12/13 06:29	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	110 %	Limits		85-123			

Metals

Antimony	ug/L	0.071 U	EPA 6020	0.50	0.071	03/19/13 15:29	03/20/13 11:15	1
Arsenic	ug/L	0.93 U	EPA 6020	5.0	0.93	03/16/13 12:40	03/18/13 14:19	1
Barium	ug/L	5.6	EPA 6020	0.50	0.18	03/16/13 12:40	03/18/13 14:19	1
Beryllium	ug/L	0.098 I	EPA 6010	1.0	0.096	03/12/13 12:06	03/20/13 18:45	1
Cadmium	ug/L	0.27 U	EPA 6020	0.50	0.27	03/16/13 12:40	03/18/13 14:19	1
Chromium	ug/L	0.61 I	EPA 6020	5.0	0.35	03/16/13 12:40	03/18/13 14:19	1
Cobalt	ug/L	10 U	EPA 6010	100	10	03/12/13 12:06	03/20/13 18:45	1
Copper	ug/L	0.13 U	EPA 6020	0.50	0.13	03/16/13 12:40	03/18/13 14:19	1
Lead	ug/L	0.25 U	EPA 6020	0.50	0.25	03/16/13 12:40	03/18/13 14:19	1
Nickel	ug/L	1.4 I	EPA 6020	5.0	0.46	03/16/13 12:40	03/18/13 14:19	1
Selenium	ug/L	0.93 U	EPA 6020	5.0	0.93	03/19/13 15:29	03/19/13 17:03	1

Pasco County Environmental Laboratory**8864 Government Drive****New Port Richey, FL 34654****March 21, 2013****Work Order: 1302668****Laboratory Report****Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description **4MW-11D 2510**
Matrix **Groundwater**
SAL Sample Number **1302668-04**
Date/Time Collected **03/06/13 12:54**
Collected by **Wilfred Martfeld**
Date/Time Received **03/08/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 U	EPA 6010	20	1.1	03/12/13 12:06	03/20/13 18:45	1
Thallium	ug/L	0.24 U	EPA 6020	0.50	0.24	03/16/13 12:40	03/18/13 14:19	1
Vanadium	ug/L	7.8 U	EPA 6010	10	7.8	03/12/13 12:06	03/20/13 18:45	1
Zinc	ug/L	1.3 I	EPA 6020	5.0	0.88	03/16/13 12:40	03/18/13 14:19	1

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Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY
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Sample Description	4MW-12D 2511
Matrix	Groundwater
SAL Sample Number	1302668-05
Date/Time Collected	03/06/13 14:26
Collected by	Wilfred Martfeld
Date/Time Received	03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:56	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:56	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:56	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:56	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:56	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:56	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 14:56	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 14:56	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 14:56	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:56	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:56	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 14:56	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/14/13 14:56	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/14/13 14:56	1
Acetone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 14:56	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/14/13 14:56	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 14:56	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 14:56	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:56	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:56	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 14:56	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:56	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:56	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 14:56	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 14:56	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:56	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 14:56	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 14:56	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:56	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 14:56	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:56	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/14/13 14:56	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 14:56	1

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Work Order: 1302668

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY
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Sample Description	4MW-12D 2511
Matrix	Groundwater
SAL Sample Number	1302668-05
Date/Time Collected	03/06/13 14:26
Collected by	Wilfred Martfeld
Date/Time Received	03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 14:56	1
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		03/14/13 14:56	1
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 14:56	1
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/14/13 14:56	1
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 14:56	1
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 14:56	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		03/14/13 14:56	1
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 14:56	1
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 14:56	1
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/14/13 14:56	1
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/14/13 14:56	1
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/14/13 14:56	1
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 14:56	1
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 14:56	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	100 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	99 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	101 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	100 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/11/13 13:49	03/12/13 06:50	1
1,2-Dibromoethane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/11/13 13:49	03/12/13 06:50	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	107 %	Limits		85-123			

Metals

Antimony	ug/L	0.071 U	EPA 6020	0.50	0.071	03/19/13 15:29	03/20/13 11:18	1
Arsenic	ug/L	0.93 U	EPA 6020	5.0	0.93	03/16/13 12:40	03/18/13 14:26	1
Barium	ug/L	7.1	EPA 6020	0.50	0.18	03/16/13 12:40	03/18/13 14:26	1
Beryllium	ug/L	0.15 I	EPA 6010	1.0	0.096	03/12/13 12:06	03/20/13 18:48	1
Cadmium	ug/L	0.27 U	EPA 6020	0.50	0.27	03/16/13 12:40	03/18/13 14:26	1
Chromium	ug/L	0.58 I	EPA 6020	5.0	0.35	03/16/13 12:40	03/18/13 14:26	1
Cobalt	ug/L	10 U	EPA 6010	100	10	03/12/13 12:06	03/20/13 18:48	1
Copper	ug/L	0.13 U	EPA 6020	0.50	0.13	03/16/13 12:40	03/18/13 14:26	1
Lead	ug/L	0.25 U	EPA 6020	0.50	0.25	03/16/13 12:40	03/18/13 14:26	1
Nickel	ug/L	1.8 I	EPA 6020	5.0	0.46	03/16/13 12:40	03/18/13 14:26	1
Selenium	ug/L	0.93 U	EPA 6020	5.0	0.93	03/19/13 15:29	03/19/13 17:06	1

Pasco County Environmental Laboratory**8864 Government Drive****New Port Richey, FL 34654****March 21, 2013****Work Order: 1302668****Laboratory Report****Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description **4MW-12D 2511**
Matrix **Groundwater**
SAL Sample Number **1302668-05**
Date/Time Collected **03/06/13 14:26**
Collected by **Wilfred Martfeld**
Date/Time Received **03/08/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 U	EPA 6010	20	1.1	03/12/13 12:06	03/20/13 18:48	1
Thallium	ug/L	0.24 U	EPA 6020	0.50	0.24	03/16/13 12:40	03/18/13 14:26	1
Vanadium	ug/L	7.8 U	EPA 6010	10	7.8	03/12/13 12:06	03/20/13 18:48	1
Zinc	ug/L	1.0 I	EPA 6020	5.0	0.88	03/16/13 12:40	03/18/13 14:26	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 21, 2013
Work Order: 1302668

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY
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Sample Description	4MW-13D 19214
Matrix	Groundwater
SAL Sample Number	1302668-06
Date/Time Collected	03/06/13 15:10
Collected by	Wilfred Martfeld
Date/Time Received	03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 15:29	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 15:29	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 15:29	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 15:29	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 15:29	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 15:29	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 15:29	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 15:29	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 15:29	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 15:29	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 15:29	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 15:29	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/14/13 15:29	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/14/13 15:29	1
Acetone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 15:29	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/14/13 15:29	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 15:29	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 15:29	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 15:29	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 15:29	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 15:29	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 15:29	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 15:29	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 15:29	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 15:29	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 15:29	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 15:29	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 15:29	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 15:29	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 15:29	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 15:29	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/14/13 15:29	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 15:29	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 21, 2013
Work Order: 1302668

Laboratory Report

Project Name		PASCO COUNTY RESOURCE RECOVERY						
Sample Description		4MW-13D 19214						
Matrix		Groundwater						
SAL Sample Number		1302668-06						
Date/Time Collected		03/06/13 15:10						
Collected by		Wilfred Martfeld						
Date/Time Received		03/08/13 13:00						
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 15:29	1
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		03/14/13 15:29	1
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 15:29	1
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/14/13 15:29	1
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 15:29	1
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 15:29	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		03/14/13 15:29	1
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 15:29	1
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 15:29	1
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/14/13 15:29	1
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/14/13 15:29	1
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/14/13 15:29	1
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 15:29	1
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 15:29	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4		102 %	Limits	65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene		98 %	Limits	65-135			
Surrogate for EPA 8260	Dibromofluoromethane		100 %	Limits	65-135			
Surrogate for EPA 8260	Toluene-d8		99 %	Limits	65-135			
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/11/13 13:49	03/12/13 07:12	1
1,2-Dibromoethane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/11/13 13:49	03/12/13 07:12	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane		115 %	Limits	85-123			
Metals								
Antimony	ug/L	0.071 U	EPA 6020	0.50	0.071	03/19/13 15:29	03/20/13 11:20	1
Arsenic	ug/L	0.93 U	EPA 6020	5.0	0.93	03/16/13 12:40	03/18/13 14:32	1
Barium	ug/L	9.1	EPA 6020	0.50	0.18	03/16/13 12:40	03/18/13 14:32	1
Beryllium	ug/L	0.096 U	EPA 6010	1.0	0.096	03/12/13 12:06	03/20/13 18:52	1
Cadmium	ug/L	0.27 U	EPA 6020	0.50	0.27	03/16/13 12:40	03/18/13 14:32	1
Chromium	ug/L	0.80 I	EPA 6020	5.0	0.35	03/16/13 12:40	03/18/13 14:32	1
Cobalt	ug/L	10 U	EPA 6010	100	10	03/12/13 12:06	03/20/13 18:52	1
Copper	ug/L	0.13 U	EPA 6020	0.50	0.13	03/16/13 12:40	03/18/13 14:32	1
Lead	ug/L	0.25 U	EPA 6020	0.50	0.25	03/16/13 12:40	03/18/13 14:32	1
Nickel	ug/L	2.6 I	EPA 6020	5.0	0.46	03/16/13 12:40	03/18/13 14:32	1
Selenium	ug/L	0.93 U	EPA 6020	5.0	0.93	03/19/13 15:29	03/19/13 17:08	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 21, 2013
Work Order: 1302668

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **4MW-13D 19214**
Matrix **Groundwater**
SAL Sample Number **1302668-06**
Date/Time Collected **03/06/13 15:10**
Collected by **Wilfred Martfeld**
Date/Time Received **03/08/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 U	EPA 6010	20	1.1	03/12/13 12:06	03/20/13 18:52	1
Thallium	ug/L	0.24 U	EPA 6020	0.50	0.24	03/16/13 12:40	03/18/13 14:32	1
Vanadium	ug/L	7.8 U	EPA 6010	10	7.8	03/12/13 12:06	03/20/13 18:52	1
Zinc	ug/L	2.5 I	EPA 6020	5.0	0.88	03/16/13 12:40	03/18/13 14:32	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 21, 2013
Work Order: 1302668

*** Qualifiers, Notes and Definitions**

Results followed by a "U" indicate that the sample was analyzed but the compound was not detected. Results followed by "I" indicate that the reported value is between the laboratory method detection limits and the laboratory practical quantitation limit.

A statement of estimated uncertainty of test results is available upon request.

For methods marked with **, all QC criteria have been met for this method which is equivalent to a SAL certified method.

Test results in this report meet all the requirements of the NELAC standards. Any applicable qualifiers are shown below.

Questions regarding this report should be directed to :

Christy Whitehurst

Telephone (813) 855-1844 FAX (813) 855-2218

Christy@southernanalyticallabs.com

or to Client Services (clientservices@southernanalyticallabs.com).



SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218

SAL Project No. **1302668**

Client Name		Pasco Co Utilities		Contact / Phone:		Candia Mulhern 727-847-8902							
Project Name / Location		Appendix I Analyses		PARAMETER / CONTAINER DESCRIPTION									
45799 Resource Recovery													
Samplers: (Signature)													
Matrix Codes:													
DW-Drinking Water WW-Wastewater													
SW-Surface Water SL-Sludge SO-Soil													
GW-Groundwater SA-Saline Water O-Other													
R-Reagent Water													
SAL Use Only	Sample No.	Sample Description	Date	Time	Matrix	Composite	250 mL P, HNO3 * Ag, As, Ba, Be, Cd, Cr, Co, Cu, Ni, Pb, Sb, Se, Ti, V, Zn	40 mL Vials, HCl	40 mL Vials, Cool 8011 Organics ** (DBCP, EDB only)	Seal intact?	Y	N	Instructions / Remarks
	01	2 MW-17S	3/6/13	0931	GW	X	1	3	3				
	02	Trip Blank			R	X		1					
	03	2 MW-18D	3/6/13	1028	GW	X	1	3	3				
	04	Trip Blank			R	X		1					
	05	2 MW-19D	3/6/13	1133	GW	X	1	3	3				
	06	Trip Blank			R	X		1					
	07	4 MW-11D	3/6/13	1254	GW	X	1	3	3				
	08	Trip Blank			R	X		1					
	09	4 MW-12D	3/6/13	1426	GW	X	1	3	3				
	10	Trip Blank			R	X		1					
	11	4 MW-13D	3/6/13	1510	GW	X	1	3	3				
	12	Trip Blank			R	X		1					
Containers Prepared		Date/Time: 2-14-13 14:45	Received:			Date/Time: 3/6/13							
Relinquished:		Date/Time: 3/6/13 1545	Received:			Date/Time: 03/06/13 @ 1545							
Relinquished:		Date/Time: 3/6/13 1122	Received:			Date/Time: 3-8-13 1300							
Relinquished:		Date/Time: 3-8-13 1300	Received:			Date/Time: 3-8-13							
Relinquished:		Date/Time: 3-8-13	Received:			Date/Time: 3-8-13							

Chain of Custody: 45
Rev Date 11/15/01

Chain of Custody

Pasco County Environmental Laboratory**8864 Government Drive****New Port Richey, FL 34654****March 19, 2013****Work Order: 1302664****Laboratory Report****Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description **4MW-1 2386**
Matrix **Groundwater**
SAL Sample Number **1302664-01**
Date/Time Collected **03/07/13 09:43**
Collected by **Wilfred Martfeld**
Date/Time Received **03/08/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.060	EPA 350.1	0.040	0.009		03/18/13 12:35	1

Pasco County Environmental Laboratory
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March 19, 2013
Work Order: 1302664

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description 2MW-15AD 19766
Matrix Groundwater
SAL Sample Number 1302664-02
Date/Time Collected 03/07/13 10:16
Collected by Wilfred Martfeld
Date/Time Received 03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
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Inorganics

Ammonia as N	mg/L	0.11	EPA 350.1	0.040	0.009		03/18/13 12:37	1
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Pasco County Environmental Laboratory
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New Port Richey, FL 34654

March 19, 2013
Work Order: 1302664

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description 4MW-14D 2512
Matrix Groundwater
SAL Sample Number 1302664-03
Date/Time Collected 03/07/13 11:53
Collected by Wilfred Martfeld
Date/Time Received 03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.009 u	EPA 350.1	0.040	0.009		03/18/13 12:39	1

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New Port Richey, FL 34654

March 19, 2013
Work Order: 1302664

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description 2MW-24D 23444
Matrix Groundwater
SAL Sample Number 1302664-04
Date/Time Collected 03/07/13 12:37
Collected by Wilfred Martfeld
Date/Time Received 03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.022 I	EPA 350.1	0.040	0.009		03/18/13 12:41	1

Pasco County Environmental Laboratory
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New Port Richey, FL 34654

March 19, 2013
Work Order: 1302664

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description 2MW-25D 23446
Matrix Groundwater
SAL Sample Number 1302664-05
Date/Time Collected 03/07/13 13:28
Collected by Wilfred Martfeld
Date/Time Received 03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.015 I	EPA 350.1	0.040	0.009		03/18/13 12:43	1

Pasco County Environmental Laboratory

8864 Government Drive

New Port Richey, FL 34654

March 19, 2013

Work Order: 1302664

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description 2MW-26D 23448
Matrix Groundwater
SAL Sample Number 1302664-06
Date/Time Collected 03/07/13 14:55
Collected by Wilfred Martfeld
Date/Time Received 03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
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Inorganics

Ammonia as N	mg/L	0.019 I	EPA 350.1	0.040	0.009		03/18/13 12:45	1
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Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 19, 2013
Work Order: 1302664

*** Qualifiers, Notes and Definitions**

Results followed by a "U" indicate that the sample was analyzed but the compound was not detected. Results followed by "I" indicate that the reported value is between the laboratory method detection limits and the laboratory practical quantitation limit.

A statement of estimated uncertainty of test results is available upon request.

For methods marked with **, all QC criteria have been met for this method which is equivalent to a SAL certified method.

Test results in this report meet all the requirements of the NELAC standards. Any applicable qualifiers are shown below.

Questions regarding this report should be directed to :

Christy Whitehurst

Telephone (813) 855-1844 FAX (813) 855-2218

Christy@southernanalyticallabs.com

or to Client Services (clientservices@southernanalyticallabs.com).



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 25, 2013
Work Order: 1302669

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **4MW-1 2386**
 Matrix **Groundwater**
 SAL Sample Number **1302669-01**
 Date/Time Collected **03/07/13 09:43**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/08/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:02	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:02	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:02	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:02	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:02	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:02	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 16:02	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 16:02	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 16:02	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:02	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:02	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 16:02	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/14/13 16:02	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/14/13 16:02	1
Acetone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 16:02	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/14/13 16:02	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 16:02	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 16:02	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:02	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:02	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 16:02	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:02	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:02	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 16:02	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 16:02	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:02	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 16:02	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 16:02	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:02	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 16:02	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:02	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/14/13 16:02	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:02	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 25, 2013
Work Order: 1302669

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **4MW-1 2386**
 Matrix **Groundwater**
 SAL Sample Number **1302669-01**
 Date/Time Collected **03/07/13 09:43**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/08/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:02	1
Styrene	ug/L	0.05 u	EPA 8260	0.8	0.05		03/14/13 16:02	1
Tetrachloroethene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 16:02	1
Toluene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 16:02	1
trans-1,2-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:02	1
trans-1,3-Dichloropropene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 16:02	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 u	EPA 8260	0.8	0.3		03/14/13 16:02	1
Trichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:02	1
Trichlorofluoromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:02	1
Vinyl acetate	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 16:02	1
Vinyl chloride	ug/L	0.3 u	EPA 8260	1.6	0.3		03/14/13 16:02	1
Xylene-m,p	ug/L	0.2 u	EPA 8260	1.6	0.2		03/14/13 16:02	1
Xylene-o	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:02	1
Xylenes- Total	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 16:02	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	99 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	100 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	98 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	100 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0054 u	EPA 8011	0.022	0.0054	03/11/13 13:49	03/12/13 07:34	1
1,2-Dibromoethane	ug/L	0.0054 u	EPA 8011	0.022	0.0054	03/11/13 13:49	03/12/13 07:34	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	114 %	Limits		85-123			

Metals

Antimony	ug/L	0.071 u	EPA 6020	0.50	0.071	03/19/13 15:29	03/20/13 11:23	1
Arsenic	ug/L	0.93 u	EPA 6020	5.0	0.93	03/16/13 12:40	03/18/13 14:38	1
Barium	ug/L	21	EPA 6020	0.50	0.18	03/16/13 12:40	03/18/13 14:38	1
Beryllium	ug/L	0.096 u	EPA 6010	1.0	0.096	03/12/13 15:12	03/21/13 18:29	1
Cadmium	ug/L	0.27 u	EPA 6020	0.50	0.27	03/16/13 12:40	03/18/13 14:38	1
Chromium	ug/L	0.49 l	EPA 6020	5.0	0.35	03/16/13 12:40	03/18/13 14:38	1
Cobalt	ug/L	10 u	EPA 6010	100	10	03/12/13 15:12	03/21/13 18:29	1
Copper	ug/L	0.13 u	EPA 6020	0.50	0.13	03/16/13 12:40	03/18/13 14:38	1
Lead	ug/L	0.25 u	EPA 6020	0.50	0.25	03/16/13 12:40	03/18/13 14:38	1
Nickel	ug/L	4.5 l	EPA 6020	5.0	0.46	03/16/13 12:40	03/18/13 14:38	1
Selenium	ug/L	1.1 l	EPA 6020	5.0	0.93	03/19/13 15:29	03/19/13 17:11	1

Pasco County Environmental Laboratory**8864 Government Drive****New Port Richey, FL 34654****March 25, 2013****Work Order: 1302669****Laboratory Report****Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description **4MW-1 2386**
Matrix **Groundwater**
SAL Sample Number **1302669-01**
Date/Time Collected **03/07/13 09:43**
Collected by **Wilfred Martfeld**
Date/Time Received **03/08/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 U	EPA 6010	20	1.1	03/12/13 15:12	03/21/13 18:29	1
Thallium	ug/L	0.24 U	EPA 6020	0.50	0.24	03/16/13 12:40	03/18/13 14:38	1
Vanadium	ug/L	7.8 U	EPA 6010	10	7.8	03/12/13 15:12	03/21/13 18:29	1
Zinc	ug/L	1.4 I	EPA 6020	5.0	0.88	03/16/13 12:40	03/18/13 14:38	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 25, 2013
Work Order: 1302669

Laboratory Report

Project Name		PASCO COUNTY RESOURCE RECOVERY						
Sample Description		2MW-15AD 19766						
Matrix		Groundwater						
SAL Sample Number		1302669-02						
Date/Time Collected		03/07/13 10:16						
Collected by		Wilfred Martfeld						
Date/Time Received		03/08/13 13:00						
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:35	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:35	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:35	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:35	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:35	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:35	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 16:35	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 16:35	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 16:35	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:35	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:35	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 16:35	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/14/13 16:35	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/14/13 16:35	1
Acetone	ug/L	11	EPA 8260	4.0	2.0		03/14/13 16:35	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/14/13 16:35	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 16:35	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 16:35	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:35	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:35	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 16:35	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:35	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:35	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 16:35	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 16:35	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:35	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 16:35	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 16:35	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:35	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 16:35	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:35	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/14/13 16:35	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:35	1

Pasco County Environmental Laboratory

8864 Government Drive

New Port Richey, FL 34654

March 25, 2013

Work Order: 1302669

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description 2MW-15AD 19766
 Matrix Groundwater
 SAL Sample Number 1302669-02
 Date/Time Collected 03/07/13 10:16
 Collected by Wilfred Martfeld
 Date/Time Received 03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:35	1
Styrene	ug/L	0.05 u	EPA 8260	0.8	0.05		03/14/13 16:35	1
Tetrachloroethene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 16:35	1
Toluene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 16:35	1
trans-1,2-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:35	1
trans-1,3-Dichloropropene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 16:35	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 u	EPA 8260	0.8	0.3		03/14/13 16:35	1
Trichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:35	1
Trichlorofluoromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:35	1
Vinyl acetate	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 16:35	1
Vinyl chloride	ug/L	0.3 u	EPA 8260	1.6	0.3		03/14/13 16:35	1
Xylene-m,p	ug/L	0.2 u	EPA 8260	1.6	0.2		03/14/13 16:35	1
Xylene-o	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 16:35	1
Xylenes- Total	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 16:35	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	100 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	102 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	100 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	101 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0054 u	EPA 8011	0.022	0.0054	03/11/13 13:49	03/12/13 07:56	1
1,2-Dibromoethane	ug/L	0.0054 u	EPA 8011	0.022	0.0054	03/11/13 13:49	03/12/13 07:56	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	120 %	Limits		85-123			

Metals

Antimony	ug/L	6.1	EPA 6020	0.50	0.071	03/19/13 15:29	03/20/13 11:26	1
Arsenic	ug/L	0.93 u	EPA 6020	5.0	0.93	03/16/13 12:40	03/18/13 14:45	1
Barium	ug/L	10	EPA 6020	0.50	0.18	03/16/13 12:40	03/18/13 14:45	1
Beryllium	ug/L	0.096 u	EPA 6010	1.0	0.096	03/12/13 15:12	03/21/13 18:39	1
Cadmium	ug/L	0.27 u	EPA 6020	0.50	0.27	03/16/13 12:40	03/18/13 14:45	1
Chromium	ug/L	0.78 i	EPA 6020	5.0	0.35	03/16/13 12:40	03/18/13 14:45	1
Cobalt	ug/L	10 u	EPA 6010	100	10	03/12/13 15:12	03/21/13 18:39	1
Copper	ug/L	0.13 u	EPA 6020	0.50	0.13	03/16/13 12:40	03/18/13 14:45	1
Lead	ug/L	0.25 u	EPA 6020	0.50	0.25	03/16/13 12:40	03/18/13 14:45	1
Nickel	ug/L	1.4 i	EPA 6020	5.0	0.46	03/16/13 12:40	03/18/13 14:45	1
Selenium	ug/L	0.93 u	EPA 6020	5.0	0.93	03/19/13 15:29	03/19/13 17:14	1

Pasco County Environmental Laboratory**8864 Government Drive****New Port Richey, FL 34654****March 25, 2013****Work Order: 1302669****Laboratory Report****Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description **2MW-15AD 19766**
Matrix **Groundwater**
SAL Sample Number **1302669-02**
Date/Time Collected **03/07/13 10:16**
Collected by **Wilfred Martfeld**
Date/Time Received **03/08/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 U	EPA 6010	20	1.1	03/12/13 15:12	03/21/13 18:39	1
Thallium	ug/L	0.24 U	EPA 6020	0.50	0.24	03/16/13 12:40	03/18/13 14:45	1
Vanadium	ug/L	7.9 I	EPA 6010	10	7.8	03/12/13 15:12	03/21/13 18:39	1
Zinc	ug/L	2.5 I	EPA 6020	5.0	0.88	03/16/13 12:40	03/18/13 14:45	1

Pasco County Environmental Laboratory
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New Port Richey, FL 34654

March 25, 2013
Work Order: 1302669

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY
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Sample Description	4MW-14D 2512
Matrix	Groundwater
SAL Sample Number	1302669-03
Date/Time Collected	03/07/13 11:53
Collected by	Wilfred Martfeld
Date/Time Received	03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 17:41	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 17:41	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 17:41	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 17:41	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 17:41	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 17:41	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 17:41	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 17:41	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 17:41	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 17:41	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 17:41	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 17:41	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/14/13 17:41	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/14/13 17:41	1
Acetone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 17:41	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/14/13 17:41	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 17:41	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 17:41	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 17:41	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 17:41	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 17:41	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 17:41	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 17:41	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 17:41	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 17:41	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 17:41	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 17:41	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 17:41	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 17:41	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 17:41	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 17:41	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/14/13 17:41	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 17:41	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 25, 2013
Work Order: 1302669

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **4MW-14D 2512**
 Matrix **Groundwater**
 SAL Sample Number **1302669-03**
 Date/Time Collected **03/07/13 11:53**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/08/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 17:41	1
Styrene	ug/L	0.05 u	EPA 8260	0.8	0.05		03/14/13 17:41	1
Tetrachloroethene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 17:41	1
Toluene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 17:41	1
trans-1,2-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 17:41	1
trans-1,3-Dichloropropene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 17:41	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 u	EPA 8260	0.8	0.3		03/14/13 17:41	1
Trichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 17:41	1
Trichlorofluoromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 17:41	1
Vinyl acetate	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 17:41	1
Vinyl chloride	ug/L	0.3 u	EPA 8260	1.6	0.3		03/14/13 17:41	1
Xylene-m,p	ug/L	0.2 u	EPA 8260	1.6	0.2		03/14/13 17:41	1
Xylene-o	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 17:41	1
Xylenes- Total	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 17:41	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	99 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	100 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	101 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	102 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0051 u	EPA 8011	0.020	0.0051	03/14/13 11:44	03/15/13 01:21	1
1,2-Dibromoethane	ug/L	0.0051 u	EPA 8011	0.020	0.0051	03/14/13 11:44	03/15/13 01:21	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	105 %	Limits		85-123			

Metals

Antimony	ug/L	0.071 u	EPA 6020	0.50	0.071	03/19/13 15:29	03/20/13 12:50	1
Arsenic	ug/L	0.93 u	EPA 6020	5.0	0.93	03/16/13 12:40	03/18/13 14:51	1
Barium	ug/L	9.9	EPA 6020	0.50	0.18	03/16/13 12:40	03/18/13 14:51	1
Beryllium	ug/L	0.096 u	EPA 6010	1.0	0.096	03/12/13 15:12	03/21/13 18:43	1
Cadmium	ug/L	0.27 u	EPA 6020	0.50	0.27	03/16/13 12:40	03/18/13 14:51	1
Chromium	ug/L	1.0 l	EPA 6020	5.0	0.35	03/16/13 12:40	03/18/13 14:51	1
Cobalt	ug/L	10 u	EPA 6010	100	10	03/12/13 15:12	03/21/13 18:43	1
Copper	ug/L	0.13 u	EPA 6020	0.50	0.13	03/16/13 12:40	03/18/13 14:51	1
Lead	ug/L	0.25 u	EPA 6020	0.50	0.25	03/16/13 12:40	03/18/13 14:51	1
Nickel	ug/L	3.3 l	EPA 6020	5.0	0.46	03/16/13 12:40	03/18/13 14:51	1
Selenium	ug/L	1.3 l	EPA 6020	5.0	0.93	03/19/13 15:29	03/19/13 17:16	1

Pasco County Environmental Laboratory**8864 Government Drive****New Port Richey, FL 34654****March 25, 2013****Work Order: 1302669****Laboratory Report****Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description **4MW-14D 2512**
Matrix **Groundwater**
SAL Sample Number **1302669-03**
Date/Time Collected **03/07/13 11:53**
Collected by **Wilfred Martfeld**
Date/Time Received **03/08/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 U	EPA 6010	20	1.1	03/12/13 15:12	03/21/13 18:43	1
Thallium	ug/L	0.24 U	EPA 6020	0.50	0.24	03/16/13 12:40	03/18/13 14:51	1
Vanadium	ug/L	7.8 U	EPA 6010	10	7.8	03/12/13 15:12	03/21/13 18:43	1
Zinc	ug/L	1.4 I	EPA 6020	5.0	0.88	03/16/13 12:40	03/18/13 14:51	1

Pasco County Environmental Laboratory
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New Port Richey, FL 34654

March 25, 2013
Work Order: 1302669

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY
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Sample Description	2MW-24D 23444
Matrix	Groundwater
SAL Sample Number	1302669-04
Date/Time Collected	03/07/13 12:37
Collected by	Wilfred Martfeld
Date/Time Received	03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:13	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:13	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:13	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:13	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:13	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:13	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 18:13	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 18:13	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 18:13	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:13	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:13	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 18:13	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/14/13 18:13	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/14/13 18:13	1
Acetone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 18:13	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/14/13 18:13	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 18:13	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 18:13	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:13	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:13	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 18:13	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:13	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:13	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 18:13	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 18:13	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:13	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 18:13	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 18:13	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:13	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 18:13	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:13	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/14/13 18:13	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:13	1

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Work Order: 1302669

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY
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Sample Description	2MW-24D 23444
Matrix	Groundwater
SAL Sample Number	1302669-04
Date/Time Collected	03/07/13 12:37
Collected by	Wilfred Martfeld
Date/Time Received	03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 18:13	1
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		03/14/13 18:13	1
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 18:13	1
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/14/13 18:13	1
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 18:13	1
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 18:13	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		03/14/13 18:13	1
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 18:13	1
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 18:13	1
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/14/13 18:13	1
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/14/13 18:13	1
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/14/13 18:13	1
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 18:13	1
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 18:13	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	100 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	101 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	100 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	101 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/11/13 13:49	03/12/13 08:39	1
1,2-Dibromoethane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/11/13 13:49	03/12/13 08:39	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	116 %	Limits		85-123			

Metals

Antimony	ug/L	0.16 I	EPA 6020	0.50	0.071	03/19/13 15:29	03/20/13 13:02	1
Arsenic	ug/L	0.93 U	EPA 6020	5.0	0.93	03/16/13 12:40	03/18/13 15:10	1
Barium	ug/L	14	EPA 6020	0.50	0.18	03/16/13 12:40	03/18/13 15:10	1
Beryllium	ug/L	0.096 U	EPA 6010	1.0	0.096	03/12/13 15:12	03/21/13 18:46	1
Cadmium	ug/L	0.27 U	EPA 6020	0.50	0.27	03/16/13 12:40	03/18/13 15:10	1
Chromium	ug/L	0.66 I	EPA 6020	5.0	0.35	03/16/13 12:40	03/18/13 15:10	1
Cobalt	ug/L	10 U	EPA 6010	100	10	03/12/13 15:12	03/21/13 18:46	1
Copper	ug/L	0.13 U	EPA 6020	0.50	0.13	03/16/13 12:40	03/18/13 15:10	1
Lead	ug/L	0.25 U	EPA 6020	0.50	0.25	03/16/13 12:40	03/18/13 15:10	1
Nickel	ug/L	2.9 I	EPA 6020	5.0	0.46	03/16/13 12:40	03/18/13 15:10	1
Selenium	ug/L	1.2 I	EPA 6020	5.0	0.93	03/19/13 15:29	03/19/13 17:29	1

Pasco County Environmental Laboratory**8864 Government Drive****New Port Richey, FL 34654****March 25, 2013****Work Order: 1302669****Laboratory Report****Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description **2MW-24D 23444**
Matrix **Groundwater**
SAL Sample Number **1302669-04**
Date/Time Collected **03/07/13 12:37**
Collected by **Wilfred Martfeld**
Date/Time Received **03/08/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 u	EPA 6010	20	1.1	03/12/13 15:12	03/21/13 18:46	1
Thallium	ug/L	0.24 u	EPA 6020	0.50	0.24	03/16/13 12:40	03/18/13 15:10	1
Vanadium	ug/L	7.8 u	EPA 6010	10	7.8	03/12/13 15:12	03/21/13 18:46	1
Zinc	ug/L	2.0 l	EPA 6020	5.0	0.88	03/16/13 12:40	03/18/13 15:10	1

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Work Order: 1302669

Laboratory Report

Project Name		PASCO COUNTY RESOURCE RECOVERY						
Sample Description		2MW-25D 23446						
Matrix		Groundwater						
SAL Sample Number		1302669-05						
Date/Time Collected		03/07/13 13:28						
Collected by		Wilfred Martfeld						
Date/Time Received		03/08/13 13:00						
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:46	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:46	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:46	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:46	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:46	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:46	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 18:46	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 18:46	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 18:46	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:46	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:46	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 18:46	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/14/13 18:46	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/14/13 18:46	1
Acetone	ug/L	2.9 u	EPA 8260	4.0	2.0		03/14/13 18:46	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/14/13 18:46	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 18:46	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 18:46	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:46	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:46	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 18:46	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:46	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:46	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 18:46	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 18:46	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:46	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 18:46	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 18:46	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:46	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 18:46	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:46	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/14/13 18:46	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 18:46	1

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New Port Richey, FL 34654

March 25, 2013
Work Order: 1302669

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **2MW-25D 23446**
 Matrix **Groundwater**
 SAL Sample Number **1302669-05**
 Date/Time Collected **03/07/13 13:28**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/08/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 18:46	1
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		03/14/13 18:46	1
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 18:46	1
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/14/13 18:46	1
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 18:46	1
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 18:46	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		03/14/13 18:46	1
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 18:46	1
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 18:46	1
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/14/13 18:46	1
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/14/13 18:46	1
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/14/13 18:46	1
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 18:46	1
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 18:46	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	99 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	100 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	103 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	100 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0054 U	EPA 8011	0.021	0.0054	03/11/13 13:49	03/12/13 09:01	1
1,2-Dibromoethane	ug/L	0.0054 U	EPA 8011	0.021	0.0054	03/11/13 13:49	03/12/13 09:01	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	116 %	Limits		85-123			

Metals

Antimony	ug/L	0.071 U	EPA 6020	0.50	0.071	03/19/13 15:29	03/20/13 13:05	1
Arsenic	ug/L	1.6 I	EPA 6020	5.0	0.93	03/16/13 12:40	03/18/13 15:17	1
Barium	ug/L	25	EPA 6020	0.50	0.18	03/16/13 12:40	03/18/13 15:17	1
Beryllium	ug/L	0.096 U	EPA 6010	1.0	0.096	03/12/13 15:12	03/21/13 18:50	1
Cadmium	ug/L	0.27 U	EPA 6020	0.50	0.27	03/16/13 12:40	03/18/13 15:17	1
Chromium	ug/L	0.64 I	EPA 6020	5.0	0.35	03/16/13 12:40	03/18/13 15:17	1
Cobalt	ug/L	10 U	EPA 6010	100	10	03/12/13 15:12	03/21/13 18:50	1
Copper	ug/L	0.13 U	EPA 6020	0.50	0.13	03/16/13 12:40	03/18/13 15:17	1
Lead	ug/L	0.25 U	EPA 6020	0.50	0.25	03/16/13 12:40	03/18/13 15:17	1
Nickel	ug/L	5.5	EPA 6020	5.0	0.46	03/16/13 12:40	03/18/13 15:17	1
Selenium	ug/L	1.4 I	EPA 6020	5.0	0.93	03/19/13 15:29	03/19/13 17:31	1

Pasco County Environmental Laboratory**8864 Government Drive****New Port Richey, FL 34654****March 25, 2013****Work Order: 1302669****Laboratory Report****Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description **2MW-25D 23446**
Matrix **Groundwater**
SAL Sample Number **1302669-05**
Date/Time Collected **03/07/13 13:28**
Collected by **Wilfred Martfeld**
Date/Time Received **03/08/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 U	EPA 6010	20	1.1	03/12/13 15:12	03/21/13 18:50	1
Thallium	ug/L	0.24 U	EPA 6020	0.50	0.24	03/16/13 12:40	03/18/13 15:17	1
Vanadium	ug/L	7.8 U	EPA 6010	10	7.8	03/12/13 15:12	03/21/13 18:50	1
Zinc	ug/L	2.6 I	EPA 6020	5.0	0.88	03/16/13 12:40	03/18/13 15:17	1

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New Port Richey, FL 34654

March 25, 2013
Work Order: 1302669

Laboratory Report

Project Name		PASCO COUNTY RESOURCE RECOVERY						
Sample Description		2MW-26D 23448						
Matrix		Groundwater						
SAL Sample Number		1302669-06						
Date/Time Collected		03/07/13 14:55						
Collected by		Wilfred Martfeld						
Date/Time Received		03/08/13 13:00						
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:18	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:18	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:18	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:18	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:18	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:18	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 19:18	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 19:18	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 19:18	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:18	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:18	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 19:18	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/14/13 19:18	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/14/13 19:18	1
Acetone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 19:18	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/14/13 19:18	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 19:18	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 19:18	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:18	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:18	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 19:18	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:18	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:18	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 19:18	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 19:18	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:18	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 19:18	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 19:18	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:18	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 19:18	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:18	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/14/13 19:18	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:18	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 25, 2013
Work Order: 1302669

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **2MW-26D 23448**
 Matrix **Groundwater**
 SAL Sample Number **1302669-06**
 Date/Time Collected **03/07/13 14:55**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/08/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:18	1
Styrene	ug/L	0.05 u	EPA 8260	0.8	0.05		03/14/13 19:18	1
Tetrachloroethene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 19:18	1
Toluene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 19:18	1
trans-1,2-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:18	1
trans-1,3-Dichloropropene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 19:18	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 u	EPA 8260	0.8	0.3		03/14/13 19:18	1
Trichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:18	1
Trichlorofluoromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:18	1
Vinyl acetate	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 19:18	1
Vinyl chloride	ug/L	0.3 u	EPA 8260	1.6	0.3		03/14/13 19:18	1
Xylene-m,p	ug/L	0.2 u	EPA 8260	1.6	0.2		03/14/13 19:18	1
Xylene-o	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:18	1
Xylenes- Total	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 19:18	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	100 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	100 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	99 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	100 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0055 u	EPA 8011	0.022	0.0055	03/11/13 13:49	03/12/13 10:06	1
1,2-Dibromoethane	ug/L	0.0055 u	EPA 8011	0.022	0.0055	03/11/13 13:49	03/12/13 10:06	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	111 %	Limits		85-123			

Metals

Antimony	ug/L	0.071 u	EPA 6020	0.50	0.071	03/19/13 15:29	03/20/13 13:08	1
Arsenic	ug/L	0.93 u	EPA 6020	5.0	0.93	03/16/13 12:40	03/18/13 15:23	1
Barium	ug/L	17	EPA 6020	0.50	0.18	03/16/13 12:40	03/18/13 15:23	1
Beryllium	ug/L	0.096 u	EPA 6010	1.0	0.096	03/12/13 15:12	03/21/13 18:54	1
Cadmium	ug/L	0.27 u	EPA 6020	0.50	0.27	03/16/13 12:40	03/18/13 15:23	1
Chromium	ug/L	0.77 l	EPA 6020	5.0	0.35	03/16/13 12:40	03/18/13 15:23	1
Cobalt	ug/L	10 u	EPA 6010	100	10	03/12/13 15:12	03/21/13 18:54	1
Copper	ug/L	0.13 u	EPA 6020	0.50	0.13	03/16/13 12:40	03/18/13 15:23	1
Lead	ug/L	0.25 u	EPA 6020	0.50	0.25	03/16/13 12:40	03/18/13 15:23	1
Nickel	ug/L	3.7 l	EPA 6020	5.0	0.46	03/16/13 12:40	03/18/13 15:23	1
Selenium	ug/L	1.1 l	EPA 6020	5.0	0.93	03/19/13 15:29	03/19/13 17:34	1

Pasco County Environmental Laboratory**8864 Government Drive****New Port Richey, FL 34654****March 25, 2013****Work Order: 1302669****Laboratory Report****Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description **2MW-26D 23448**
Matrix **Groundwater**
SAL Sample Number **1302669-06**
Date/Time Collected **03/07/13 14:55**
Collected by **Wilfred Martfeld**
Date/Time Received **03/08/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.3 I	EPA 6010	20	1.1	03/12/13 15:12	03/21/13 18:54	1
Thallium	ug/L	0.24 U	EPA 6020	0.50	0.24	03/16/13 12:40	03/18/13 15:23	1
Vanadium	ug/L	7.8 U	EPA 6010	10	7.8	03/12/13 15:12	03/21/13 18:54	1
Zinc	ug/L	3.7 I	EPA 6020	5.0	0.88	03/16/13 12:40	03/18/13 15:23	1

Pasco County Environmental Laboratory

8864 Government Drive

New Port Richey, FL 34654

March 25, 2013

Work Order: 1302669

*** Qualifiers, Notes and Definitions**

Results followed by a "U" indicate that the sample was analyzed but the compound was not detected. Results followed by "I" indicate that the reported value is between the laboratory method detection limits and the laboratory practical quantitation limit.

A statement of estimated uncertainty of test results is available upon request.

For methods marked with **, all QC criteria have been met for this method which is equivalent to a SAL certified method.

Test results in this report meet all the requirements of the NELAC standards. Any applicable qualifiers are shown below.

Questions regarding this report should be directed to :

Christy Whitehurst

Telephone (813) 855-1844 FAX (813) 855-2218

Christy@southernanalyticallabs.com

or to Client Services (clientservices@southernanalyticallabs.com).



SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218

SAL Project No. **1302669**

Client Name		Pasco Co Utilities		Contact / Phone:		Candia Mulhern 727-847-8902	
Project Name / Location		45799 Resource Recovery		Appendix I Analyses			
Samplers: (Signature)		<i>Wilfred m</i>					
Matrix Codes:		DW-Drinking Water WW-Wastewater		SW-Surface Water SL-Sludge SO-Soil		GW-Groundwater SA-Saline Water O-Other	
R-Reagent Water							
SAL Use Only	Sample No.	Sample Description	Date	Time	Matrix	Composite	Grab
	01	41 MW-1	3/7/13	0943	GW	X	X
	02	Trip Blank			R		
	03	2 MW-15 AD	3/7/13	1016	GW	X	X
	04	Trip Blank			R		
	05	4 MW-14 D	3/7/13	1153	GW	X	X
	06	Trip Blank			R		
	07	2 MW-24 D	3/7/13	1237	GW	X	X
	08	Trip Blank			R		
	09	2 MW-25 D	3/7/13	1328	GW	X	X
	10	Trip Blank			R		
	11	2 MW-26 D	3/7/13	1455	GW	X	X
	12	Trip Blank			R		
Containers Prepared:			Received:			Date/Time:	0700
Relinquished:			Received:			Date/Time:	3/7/13
Relinquished:			Received:			Date/Time:	1540
Relinquished:			Received:			Date/Time:	3/7/13
Relinquished:			Received:			Date/Time:	1220
Relinquished:			Received:			Date/Time:	3-8-13
Relinquished:			Received:			Date/Time:	1300
Relinquished:			Received:			Date/Time:	3-8-13
Relinquished:			Received:			Date/Time:	

Chain of Custody: 45
Rev. Date 11/15/01

Chain of Custody

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 19, 2013
Work Order: 1302667

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description 4MW-2
Matrix Groundwater
SAL Sample Number 1302667-01
Date/Time Collected 03/05/13 09:44
Collected by Wilfred Martfeld
Date/Time Received 03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.009 u	EPA 350.1	0.040	0.009		03/18/13 12:59	1

Pasco County Environmental Laboratory

8864 Government Drive

New Port Richey, FL 34654

March 19, 2013

Work Order: 1302667

Laboratory Report**Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description 2MW-2
Matrix Groundwater
SAL Sample Number 1302667-02
Date/Time Collected 03/05/13 10:49
Collected by Wilfred Martfeld
Date/Time Received 03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.012 I	EPA 350.1	0.040	0.009		03/18/13 13:01	1

Pasco County Environmental Laboratory

8864 Government Drive

New Port Richey, FL 34654

March 19, 2013

Work Order: 1302667

Laboratory Report**Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description **4MW-4**
Matrix **Groundwater**
SAL Sample Number **1302667-03**
Date/Time Collected **03/05/13 12:26**
Collected by **Wilfred Martfeld**
Date/Time Received **03/08/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.009 u	EPA 350.1	0.040	0.009		03/18/13 13:04	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 19, 2013
Work Order: 1302667

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description 4MW-5
Matrix Groundwater
SAL Sample Number 1302667-04
Date/Time Collected 03/05/13 15:25
Collected by Wilfred Martfeld
Date/Time Received 03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.010 I	EPA 350.1	0.040	0.009		03/18/13 13:06	1

Pasco County Environmental Laboratory

8864 Government Drive

New Port Richey, FL 34654

March 19, 2013

Work Order: 1302667

Laboratory Report**Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description 2MW-17S
Matrix Groundwater
SAL Sample Number 1302667-05
Date/Time Collected 03/06/13 09:21
Collected by Wilfred Martfeld
Date/Time Received 03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.029 I	EPA 350.1	0.040	0.009		03/18/13 13:08	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 19, 2013
Work Order: 1302667

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description 2MW-18D
Matrix Groundwater
SAL Sample Number 1302667-06
Date/Time Collected 03/06/13 10:28
Collected by Wilfred Martfeld
Date/Time Received 03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
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Inorganics

Ammonia as N	mg/L	0.015 I	EPA 350.1	0.040	0.009		03/18/13 13:09	1
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Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 19, 2013
Work Order: 1302667

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description 2MW-19D
Matrix Groundwater
SAL Sample Number 1302667-07
Date/Time Collected 03/06/13 11:33
Collected by Wilfred Martfeld
Date/Time Received 03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.012 I	EPA 350.1	0.040	0.009		03/18/13 13:11	1

Pasco County Environmental Laboratory
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New Port Richey, FL 34654

March 19, 2013
Work Order: 1302667

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description 4MW-11D
Matrix Groundwater
SAL Sample Number 1302667-08
Date/Time Collected 03/06/13 12:54
Collected by Wilfred Martfeld
Date/Time Received 03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.016 I	EPA 350.1	0.040	0.009		03/18/13 13:13	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 19, 2013
Work Order: 1302667

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description 4MW-12D
Matrix Groundwater
SAL Sample Number 1302667-09
Date/Time Collected 03/06/13 14:26
Collected by Wilfred Martfeld
Date/Time Received 03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
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Inorganics

Ammonia as N	mg/L	0.009 u	EPA 350.1	0.040	0.009		03/18/13 13:14	1
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Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 19, 2013
Work Order: 1302667

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description 4MW-13D
Matrix Groundwater
SAL Sample Number 1302667-10
Date/Time Collected 03/06/13 15:10
Collected by Wilfred Martfeld
Date/Time Received 03/08/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.013 I	EPA 350.1	0.040	0.009		03/18/13 13:16	1

Pasco County Environmental Laboratory

8864 Government Drive

New Port Richey, FL 34654

March 19, 2013

Work Order: 1302667

*** Qualifiers, Notes and Definitions**

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A statement of estimated uncertainty of test results is available upon request.

For methods marked with **, all QC criteria have been met for this method which is equivalent to a SAL certified method.

Test results in this report meet all the requirements of the NELAC standards. Any applicable qualifiers are shown below.

Questions regarding this report should be directed to :

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Pasco County Environmental Laboratory
 8864 Government Drive
 New Port Richey, FL 34654
 (727) 847-8902 Fax: (727) 847-8112

CHAIN OF CUSTODY RECORD

Page of

FOR LAB USE ONLY
 Temp. of Contents: ° C (or Received on Ice, ROI)
 Condition of Contents:
FOR LAB USE ONLY
LOG IN NO. 1302667

1. Client: (Company or Individual)
 Pasco County Environmental Lab
 Address: Phone: ()
 City: State: Zip Code:
 Address: Phone: ()
 City: State: Zip Code:

2. Report to: (if different from above)
 Candice Mulhern
 3. Client Project Name:
 Resource Recovery
 4. Sampled by: (Print)
 W. Martfeld
 5. Sampled by: (Signature)
 W. Martfeld (am)
 6. Shipping Method:

Item	7. Sample ID or No.	8. Sample Description	9.		10.		11.		12. No. of Containers	13. Preservatives			15. Analyses Requested	16. REMARK	For Lab Use Only LAB SAMPLE NO.
			Sample Date	Sample Time	Comp.	Grab	Water (Codes)	Leachate		Container Codes (for Item 14)	14. Containers	15.			
1.	Resource Recovery	4 MW-2	3/5/13	09:44			GW		1	DW - Drinking Water GW - Ground Water SW - Surface Water PW - Processed Water WW - Waste Water					
2.	Resource Recovery	2 MW-2	3/5/13	10:49			GW		1						
3.	Resource Recovery	4 MW-4	3/5/13	12:26			GW		1						
4.	Resource Recovery	4 MW-5	3/5/13	15:35			GW		1						
5.	Resource Recovery	2 MW-17S	3/6/13	09:21			GW		1						
6.	Resource Recovery	2 MW-18D	3/6/13	10:28			GW		1					Sent to SNL	
7.	Resource Recovery	2 MW-19D	3/6/13	11:33			GW		1					3/8/13. amc	
8.	Resource Recovery	4 MW-11D	3/6/13	12:54			GW		1						
9.	Resource Recovery	4 MW-12D	3/6/13	14:26			GW		1						
10.	Resource Recovery	4 MW-13D	3/6/13	15:10			GW		1						

17.	RELINQUISHED BY	DATE	TIME	18.	RECEIVED BY	DATE	TIME
1.	<u> KS </u>	03/08/13	1220		<u> [Signature] </u>	3-8-13	1220
2.	<u> [Signature] </u>	3-8-13	1300		<u> K Mulhern </u>	3-8-13	1300
3.							
4.							

Pasco County Environmental Laboratory

8864 Government Drive

New Port Richey, FL 34654

March 21, 2013

Work Order: 1302526

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **4MW-2 2387**
 Matrix **Groundwater**
 SAL Sample Number **1302526-01**
 Date/Time Collected **03/05/13 09:44**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/06/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 16:44	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 16:44	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 16:44	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 16:44	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 16:44	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 16:44	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/06/13 16:44	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 16:44	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 16:44	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 16:44	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 16:44	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/06/13 16:44	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/06/13 16:44	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/06/13 16:44	1
Acetone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/06/13 16:44	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/06/13 16:44	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 16:44	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 16:44	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 16:44	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 16:44	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/06/13 16:44	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 16:44	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 16:44	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 16:44	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/06/13 16:44	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 16:44	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/06/13 16:44	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/06/13 16:44	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 16:44	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 16:44	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 16:44	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/06/13 16:44	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 16:44	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 21, 2013
Work Order: 1302526

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **4MW-2 2387**
 Matrix **Groundwater**
 SAL Sample Number **1302526-01**
 Date/Time Collected **03/05/13 09:44**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/06/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 16:44	1
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		03/06/13 16:44	1
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/06/13 16:44	1
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/06/13 16:44	1
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 16:44	1
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/06/13 16:44	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		03/06/13 16:44	1
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 16:44	1
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 16:44	1
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/06/13 16:44	1
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/06/13 16:44	1
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/06/13 16:44	1
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 16:44	1
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/06/13 16:44	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	98 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	98 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	99 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	96 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/11/13 13:49	03/12/13 02:52	1
1,2-Dibromoethane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/11/13 13:49	03/12/13 02:52	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	114 %	Limits		85-123			

Metals

Antimony	ug/L	0.071 U	EPA 6020	0.50	0.071	03/19/13 15:29	03/20/13 10:46	1
Arsenic	ug/L	1.5 I	EPA 6020	5.0	0.93	03/12/13 12:34	03/14/13 18:14	1
Barium	ug/L	6.6	EPA 6020	0.50	0.18	03/12/13 12:34	03/14/13 18:14	1
Beryllium	ug/L	0.14 I	EPA 6010	1.0	0.096	03/12/13 11:58	03/19/13 18:18	1
Cadmium	ug/L	0.27 U	EPA 6020	0.50	0.27	03/12/13 12:34	03/14/13 18:14	1
Chromium	ug/L	0.50 I	EPA 6020	5.0	0.35	03/12/13 12:34	03/14/13 18:14	1
Cobalt	ug/L	10 U	EPA 6010	100	10	03/12/13 11:58	03/19/13 18:18	1
Copper	ug/L	0.13 U	EPA 6020	0.50	0.13	03/12/13 12:34	03/14/13 18:14	1
Lead	ug/L	0.25 U	EPA 6020	0.50	0.25	03/12/13 12:34	03/14/13 18:14	1
Nickel	ug/L	0.69 I	EPA 6020	5.0	0.46	03/12/13 12:34	03/14/13 18:14	1
Selenium	ug/L	0.93 U	EPA 6020	5.0	0.93	03/19/13 15:29	03/19/13 16:34	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 21, 2013
Work Order: 1302526

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description 4MW-2 2387
Matrix Groundwater
SAL Sample Number 1302526-01
Date/Time Collected 03/05/13 09:44
Collected by Wilfred Martfeld
Date/Time Received 03/06/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 u	EPA 6010	20	1.1	03/12/13 11:58	03/19/13 18:18	1
Thallium	ug/L	0.24 u	EPA 6020	0.50	0.24	03/12/13 12:34	03/14/13 18:14	1
Vanadium	ug/L	7.8 u	EPA 6010	10	7.8	03/12/13 11:58	03/19/13 18:18	1
Zinc	ug/L	0.88 u	EPA 6020	5.0	0.88	03/12/13 12:34	03/14/13 18:14	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 21, 2013
Work Order: 1302526

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY
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Sample Description	2MW-2 2382
Matrix	Groundwater
SAL Sample Number	1302526-02
Date/Time Collected	03/05/13 10:49
Collected by	Wilfred Martfeld
Date/Time Received	03/06/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:16	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:16	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:16	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:16	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:16	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:16	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/06/13 17:16	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 17:16	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 17:16	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:16	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:16	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/06/13 17:16	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/06/13 17:16	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/06/13 17:16	1
Acetone	ug/L	2.0 u, J5	EPA 8260	4.0	2.0		03/06/13 17:16	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/06/13 17:16	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 17:16	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 17:16	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:16	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:16	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/06/13 17:16	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:16	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:16	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 17:16	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/06/13 17:16	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:16	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/06/13 17:16	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/06/13 17:16	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:16	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 17:16	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:16	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/06/13 17:16	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:16	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 21, 2013
Work Order: 1302526

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY
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Sample Description	2MW-2 2382
Matrix	Groundwater
SAL Sample Number	1302526-02
Date/Time Collected	03/05/13 10:49
Collected by	Wilfred Martfeld
Date/Time Received	03/06/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 17:16	1
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		03/06/13 17:16	1
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/06/13 17:16	1
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/06/13 17:16	1
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 17:16	1
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/06/13 17:16	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		03/06/13 17:16	1
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 17:16	1
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 17:16	1
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/06/13 17:16	1
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/06/13 17:16	1
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/06/13 17:16	1
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 17:16	1
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/06/13 17:16	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	104 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	107 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	104 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	96 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/11/13 13:49	03/12/13 03:13	1
1,2-Dibromoethane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/11/13 13:49	03/12/13 03:13	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	116 %	Limits		85-123			

Metals

Antimony	ug/L	0.071 U	EPA 6020	0.50	0.071	03/19/13 15:29	03/20/13 10:49	1
Arsenic	ug/L	0.93 U	EPA 6020	5.0	0.93	03/12/13 12:34	03/15/13 10:25	1
Barium	ug/L	58	EPA 6020	0.50	0.18	03/12/13 12:34	03/15/13 10:25	1
Beryllium	ug/L	0.38 I	EPA 6010	1.0	0.096	03/12/13 11:58	03/19/13 18:29	1
Cadmium	ug/L	0.29 I	EPA 6020	0.50	0.27	03/12/13 12:34	03/15/13 10:25	1
Chromium	ug/L	0.35 U	EPA 6020	5.0	0.35	03/12/13 12:34	03/15/13 10:25	1
Cobalt	ug/L	10 U	EPA 6010	100	10	03/12/13 11:58	03/19/13 18:29	1
Copper	ug/L	2.7	EPA 6020	0.50	0.13	03/12/13 12:34	03/15/13 10:25	1
Lead	ug/L	0.25 U	EPA 6020	0.50	0.25	03/12/13 12:34	03/15/13 10:25	1
Nickel	ug/L	0.52 I	EPA 6020	5.0	0.46	03/12/13 12:34	03/15/13 10:25	1
Selenium	ug/L	0.93 U	EPA 6020	5.0	0.93	03/19/13 15:29	03/19/13 16:37	1

Pasco County Environmental Laboratory**8864 Government Drive****New Port Richey, FL 34654****March 21, 2013****Work Order: 1302526****Laboratory Report****Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description **2MW-2 2382**
Matrix **Groundwater**
SAL Sample Number **1302526-02**
Date/Time Collected **03/05/13 10:49**
Collected by **Wilfred Martfeld**
Date/Time Received **03/06/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 U	EPA 6010	20	1.1	03/12/13 11:58	03/19/13 18:29	1
Thallium	ug/L	0.24 U	EPA 6020	0.50	0.24	03/12/13 12:34	03/15/13 10:25	1
Vanadium	ug/L	7.8 U	EPA 6010	10	7.8	03/12/13 11:58	03/19/13 18:29	1
Zinc	ug/L	3.1 I	EPA 6020	5.0	0.88	03/12/13 12:34	03/15/13 10:25	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 21, 2013
Work Order: 1302526

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **4MW-4 2388**
 Matrix **Groundwater**
 SAL Sample Number **1302526-03**
 Date/Time Collected **03/05/13 12:26**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/06/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:48	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:48	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:48	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:48	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:48	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:48	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/06/13 17:48	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 17:48	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 17:48	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:48	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:48	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/06/13 17:48	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/06/13 17:48	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/06/13 17:48	1
Acetone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/06/13 17:48	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/06/13 17:48	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 17:48	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 17:48	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:48	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:48	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/06/13 17:48	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:48	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:48	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 17:48	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/06/13 17:48	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:48	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/06/13 17:48	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/06/13 17:48	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:48	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 17:48	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:48	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/06/13 17:48	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 17:48	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 21, 2013
Work Order: 1302526

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **4MW-4 2388**
 Matrix **Groundwater**
 SAL Sample Number **1302526-03**
 Date/Time Collected **03/05/13 12:26**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/06/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 17:48	1
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		03/06/13 17:48	1
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/06/13 17:48	1
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/06/13 17:48	1
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 17:48	1
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/06/13 17:48	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		03/06/13 17:48	1
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 17:48	1
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 17:48	1
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/06/13 17:48	1
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/06/13 17:48	1
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/06/13 17:48	1
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 17:48	1
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/06/13 17:48	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	105 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	104 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	97 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	96 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/11/13 13:49	03/12/13 03:35	1
1,2-Dibromoethane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/11/13 13:49	03/12/13 03:35	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	114 %	Limits		85-123			

Metals

Antimony	ug/L	0.071 U	EPA 6020	0.50	0.071	03/19/13 15:29	03/20/13 10:52	1
Arsenic	ug/L	0.93 U	EPA 6020	5.0	0.93	03/12/13 12:34	03/14/13 18:39	1
Barium	ug/L	8.7	EPA 6020	0.50	0.18	03/12/13 12:34	03/14/13 18:39	1
Beryllium	ug/L	0.20 I	EPA 6010	1.0	0.096	03/12/13 11:58	03/19/13 18:32	1
Cadmium	ug/L	0.27 U	EPA 6020	0.50	0.27	03/12/13 12:34	03/14/13 18:39	1
Chromium	ug/L	0.60 I	EPA 6020	5.0	0.35	03/12/13 12:34	03/14/13 18:39	1
Cobalt	ug/L	10 U	EPA 6010	100	10	03/12/13 11:58	03/19/13 18:32	1
Copper	ug/L	0.13 U	EPA 6020	0.50	0.13	03/12/13 12:34	03/14/13 18:39	1
Lead	ug/L	0.25 U	EPA 6020	0.50	0.25	03/12/13 12:34	03/14/13 18:39	1
Nickel	ug/L	1.9 I	EPA 6020	5.0	0.46	03/12/13 12:34	03/14/13 18:39	1
Selenium	ug/L	0.93 U	EPA 6020	5.0	0.93	03/19/13 15:29	03/19/13 16:40	1

Pasco County Environmental Laboratory**8864 Government Drive****New Port Richey, FL 34654****March 21, 2013****Work Order: 1302526****Laboratory Report****Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description **4MW-4 2388**
Matrix **Groundwater**
SAL Sample Number **1302526-03**
Date/Time Collected **03/05/13 12:26**
Collected by **Wilfred Martfeld**
Date/Time Received **03/06/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 u	EPA 6010	20	1.1	03/12/13 11:58	03/19/13 18:32	1
Thallium	ug/L	0.24 u	EPA 6020	0.50	0.24	03/12/13 12:34	03/14/13 18:39	1
Vanadium	ug/L	7.8 u	EPA 6010	10	7.8	03/12/13 11:58	03/19/13 18:32	1
Zinc	ug/L	0.88 u	EPA 6020	5.0	0.88	03/12/13 12:34	03/14/13 18:39	1

Pasco County Environmental Laboratory
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March 21, 2013
Work Order: 1302526

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY
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Sample Description	4MW-5 2389
Matrix	Groundwater
SAL Sample Number	1302526-04
Date/Time Collected	03/05/13 15:25
Collected by	Wilfred Martfeld
Date/Time Received	03/06/13 13:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 18:52	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 18:52	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 18:52	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 18:52	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 18:52	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 18:52	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/06/13 18:52	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 18:52	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 18:52	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 18:52	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 18:52	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/06/13 18:52	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/06/13 18:52	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/06/13 18:52	1
Acetone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/06/13 18:52	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/06/13 18:52	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 18:52	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 18:52	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 18:52	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 18:52	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/06/13 18:52	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 18:52	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 18:52	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 18:52	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/06/13 18:52	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 18:52	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/06/13 18:52	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/06/13 18:52	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 18:52	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 18:52	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 18:52	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/06/13 18:52	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 18:52	1

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March 21, 2013
Work Order: 1302526

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **4MW-5 2389**
 Matrix **Groundwater**
 SAL Sample Number **1302526-04**
 Date/Time Collected **03/05/13 15:25**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/06/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 18:52	1
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		03/06/13 18:52	1
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/06/13 18:52	1
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/06/13 18:52	1
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 18:52	1
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/06/13 18:52	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		03/06/13 18:52	1
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 18:52	1
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 18:52	1
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/06/13 18:52	1
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/06/13 18:52	1
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/06/13 18:52	1
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 18:52	1
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/06/13 18:52	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	106 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	98 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	107 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	98 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/11/13 13:49	03/12/13 03:56	1
1,2-Dibromoethane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/11/13 13:49	03/12/13 03:56	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	113 %	Limits		85-123			

Metals

Antimony	ug/L	0.071 U	EPA 6020	0.50	0.071	03/19/13 15:29	03/20/13 11:04	1
Arsenic	ug/L	1.3 I	EPA 6020	5.0	0.93	03/12/13 12:34	03/14/13 18:46	1
Barium	ug/L	11	EPA 6020	0.50	0.18	03/12/13 12:34	03/14/13 18:46	1
Beryllium	ug/L	0.096 U	EPA 6010	1.0	0.096	03/12/13 11:58	03/19/13 18:36	1
Cadmium	ug/L	0.27 U	EPA 6020	0.50	0.27	03/12/13 12:34	03/14/13 18:46	1
Chromium	ug/L	0.92 I	EPA 6020	5.0	0.35	03/12/13 12:34	03/14/13 18:46	1
Cobalt	ug/L	10 U	EPA 6010	100	10	03/12/13 11:58	03/19/13 18:36	1
Copper	ug/L	0.21 I	EPA 6020	0.50	0.13	03/12/13 12:34	03/14/13 18:46	1
Lead	ug/L	0.25 U	EPA 6020	0.50	0.25	03/12/13 12:34	03/14/13 18:46	1
Nickel	ug/L	2.8 I	EPA 6020	5.0	0.46	03/12/13 12:34	03/14/13 18:46	1
Selenium	ug/L	1.4 I	EPA 6020	5.0	0.93	03/19/13 15:29	03/19/13 16:52	1

Pasco County Environmental Laboratory**8864 Government Drive****New Port Richey, FL 34654****March 21, 2013****Work Order: 1302526****Laboratory Report****Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description **4MW-5 2389**
Matrix **Groundwater**
SAL Sample Number **1302526-04**
Date/Time Collected **03/05/13 15:25**
Collected by **Wilfred Martfeld**
Date/Time Received **03/06/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.9 I	EPA 6010	20	1.1	03/12/13 11:58	03/19/13 18:36	1
Thallium	ug/L	0.24 U	EPA 6020	0.50	0.24	03/12/13 12:34	03/14/13 18:46	1
Vanadium	ug/L	7.8 U	EPA 6010	10	7.8	03/12/13 11:58	03/19/13 18:36	1
Zinc	ug/L	0.88 U	EPA 6020	5.0	0.88	03/12/13 12:34	03/14/13 18:46	1

Pasco County Environmental Laboratory**8864 Government Drive****New Port Richey, FL 34654****March 21, 2013****Work Order: 1302526**

*** Qualifiers, Notes and Definitions**

Results followed by a "U" indicate that the sample was analyzed but the compound was not detected. Results followed by "I" indicate that the reported value is between the laboratory method detection limits and the laboratory practical quantitation limit.

A statement of estimated uncertainty of test results is available upon request.

For methods marked with **, all QC criteria have been met for this method which is equivalent to a SAL certified method.

Test results in this report meet all the requirements of the NELAC standards. Any applicable qualifiers are shown below.

J5 Matrix spike of this sample was outside typical range. All other QC criteria were acceptable.

Questions regarding this report should be directed to :

Christy Whitehurst

Telephone (813) 855-1844 FAX (813) 855-2218

Christy@southernanalyticallabs.com

or to Client Services (clientservices@southernanalyticallabs.com).



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 27, 2013
Work Order: 1302800

Laboratory Report

Project Name		PASCO COUNTY RESOURCE RECOVERY						
Sample Description		4MW-21 23065						
Matrix		Groundwater						
SAL Sample Number		1302800-01						
Date/Time Collected		03/12/13 09:30						
Collected by		Wilfred Martfeld						
Date/Time Received		03/13/13 14:00						
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 16:55	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 16:55	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 16:55	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 16:55	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 16:55	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 16:55	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/15/13 16:55	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/15/13 16:55	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/15/13 16:55	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 16:55	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 16:55	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/15/13 16:55	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/15/13 16:55	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/15/13 16:55	1
Acetone	ug/L	860	EPA 8260	40	20	03/15/13 16:55	03/22/13 01:39	10
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/15/13 16:55	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/15/13 16:55	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/15/13 16:55	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 16:55	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 16:55	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/15/13 16:55	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 16:55	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 16:55	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/15/13 16:55	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/15/13 16:55	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 16:55	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/15/13 16:55	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/15/13 16:55	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 16:55	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/15/13 16:55	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 16:55	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/15/13 16:55	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 16:55	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 27, 2013
Work Order: 1302800

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **4MW-21 23065**
 Matrix **Groundwater**
 SAL Sample Number **1302800-01**
 Date/Time Collected **03/12/13 09:30**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/13/13 14:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		03/15/13 16:55	1
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		03/15/13 16:55	1
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/15/13 16:55	1
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/15/13 16:55	1
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/15/13 16:55	1
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/15/13 16:55	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		03/15/13 16:55	1
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/15/13 16:55	1
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/15/13 16:55	1
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/15/13 16:55	1
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/15/13 16:55	1
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/15/13 16:55	1
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/15/13 16:55	1
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/15/13 16:55	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	96 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	102 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	98 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	98 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0054 U	EPA 8011	0.022	0.0054	03/20/13 12:30	03/21/13 03:25	1
1,2-Dibromoethane	ug/L	0.0054 U	EPA 8011	0.022	0.0054	03/20/13 12:30	03/21/13 03:25	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	103 %	Limits		85-123			

Metals

Antimony	ug/L	0.071 U	EPA 6020	0.50	0.071	03/21/13 13:55	03/26/13 10:54	1
Arsenic	ug/L	0.93 U	EPA 6020	5.0	0.93	03/18/13 14:17	03/20/13 16:49	1
Barium	ug/L	10	EPA 6020	0.50	0.18	03/18/13 14:17	03/20/13 16:49	1
Beryllium	ug/L	0.25 I	EPA 6010	1.0	0.096	03/20/13 10:13	03/26/13 17:18	1
Cadmium	ug/L	1.4	EPA 6020	0.50	0.27	03/18/13 14:17	03/20/13 16:49	1
Chromium	ug/L	1.2 I	EPA 6020	5.0	0.35	03/18/13 14:17	03/20/13 16:49	1
Cobalt	ug/L	10 U	EPA 6010	100	10	03/20/13 10:13	03/26/13 17:18	1
Copper	ug/L	0.56	EPA 6020	0.50	0.13	03/18/13 14:17	03/20/13 16:49	1
Lead	ug/L	0.52	EPA 6020	0.50	0.25	03/18/13 14:17	03/20/13 16:49	1
Nickel	ug/L	2.3 I	EPA 6020	5.0	0.46	03/18/13 14:17	03/20/13 16:49	1
Selenium	ug/L	0.93 U	EPA 6020	5.0	0.93	03/21/13 13:55	03/26/13 10:54	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 27, 2013
Work Order: 1302800

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description 4MW-21 23065
Matrix Groundwater
SAL Sample Number 1302800-01
Date/Time Collected 03/12/13 09:30
Collected by Wilfred Martfeld
Date/Time Received 03/13/13 14:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 U	EPA 6010	20	1.1	03/20/13 10:13	03/26/13 17:18	1
Thallium	ug/L	0.24 U	EPA 6020	0.50	0.24	03/18/13 14:17	03/20/13 16:49	1
Vanadium	ug/L	8.8 I	EPA 6010	10	7.8	03/20/13 10:13	03/26/13 17:18	1
Zinc	ug/L	2.9 I	EPA 6020	5.0	0.88	03/18/13 14:17	03/21/13 15:00	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 27, 2013
Work Order: 1302800

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY
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Sample Description	4MW-22 23066
Matrix	Groundwater
SAL Sample Number	1302800-02
Date/Time Collected	03/12/13 10:20
Collected by	Wilfred Martfeld
Date/Time Received	03/13/13 14:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 18:00	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 18:00	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 18:00	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 18:00	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 18:00	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 18:00	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/15/13 18:00	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/15/13 18:00	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/15/13 18:00	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 18:00	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 18:00	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/15/13 18:00	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/15/13 18:00	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/15/13 18:00	1
Acetone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/15/13 18:00	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/15/13 18:00	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/15/13 18:00	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/15/13 18:00	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 18:00	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 18:00	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/15/13 18:00	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 18:00	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 18:00	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/15/13 18:00	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/15/13 18:00	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 18:00	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/15/13 18:00	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/15/13 18:00	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 18:00	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/15/13 18:00	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 18:00	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/15/13 18:00	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/15/13 18:00	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 27, 2013
Work Order: 1302800

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **4MW-22 23066**
 Matrix **Groundwater**
 SAL Sample Number **1302800-02**
 Date/Time Collected **03/12/13 10:20**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/13/13 14:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		03/15/13 18:00	1
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		03/15/13 18:00	1
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/15/13 18:00	1
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/15/13 18:00	1
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/15/13 18:00	1
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/15/13 18:00	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		03/15/13 18:00	1
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/15/13 18:00	1
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/15/13 18:00	1
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/15/13 18:00	1
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/15/13 18:00	1
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/15/13 18:00	1
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/15/13 18:00	1
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/15/13 18:00	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	103 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	102 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	99 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	100 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0054 U	EPA 8011	0.022	0.0054	03/20/13 12:30	03/21/13 03:47	1
1,2-Dibromoethane	ug/L	0.0054 U	EPA 8011	0.022	0.0054	03/20/13 12:30	03/21/13 03:47	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	103 %	Limits		85-123			

Metals

Antimony	ug/L	0.071 U	EPA 6020	0.50	0.071	03/21/13 13:55	03/26/13 10:57	1
Arsenic	ug/L	1.6 I	EPA 6020	5.0	0.93	03/18/13 14:17	03/20/13 17:08	1
Barium	ug/L	11	EPA 6020	0.50	0.18	03/18/13 14:17	03/20/13 17:08	1
Beryllium	ug/L	0.096 U	EPA 6010	1.0	0.096	03/20/13 10:13	03/26/13 17:22	1
Cadmium	ug/L	0.27 U	EPA 6020	0.50	0.27	03/18/13 14:17	03/20/13 17:08	1
Chromium	ug/L	0.66 I	EPA 6020	5.0	0.35	03/18/13 14:17	03/20/13 17:08	1
Cobalt	ug/L	10 U	EPA 6010	100	10	03/20/13 10:13	03/26/13 17:22	1
Copper	ug/L	0.25 I	EPA 6020	0.50	0.13	03/18/13 14:17	03/20/13 17:08	1
Lead	ug/L	0.25 U	EPA 6020	0.50	0.25	03/18/13 14:17	03/20/13 17:08	1
Nickel	ug/L	3.2 I	EPA 6020	5.0	0.46	03/18/13 14:17	03/20/13 17:08	1
Selenium	ug/L	1.1 I	EPA 6020	5.0	0.93	03/21/13 13:55	03/26/13 10:57	1

Pasco County Environmental Laboratory**8864 Government Drive****New Port Richey, FL 34654****March 27, 2013****Work Order: 1302800****Laboratory Report****Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description **4MW-22 23066**
Matrix **Groundwater**
SAL Sample Number **1302800-02**
Date/Time Collected **03/12/13 10:20**
Collected by **Wilfred Martfeld**
Date/Time Received **03/13/13 14:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 u	EPA 6010	20	1.1	03/20/13 10:13	03/26/13 17:22	1
Thallium	ug/L	0.24 u	EPA 6020	0.50	0.24	03/18/13 14:17	03/20/13 17:08	1
Vanadium	ug/L	7.8 u	EPA 6010	10	7.8	03/20/13 10:13	03/26/13 17:22	1
Zinc	ug/L	0.88 u	EPA 6020	5.0	0.88	03/18/13 14:17	03/21/13 15:07	1

Pasco County Environmental Laboratory

8864 Government Drive

New Port Richey, FL 34654

March 27, 2013

Work Order: 1302800

*** Qualifiers, Notes and Definitions**

Results followed by a "U" indicate that the sample was analyzed but the compound was not detected. Results followed by "I" indicate that the reported value is between the laboratory method detection limits and the laboratory practical quantitation limit.

A statement of estimated uncertainty of test results is available upon request.

For methods marked with **, all QC criteria have been met for this method which is equivalent to a SAL certified method.

Test results in this report meet all the requirements of the NELAC standards. Any applicable qualifiers are shown below.

Questions regarding this report should be directed to :

Christy Whitehurst

Telephone (813) 855-1844 FAX (813) 855-2218

Christy@southernanalyticallabs.com

or to Client Services (clientservices@southernanalyticallabs.com).



SOUTHERN ANALYTICAL LABORATORIES, INC.

1108A VIEW BOULEVARD, OLOSMAR, FL 34677 813-855-1844 fax 813-855-2218

SAL Project No.

130250

[illegible]Chain of Custody.xls
Rev. Date 11/19/01

Pasco County Environmental Laboratory**8864 Government Drive****New Port Richey, FL 34654****April 2, 2013****Work Order: 1303441****Laboratory Report****Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description **4MW-6 2390**
Matrix **Groundwater**
SAL Sample Number **1303441-01**
Date/Time Collected **03/04/13 14:16**
Collected by **Wilfred Martfeld**
Date/Time Received **03/06/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.009 u	EPA 350.1	0.040	0.009		03/11/13 09:39	1

Pasco County Environmental Laboratory

8864 Government Drive

New Port Richey, FL 34654

April 2, 2013

Work Order: 1303441

*** Qualifiers, Notes and Definitions**

Results followed by a "U" indicate that the sample was analyzed but the compound was not detected. Results followed by "I" indicate that the reported value is between the laboratory method detection limits and the laboratory practical quantitation limit.

A statement of estimated uncertainty of test results is available upon request.

For methods marked with **, all QC criteria have been met for this method which is equivalent to a SAL certified method.

Test results in this report meet all the requirements of the NELAC standards. Any applicable qualifiers are shown below.

Questions regarding this report should be directed to :

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Christy@southernanalyticallabs.com

or to Client Services (clientservices@southernanalyticallabs.com).



Pasco County Environmental Laboratory
 8864 Government Drive
 New Port Richey, FL 34654
 (727) 847-8902 Fax: (727) 847-8112

CHAIN OF CUSTODY RECORD

Page of

FOR LAB USE ONLY

FOR LAB USE ONLY

Temp. of Contents: ° C (or Received on Ice, ROI)
 Condition of Contents:

LOG IN NO. 1302936

Address: Phone: () 303441

City: State: Zip Code: Fax: ()

Address: Phone: ()

City: State: Zip Code: Fax: ()

1. Client: (Company or Individual)
Pasco County Environmental Lab

2. Report to: (if different from above)
Candia Mulhern

3. Client Project Name:
East Pasco Sanitary Landfill / Recovery

4. Sampled by: (Print)
W. Martfeld

5. Sampled by: (Signature)
W. Martfeld

6. Shipping Method:

Item	7. Sample ID or No.	8. Sample Description	9.		10.		11.		12. No. of Containers	13. Preservatives			14. Containers	15. Analyses Requested	16. REMARK	16. REMARK	For Lab Use Only LAB SAMPLE NO.
			Sample Date	Sample Time	Comp.	Grab	Water (Codes)	Leachate		Other	Sludge	Soil					
1.	EP5L	SW-24	2/20/13	12:27	✓	✓	GW		✓								
2.	EP5L	SW-25	2/23/13	10:54	✓	✓	GW		✓								
3.	EP5L	SW-19	2/25/13	14:15	✓	✓	GW		✓								
4.	EP5L	SW-7A	2/27/13	14:46	✓	✓	GW		✓								
5.	EP5L	SW-27	2/27/13	13:10	✓	✓	GW		✓								
6.	EP5L	SW-18	2/27/13	10:35	✓	✓	GW		✓								
7.	EP5L	SW-26	2/28/13	10:37	✓	✓	GW		✓								
8.	EP5L	SW-23	2/28/13	14:46	✓	✓	GW		✓								
9.	EP5L	SW-7A	2/28/13	12:50	✓	✓	GW		✓								
10.	Recovery	4 MW-6	3/4/13	14:16	✓	✓	GW		✓								

17. RELINQUISHED BY	DATE	TIME	18. RECEIVED BY	DATE	TIME
1. <u>W. Martfeld</u>	03-06-13	11:45	<u>W. Martfeld</u>	3-6-13	11:45
2. <u>W. Martfeld</u>	3-6-13	1300	<u>W. Martfeld</u>	3-6-13	1300
3. <u> </u>					
4. <u> </u>					

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 21, 2013
Work Order: 1302525

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **4MW-6 2390**
 Matrix **Groundwater**
 SAL Sample Number **1302525-01**
 Date/Time Collected **03/04/13 14:16**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/06/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 19:25	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 19:25	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 19:25	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 19:25	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 19:25	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 19:25	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/06/13 19:25	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 19:25	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 19:25	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 19:25	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 19:25	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/06/13 19:25	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/06/13 19:25	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/06/13 19:25	1
Acetone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/06/13 19:25	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/06/13 19:25	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 19:25	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 19:25	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 19:25	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 19:25	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/06/13 19:25	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 19:25	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 19:25	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 19:25	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/06/13 19:25	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 19:25	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/06/13 19:25	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/06/13 19:25	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 19:25	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/06/13 19:25	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 19:25	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/06/13 19:25	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/06/13 19:25	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 21, 2013
Work Order: 1302525

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **4MW-6 2390**
 Matrix **Groundwater**
 SAL Sample Number **1302525-01**
 Date/Time Collected **03/04/13 14:16**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/06/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 19:25	1
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		03/06/13 19:25	1
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/06/13 19:25	1
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/06/13 19:25	1
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 19:25	1
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/06/13 19:25	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		03/06/13 19:25	1
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 19:25	1
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 19:25	1
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/06/13 19:25	1
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/06/13 19:25	1
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/06/13 19:25	1
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/06/13 19:25	1
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/06/13 19:25	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	98 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	102 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	106 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	99 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/11/13 13:49	03/12/13 02:30	1
1,2-Dibromoethane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/11/13 13:49	03/12/13 02:30	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	112 %	Limits		85-123			

Metals

Antimony	ug/L	0.071 U	EPA 6020	0.50	0.071	03/19/13 15:29	03/20/13 10:44	1
Arsenic	ug/L	0.93 U	EPA 6020	5.0	0.93	03/12/13 12:34	03/14/13 17:55	1
Barium	ug/L	4.6	EPA 6020	0.50	0.18	03/12/13 12:34	03/14/13 17:55	1
Beryllium	ug/L	0.20 I	EPA 6010	1.0	0.096	03/12/13 11:58	03/19/13 18:14	1
Cadmium	ug/L	0.27 U	EPA 6020	0.50	0.27	03/12/13 12:34	03/14/13 17:55	1
Chromium	ug/L	1.1 I	EPA 6020	5.0	0.35	03/12/13 12:34	03/14/13 17:55	1
Cobalt	ug/L	10 U	EPA 6010	100	10	03/12/13 11:58	03/19/13 18:14	1
Copper	ug/L	0.13 U	EPA 6020	0.50	0.13	03/12/13 12:34	03/14/13 17:55	1
Lead	ug/L	0.25 U	EPA 6020	0.50	0.25	03/12/13 12:34	03/14/13 17:55	1
Nickel	ug/L	0.46 U	EPA 6020	5.0	0.46	03/12/13 12:34	03/14/13 17:55	1
Selenium	ug/L	1.3 I	EPA 6020	5.0	0.93	03/19/13 15:29	03/19/13 16:32	1

Pasco County Environmental Laboratory**8864 Government Drive****New Port Richey, FL 34654****March 21, 2013****Work Order: 1302525****Laboratory Report****Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description **4MW-6 2390**
Matrix **Groundwater**
SAL Sample Number **1302525-01**
Date/Time Collected **03/04/13 14:16**
Collected by **Wilfred Martfeld**
Date/Time Received **03/06/13 13:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 u	EPA 6010	20	1.1	03/12/13 11:58	03/19/13 18:14	1
Thallium	ug/L	0.24 u	EPA 6020	0.50	0.24	03/12/13 12:34	03/14/13 17:55	1
Vanadium	ug/L	7.8 u	EPA 6010	10	7.8	03/12/13 11:58	03/19/13 18:14	1
Zinc	ug/L	0.88 u	EPA 6020	5.0	0.88	03/12/13 12:34	03/14/13 17:55	1

Pasco County Environmental Laboratory

8864 Government Drive

New Port Richey, FL 34654

March 21, 2013

Work Order: 1302525

*** Qualifiers, Notes and Definitions**

Results followed by a "U" indicate that the sample was analyzed but the compound was not detected. Results followed by "I" indicate that the reported value is between the laboratory method detection limits and the laboratory practical quantitation limit.

A statement of estimated uncertainty of test results is available upon request.

For methods marked with **, all QC criteria have been met for this method which is equivalent to a SAL certified method.

Test results in this report meet all the requirements of the NELAC standards. Any applicable qualifiers are shown below.

Questions regarding this report should be directed to :

Christy Whitehurst

Telephone (813) 855-1844 FAX (813) 855-2218

Christy@southernanalyticallabs.com

or to Client Services (clientservices@southernanalyticallabs.com).



Chain of Custody.xls
Rev.Date 11/19/01

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

April 8, 2013
Work Order: 1303088

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description 4MW-7 2340
Matrix Groundwater
SAL Sample Number 1303088-01
Date/Time Collected 03/11/13 09:19
Collected by Wilfred Martfeld
Date/Time Received 03/20/13 14:55

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.009 u	EPA 350.1	0.040	0.009		04/06/13 11:48	1

Pasco County Environmental Laboratory**8864 Government Drive****New Port Richey, FL 34654****April 8, 2013****Work Order: 1303088****Laboratory Report****Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description **4MW-9 2342**
Matrix **Groundwater**
SAL Sample Number **1303088-02**
Date/Time Collected **03/11/13 10:21**
Collected by **Wilfred Martfeld**
Date/Time Received **03/20/13 14:55**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.020 I	EPA 350.1	0.040	0.009		04/08/13 09:40	1

Pasco County Environmental Laboratory**8864 Government Drive****New Port Richey, FL 34654****April 8, 2013****Work Order: 1303088****Laboratory Report****Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description **4MW-8 2341**
Matrix **Groundwater**
SAL Sample Number **1303088-03**
Date/Time Collected **03/11/13 11:11**
Collected by **Wilfred Martfeld**
Date/Time Received **03/20/13 14:55**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.009 u	EPA 350.1	0.040	0.009		04/08/13 08:46	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

April 8, 2013
Work Order: 1303088

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description 2MW-27D 23450
Matrix Groundwater
SAL Sample Number 1303088-04
Date/Time Collected 03/11/13 13:32
Collected by Wilfred Martfeld
Date/Time Received 03/20/13 14:55

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.009 u	EPA 350.1	0.040	0.009		04/08/13 08:47	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

April 8, 2013
Work Order: 1303088

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description 4WMW-21 23065
Matrix Groundwater
SAL Sample Number 1303088-05
Date/Time Collected 03/11/13 09:30
Collected by Wilfred Martfeld
Date/Time Received 03/20/13 14:55

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.016 I	EPA 350.1	0.040	0.009		04/06/13 11:56	1

Pasco County Environmental Laboratory
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New Port Richey, FL 34654

April 8, 2013
Work Order: 1303088

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description 4MW-22 23066
Matrix Groundwater
SAL Sample Number 1303088-06
Date/Time Collected 03/11/13 10:20
Collected by Wilfred Martfeld
Date/Time Received 03/20/13 14:55

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.022 I	EPA 350.1	0.040	0.009		04/06/13 12:06	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

April 8, 2013
Work Order: 1303088

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description 4MW-27 23451
Matrix Groundwater
SAL Sample Number 1303088-07
Date/Time Collected 03/11/13 13:59
Collected by Wilfred Martfeld
Date/Time Received 03/20/13 14:55

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.037 I	EPA 350.1	0.040	0.009		04/08/13 09:42	1

Pasco County Environmental Laboratory**8864 Government Drive****New Port Richey, FL 34654****April 8, 2013****Work Order: 1303088****Laboratory Report****Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description **4MW-27D 23452**
Matrix **Groundwater**
SAL Sample Number **1303088-08**
Date/Time Collected **03/11/13 15:31**
Collected by **Wilfred Martfeld**
Date/Time Received **03/20/13 14:55**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.009 u	EPA 350.1	0.040	0.009		04/08/13 08:49	1

Pasco County Environmental Laboratory

8864 Government Drive

New Port Richey, FL 34654

April 8, 2013

Work Order: 1303088

*** Qualifiers, Notes and Definitions**

Results followed by a "U" indicate that the sample was analyzed but the compound was not detected. Results followed by "I" indicate that the reported value is between the laboratory method detection limits and the laboratory practical quantitation limit.

A statement of estimated uncertainty of test results is available upon request.

For methods marked with **, all QC criteria have been met for this method which is equivalent to a SAL certified method.

Test results in this report meet all the requirements of the NELAC standards. Any applicable qualifiers are shown below.

Questions regarding this report should be directed to :

Christy Whitehurst

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Christy@southernanalyticallabs.com

or to Client Services (clientservices@southernanalyticallabs.com).



Pasco County Environmental Laboratory
 8864 Government Drive
 New Port Richey, FL 34654
 (727) 847-8902 Fax: (727) 847-8112

CHAIN OF CUSTODY RECORD

Page ____ of ____

FOR LAB USE ONLY

Temp. of Contents: _____ ° C (or Received on Ice, ROI)
 Address: _____

FOR LAB USE ONLY
 LOG IN NO. **1303088**

1. Client: (Company or Individual)
Pasco County Environmental Laboratory
 Candien Muhiern

2. Report to: (if different from above)
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: () _____ Fax: () _____

3. Client Project Name:
Resource Recovery

4. Sampled by: (Print)
W. Martfeld

5. Sampled by: (Signature)
W. Martfeld (Signature)

6. Shipping Method:

Item	7. Sample ID or No.	8. Sample Description	9.		10.		11.					No. of Containers	Analyses	NH ₃	16. REMARK	For Lab Use Only LAB SAMPLE NO.
			Sample Date	Sample Time	Comp.	Grab	Water (Codes)	Leachate	Soil	Sludge	Other					
1.		4 MW-7	3/11/13	09:19		✓	GW					1	✓			
2.		4 MW-9	3/11/13	10:21		✓	GW					1	✓			
3.		4 MW-8	3/11/13	11:11		✓	GW					1	✓			
4.		2 MW-27D	3/11/13	13:32		✓	GW					1	✓			
5.		4 MW-21	3/12/13	09:30		✓	GW					1	✓			
6.		4 MW-22	3/12/13	10:20		✓	GW					1	✓		Sent to S.A.L.	
7.		4 MW-27	3/11/13	13:54		✓	GW					1	✓			
8.		4 MW-27D	3/11/13	15:31		✓	GW					1	✓		3/20/13	
9.																
10.																

RELINQUISHED BY		DATE	TIME	RECEIVED BY		DATE	TIME
<i>W. Martfeld</i>		3/20/13	1355	<i>W. Martfeld</i>		3/20/13	1355
<i>W. Martfeld</i>		3/20/13	1455	<i>W. Martfeld</i>		3/20/13	1455

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 27, 2013
Work Order: 1302799

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **4MW-7 2340**
 Matrix **Groundwater**
 SAL Sample Number **1302799-01**
 Date/Time Collected **03/11/13 09:19**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/13/13 14:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:51	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:51	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:51	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:51	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:51	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:51	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 19:51	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 19:51	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 19:51	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:51	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:51	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 19:51	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/14/13 19:51	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/14/13 19:51	1
Acetone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 19:51	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/14/13 19:51	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 19:51	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 19:51	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:51	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:51	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 19:51	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:51	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:51	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 19:51	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 19:51	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:51	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 19:51	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 19:51	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:51	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 19:51	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:51	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/14/13 19:51	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 19:51	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 27, 2013
Work Order: 1302799

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **4MW-7 2340**
 Matrix **Groundwater**
 SAL Sample Number **1302799-01**
 Date/Time Collected **03/11/13 09:19**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/13/13 14:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 19:51	1
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		03/14/13 19:51	1
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 19:51	1
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/14/13 19:51	1
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 19:51	1
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 19:51	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		03/14/13 19:51	1
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 19:51	1
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 19:51	1
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/14/13 19:51	1
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/14/13 19:51	1
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/14/13 19:51	1
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 19:51	1
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 19:51	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	98 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	103 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	99 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	102 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	03/20/13 12:30	03/21/13 01:16	1
1,2-Dibromoethane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	03/20/13 12:30	03/21/13 01:16	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	98 %	Limits		85-123			

Metals

Antimony	ug/L	0.079 I	EPA 6020	0.50	0.071	03/21/13 13:55	03/26/13 10:28	1
Arsenic	ug/L	0.93 U	EPA 6020	5.0	0.93	03/18/13 14:17	03/20/13 15:44	1
Barium	ug/L	9.4	EPA 6020	0.50	0.18	03/18/13 14:17	03/20/13 15:44	1
Beryllium	ug/L	0.096 U	EPA 6010	1.0	0.096	03/20/13 10:13	03/26/13 16:43	1
Cadmium	ug/L	0.27 U	EPA 6020	0.50	0.27	03/18/13 14:17	03/20/13 15:44	1
Chromium	ug/L	0.37 I	EPA 6020	5.0	0.35	03/18/13 14:17	03/20/13 15:44	1
Cobalt	ug/L	10 U	EPA 6010	100	10	03/20/13 10:13	03/26/13 16:43	1
Copper	ug/L	0.29 I	EPA 6020	0.50	0.13	03/18/13 14:17	03/20/13 15:44	1
Lead	ug/L	0.25 U	EPA 6020	0.50	0.25	03/18/13 14:17	03/20/13 15:44	1
Nickel	ug/L	2.2 I	EPA 6020	5.0	0.46	03/18/13 14:17	03/20/13 15:44	1
Selenium	ug/L	0.93 U	EPA 6020	5.0	0.93	03/21/13 13:55	03/26/13 10:28	1

Pasco County Environmental Laboratory**8864 Government Drive****New Port Richey, FL 34654****March 27, 2013****Work Order: 1302799****Laboratory Report****Project Name PASCO COUNTY RESOURCE RECOVERY**

Sample Description **4MW-7 2340**
Matrix **Groundwater**
SAL Sample Number **1302799-01**
Date/Time Collected **03/11/13 09:19**
Collected by **Wilfred Martfeld**
Date/Time Received **03/13/13 14:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 u	EPA 6010	20	1.1	03/20/13 10:13	03/26/13 16:43	1
Thallium	ug/L	0.24 u	EPA 6020	0.50	0.24	03/18/13 14:17	03/20/13 15:44	1
Vanadium	ug/L	7.9 l	EPA 6010	10	7.8	03/20/13 10:13	03/26/13 16:43	1
Zinc	ug/L	0.88 u	EPA 6020	5.0	0.88	03/18/13 14:17	03/21/13 14:09	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 27, 2013
Work Order: 1302799

Laboratory Report

Project Name		PASCO COUNTY RESOURCE RECOVERY						
Sample Description		4MW-9 2342						
Matrix		Groundwater						
SAL Sample Number		1302799-02						
Date/Time Collected		03/11/13 10:21						
Collected by		Wilfred Martfeld						
Date/Time Received		03/13/13 14:00						
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:24	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:24	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:24	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:24	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:24	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:24	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 20:24	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 20:24	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 20:24	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:24	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:24	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 20:24	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/14/13 20:24	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/14/13 20:24	1
Acetone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 20:24	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/14/13 20:24	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 20:24	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 20:24	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:24	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:24	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 20:24	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:24	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:24	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 20:24	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 20:24	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:24	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 20:24	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 20:24	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:24	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 20:24	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:24	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/14/13 20:24	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:24	1

Pasco County Environmental Laboratory
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March 27, 2013
Work Order: 1302799

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **4MW-9 2342**
 Matrix **Groundwater**
 SAL Sample Number **1302799-02**
 Date/Time Collected **03/11/13 10:21**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/13/13 14:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 20:24	1
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		03/14/13 20:24	1
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 20:24	1
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/14/13 20:24	1
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 20:24	1
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 20:24	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		03/14/13 20:24	1
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 20:24	1
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 20:24	1
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/14/13 20:24	1
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/14/13 20:24	1
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/14/13 20:24	1
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 20:24	1
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 20:24	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	100 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	101 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	100 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	100 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	03/20/13 12:30	03/21/13 01:37	1
1,2-Dibromoethane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	03/20/13 12:30	03/21/13 01:37	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	100 %	Limits		85-123			

Metals

Antimony	ug/L	0.071 U	EPA 6020	0.50	0.071	03/21/13 13:55	03/26/13 10:31	1
Arsenic	ug/L	0.93 U	EPA 6020	5.0	0.93	03/18/13 14:17	03/20/13 15:50	1
Barium	ug/L	8.1	EPA 6020	0.50	0.18	03/18/13 14:17	03/20/13 15:50	1
Beryllium	ug/L	0.096 U	EPA 6010	1.0	0.096	03/20/13 10:13	03/26/13 16:47	1
Cadmium	ug/L	0.27 U	EPA 6020	0.50	0.27	03/18/13 14:17	03/20/13 15:50	1
Chromium	ug/L	0.45 I	EPA 6020	5.0	0.35	03/18/13 14:17	03/20/13 15:50	1
Cobalt	ug/L	10 U	EPA 6010	100	10	03/20/13 10:13	03/26/13 16:47	1
Copper	ug/L	0.17 I	EPA 6020	0.50	0.13	03/18/13 14:17	03/20/13 15:50	1
Lead	ug/L	0.25 U	EPA 6020	0.50	0.25	03/18/13 14:17	03/20/13 15:50	1
Nickel	ug/L	2.6 I	EPA 6020	5.0	0.46	03/18/13 14:17	03/20/13 15:50	1
Selenium	ug/L	0.93 U	EPA 6020	5.0	0.93	03/21/13 13:55	03/26/13 10:31	1

Pasco County Environmental Laboratory
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March 27, 2013
Work Order: 1302799

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **4MW-9 2342**
Matrix **Groundwater**
SAL Sample Number **1302799-02**
Date/Time Collected **03/11/13 10:21**
Collected by **Wilfred Martfeld**
Date/Time Received **03/13/13 14:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 U	EPA 6010	20	1.1	03/20/13 10:13	03/26/13 16:47	1
Thallium	ug/L	0.24 U	EPA 6020	0.50	0.24	03/18/13 14:17	03/20/13 15:50	1
Vanadium	ug/L	7.8 U	EPA 6010	10	7.8	03/20/13 10:13	03/26/13 16:47	1
Zinc	ug/L	4.4 I	EPA 6020	5.0	0.88	03/18/13 14:17	03/21/13 14:15	1

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March 27, 2013
Work Order: 1302799

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **4MW-8 2341**
 Matrix **Groundwater**
 SAL Sample Number **1302799-03**
 Date/Time Collected **03/11/13 11:11**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/13/13 14:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:56	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:56	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:56	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:56	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:56	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:56	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 20:56	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 20:56	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 20:56	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:56	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:56	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 20:56	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/14/13 20:56	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/14/13 20:56	1
Acetone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 20:56	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/14/13 20:56	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 20:56	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 20:56	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:56	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:56	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 20:56	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:56	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:56	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 20:56	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 20:56	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:56	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 20:56	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 20:56	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:56	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 20:56	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:56	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/14/13 20:56	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 20:56	1

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Work Order: 1302799

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **4MW-8 2341**
 Matrix **Groundwater**
 SAL Sample Number **1302799-03**
 Date/Time Collected **03/11/13 11:11**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/13/13 14:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 20:56	1
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		03/14/13 20:56	1
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 20:56	1
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/14/13 20:56	1
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 20:56	1
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 20:56	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		03/14/13 20:56	1
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 20:56	1
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 20:56	1
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/14/13 20:56	1
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/14/13 20:56	1
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/14/13 20:56	1
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 20:56	1
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 20:56	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	103 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	100 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	101 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	101 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	03/20/13 12:30	03/21/13 01:59	1
1,2-Dibromoethane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	03/20/13 12:30	03/21/13 01:59	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	98 %	Limits		85-123			

Metals

Antimony	ug/L	0.071 U	EPA 6020	0.50	0.071	03/21/13 13:55	03/26/13 10:33	1
Arsenic	ug/L	0.97 I	EPA 6020	5.0	0.93	03/18/13 14:17	03/20/13 16:22	1
Barium	ug/L	7.6	EPA 6020	0.50	0.18	03/18/13 14:17	03/20/13 16:22	1
Beryllium	ug/L	0.096 U	EPA 6010	1.0	0.096	03/20/13 10:13	03/26/13 16:50	1
Cadmium	ug/L	0.27 U	EPA 6020	0.50	0.27	03/18/13 14:17	03/20/13 16:22	1
Chromium	ug/L	0.43 I	EPA 6020	5.0	0.35	03/18/13 14:17	03/20/13 16:22	1
Cobalt	ug/L	10 U	EPA 6010	100	10	03/20/13 10:13	03/26/13 16:50	1
Copper	ug/L	0.16 I	EPA 6020	0.50	0.13	03/18/13 14:17	03/20/13 16:22	1
Lead	ug/L	0.25 U	EPA 6020	0.50	0.25	03/18/13 14:17	03/20/13 16:22	1
Nickel	ug/L	2.4 I	EPA 6020	5.0	0.46	03/18/13 14:17	03/20/13 16:22	1
Selenium	ug/L	0.93 U	EPA 6020	5.0	0.93	03/21/13 13:55	03/26/13 10:33	1

Pasco County Environmental Laboratory
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Work Order: 1302799

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description 4MW-8 2341
Matrix Groundwater
SAL Sample Number 1302799-03
Date/Time Collected 03/11/13 11:11
Collected by Wilfred Martfeld
Date/Time Received 03/13/13 14:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 u	EPA 6010	20	1.1	03/20/13 10:13	03/26/13 16:50	1
Thallium	ug/L	0.24 u	EPA 6020	0.50	0.24	03/18/13 14:17	03/20/13 16:22	1
Vanadium	ug/L	7.8 u	EPA 6010	10	7.8	03/20/13 10:13	03/26/13 16:50	1
Zinc	ug/L	0.88 u	EPA 6020	5.0	0.88	03/18/13 14:17	03/21/13 14:22	1

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Work Order: 1302799

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY
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Sample Description	2MW-27D 23450
Matrix	Groundwater
SAL Sample Number	1302799-04
Date/Time Collected	03/11/13 13:32
Collected by	Wilfred Martfeld
Date/Time Received	03/13/13 14:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 21:29	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 21:29	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 21:29	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 21:29	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 21:29	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 21:29	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 21:29	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 21:29	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 21:29	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 21:29	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 21:29	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 21:29	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/14/13 21:29	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/14/13 21:29	1
Acetone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 21:29	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/14/13 21:29	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 21:29	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 21:29	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 21:29	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 21:29	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 21:29	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 21:29	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 21:29	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 21:29	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 21:29	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 21:29	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 21:29	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 21:29	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 21:29	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 21:29	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 21:29	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/14/13 21:29	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 21:29	1

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Work Order: 1302799

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY
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Sample Description	2MW-27D 23450
Matrix	Groundwater
SAL Sample Number	1302799-04
Date/Time Collected	03/11/13 13:32
Collected by	Wilfred Martfeld
Date/Time Received	03/13/13 14:00

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 21:29	1
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		03/14/13 21:29	1
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 21:29	1
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/14/13 21:29	1
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 21:29	1
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 21:29	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		03/14/13 21:29	1
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 21:29	1
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 21:29	1
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/14/13 21:29	1
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/14/13 21:29	1
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/14/13 21:29	1
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 21:29	1
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 21:29	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	101 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	101 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	101 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	103 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	03/20/13 12:30	03/21/13 02:21	1
1,2-Dibromoethane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	03/20/13 12:30	03/21/13 02:21	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	98 %	Limits		85-123			

Metals

Antimony	ug/L	0.071 U	EPA 6020	0.50	0.071	03/21/13 13:55	03/26/13 10:36	1
Arsenic	ug/L	1.4 I	EPA 6020	5.0	0.93	03/18/13 14:17	03/20/13 16:29	1
Barium	ug/L	28	EPA 6020	0.50	0.18	03/18/13 14:17	03/20/13 16:29	1
Beryllium	ug/L	0.096 U	EPA 6010	1.0	0.096	03/20/13 10:13	03/26/13 16:54	1
Cadmium	ug/L	0.27 U	EPA 6020	0.50	0.27	03/18/13 14:17	03/20/13 16:29	1
Chromium	ug/L	0.64 I	EPA 6020	5.0	0.35	03/18/13 14:17	03/20/13 16:29	1
Cobalt	ug/L	10 U	EPA 6010	100	10	03/20/13 10:13	03/26/13 16:54	1
Copper	ug/L	0.64	EPA 6020	0.50	0.13	03/18/13 14:17	03/20/13 16:29	1
Lead	ug/L	0.25 U	EPA 6020	0.50	0.25	03/18/13 14:17	03/20/13 16:29	1
Nickel	ug/L	6.2	EPA 6020	5.0	0.46	03/18/13 14:17	03/20/13 16:29	1
Selenium	ug/L	3.3 I	EPA 6020	5.0	0.93	03/21/13 13:55	03/26/13 10:36	1

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Sample Description **2MW-27D 23450**
Matrix **Groundwater**
SAL Sample Number **1302799-04**
Date/Time Collected **03/11/13 13:32**
Collected by **Wilfred Martfeld**
Date/Time Received **03/13/13 14:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 u	EPA 6010	20	1.1	03/20/13 10:13	03/26/13 16:54	1
Thallium	ug/L	0.24 u	EPA 6020	0.50	0.24	03/18/13 14:17	03/20/13 16:29	1
Vanadium	ug/L	9.0 l	EPA 6010	10	7.8	03/20/13 10:13	03/26/13 16:54	1
Zinc	ug/L	0.88 u	EPA 6020	5.0	0.88	03/18/13 14:17	03/21/13 14:28	1

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Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **4MW-27 23451**
 Matrix **Groundwater**
 SAL Sample Number **1302799-05**
 Date/Time Collected **03/11/13 13:59**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/13/13 14:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:01	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:01	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:01	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:01	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:01	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:01	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 22:01	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 22:01	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 22:01	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:01	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:01	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 22:01	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/14/13 22:01	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/14/13 22:01	1
Acetone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 22:01	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/14/13 22:01	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 22:01	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 22:01	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:01	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:01	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 22:01	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:01	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:01	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 22:01	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 22:01	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:01	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 22:01	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 22:01	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:01	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 22:01	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:01	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/14/13 22:01	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:01	1

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Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **4MW-27 23451**
 Matrix **Groundwater**
 SAL Sample Number **1302799-05**
 Date/Time Collected **03/11/13 13:59**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/13/13 14:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:01	1
Styrene	ug/L	0.05 u	EPA 8260	0.8	0.05		03/14/13 22:01	1
Tetrachloroethene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 22:01	1
Toluene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 22:01	1
trans-1,2-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:01	1
trans-1,3-Dichloropropene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 22:01	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 u	EPA 8260	0.8	0.3		03/14/13 22:01	1
Trichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:01	1
Trichlorofluoromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:01	1
Vinyl acetate	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 22:01	1
Vinyl chloride	ug/L	0.3 u	EPA 8260	1.6	0.3		03/14/13 22:01	1
Xylene-m,p	ug/L	0.2 u	EPA 8260	1.6	0.2		03/14/13 22:01	1
Xylene-o	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:01	1
Xylenes- Total	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 22:01	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	101 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	102 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	101 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	101 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0053 u	EPA 8011	0.021	0.0053	03/20/13 12:30	03/21/13 02:42	1
1,2-Dibromoethane	ug/L	0.0053 u	EPA 8011	0.021	0.0053	03/20/13 12:30	03/21/13 02:42	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	98 %	Limits		85-123			

Metals

Antimony	ug/L	0.071 u	EPA 6020	0.50	0.071	03/21/13 13:55	03/26/13 10:39	1
Arsenic	ug/L	0.93 u	EPA 6020	5.0	0.93	03/18/13 14:17	03/20/13 16:35	1
Barium	ug/L	23	EPA 6020	0.50	0.18	03/18/13 14:17	03/20/13 16:35	1
Beryllium	ug/L	0.096 u	EPA 6010	1.0	0.096	03/20/13 10:13	03/26/13 17:04	1
Cadmium	ug/L	0.27 u	EPA 6020	0.50	0.27	03/18/13 14:17	03/20/13 16:35	1
Chromium	ug/L	0.52 l	EPA 6020	5.0	0.35	03/18/13 14:17	03/20/13 16:35	1
Cobalt	ug/L	10 u	EPA 6010	100	10	03/20/13 10:13	03/26/13 17:04	1
Copper	ug/L	0.62	EPA 6020	0.50	0.13	03/18/13 14:17	03/20/13 16:35	1
Lead	ug/L	0.25 u	EPA 6020	0.50	0.25	03/18/13 14:17	03/20/13 16:35	1
Nickel	ug/L	5.8	EPA 6020	5.0	0.46	03/18/13 14:17	03/20/13 16:35	1
Selenium	ug/L	3.6 l	EPA 6020	5.0	0.93	03/21/13 13:55	03/26/13 10:39	1

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Sample Description **4MW-27 23451**
Matrix **Groundwater**
SAL Sample Number **1302799-05**
Date/Time Collected **03/11/13 13:59**
Collected by **Wilfred Martfeld**
Date/Time Received **03/13/13 14:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 u	EPA 6010	20	1.1	03/20/13 10:13	03/26/13 17:04	1
Thallium	ug/L	0.24 u	EPA 6020	0.50	0.24	03/18/13 14:17	03/20/13 16:35	1
Vanadium	ug/L	26	EPA 6010	10	7.8	03/20/13 10:13	03/26/13 17:04	1
Zinc	ug/L	0.88 u	EPA 6020	5.0	0.88	03/18/13 14:17	03/21/13 14:35	1

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Laboratory Report

Project Name		PASCO COUNTY RESOURCE RECOVERY						
Sample Description		4MW-27D 23452						
Matrix		Groundwater						
SAL Sample Number		1302799-06						
Date/Time Collected		03/11/13 15:31						
Collected by		Wilfred Martfeld						
Date/Time Received		03/13/13 14:00						
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Volatile Organic Compounds</u>								
1,1,1,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:34	1
1,1,1-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:34	1
1,1,2,2-Tetrachloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:34	1
1,1,2-Trichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:34	1
1,1-Dichloroethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:34	1
1,1-Dichloroethene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:34	1
1,2,3-Trichloropropane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 22:34	1
1,2-Dichlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 22:34	1
1,2-Dichloroethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 22:34	1
1,2-Dichloropropane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:34	1
1,4-Dichlorobenzene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:34	1
2-Butanone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 22:34	1
2-Hexanone	ug/L	2.1 u	EPA 8260	4.0	2.1		03/14/13 22:34	1
4-Methyl-2-pentanone	ug/L	2.6 u	EPA 8260	4.0	2.6		03/14/13 22:34	1
Acetone	ug/L	2.0 u	EPA 8260	4.0	2.0		03/14/13 22:34	1
Acrylonitrile	ug/L	1.3 u	EPA 8260	4.0	1.3		03/14/13 22:34	1
Benzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 22:34	1
Bromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 22:34	1
Bromodichloromethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:34	1
Bromoform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:34	1
Bromomethane	ug/L	0.4 u	EPA 8260	0.8	0.4		03/14/13 22:34	1
Carbon disulfide	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:34	1
Carbon tetrachloride	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:34	1
Chlorobenzene	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 22:34	1
Chloroethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 22:34	1
Chloroform	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:34	1
Chloromethane	ug/L	0.4 u	EPA 8260	1.6	0.4		03/14/13 22:34	1
cis-1,2-Dichloroethene	ug/L	0.09 u	EPA 8260	0.8	0.09		03/14/13 22:34	1
cis-1,3-Dichloropropene	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:34	1
Dibromochloromethane	ug/L	0.1 u	EPA 8260	0.8	0.1		03/14/13 22:34	1
Dibromomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:34	1
Ethylbenzene	ug/L	0.08 u	EPA 8260	0.8	0.08		03/14/13 22:34	1
Iodomethane	ug/L	0.2 u	EPA 8260	0.8	0.2		03/14/13 22:34	1

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Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description **4MW-27D 23452**
 Matrix **Groundwater**
 SAL Sample Number **1302799-06**
 Date/Time Collected **03/11/13 15:31**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/13/13 14:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 22:34	1
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		03/14/13 22:34	1
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 22:34	1
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/14/13 22:34	1
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 22:34	1
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 22:34	1
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		03/14/13 22:34	1
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 22:34	1
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 22:34	1
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/14/13 22:34	1
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/14/13 22:34	1
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/14/13 22:34	1
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/14/13 22:34	1
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/14/13 22:34	1
Surrogate for EPA 8260	1,2-Dichloroethane-d4	101 %	Limits		65-135			
Surrogate for EPA 8260	4-Bromofluorobenzene	102 %	Limits		65-135			
Surrogate for EPA 8260	Dibromofluoromethane	100 %	Limits		65-135			
Surrogate for EPA 8260	Toluene-d8	101 %	Limits		65-135			

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	03/20/13 12:30	03/21/13 03:04	1
1,2-Dibromoethane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	03/20/13 12:30	03/21/13 03:04	1
Surrogate for EPA 8011	2-Bromo-1-chloropropane	97 %	Limits		85-123			

Metals

Antimony	ug/L	0.097 I	EPA 6020	0.50	0.071	03/21/13 13:55	03/26/13 10:51	1
Arsenic	ug/L	0.93 U	EPA 6020	5.0	0.93	03/18/13 14:17	03/20/13 16:42	1
Barium	ug/L	9.6	EPA 6020	0.50	0.18	03/18/13 14:17	03/20/13 16:42	1
Beryllium	ug/L	0.096 U	EPA 6010	1.0	0.096	03/20/13 10:13	03/26/13 17:08	1
Cadmium	ug/L	0.27 U	EPA 6020	0.50	0.27	03/18/13 14:17	03/20/13 16:42	1
Chromium	ug/L	0.47 I	EPA 6020	5.0	0.35	03/18/13 14:17	03/20/13 16:42	1
Cobalt	ug/L	10 U	EPA 6010	100	10	03/20/13 10:13	03/26/13 17:08	1
Copper	ug/L	0.25 I	EPA 6020	0.50	0.13	03/18/13 14:17	03/20/13 16:42	1
Lead	ug/L	0.25 U	EPA 6020	0.50	0.25	03/18/13 14:17	03/20/13 16:42	1
Nickel	ug/L	1.6 I	EPA 6020	5.0	0.46	03/18/13 14:17	03/20/13 16:42	1
Selenium	ug/L	0.93 U	EPA 6020	5.0	0.93	03/21/13 13:55	03/26/13 10:51	1

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Sample Description **4MW-27D 23452**
Matrix **Groundwater**
SAL Sample Number **1302799-06**
Date/Time Collected **03/11/13 15:31**
Collected by **Wilfred Martfeld**
Date/Time Received **03/13/13 14:00**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
Silver	ug/L	1.1 U	EPA 6010	20	1.1	03/20/13 10:13	03/26/13 17:08	1
Thallium	ug/L	0.24 U	EPA 6020	0.50	0.24	03/18/13 14:17	03/20/13 16:42	1
Vanadium	ug/L	7.8 U	EPA 6010	10	7.8	03/20/13 10:13	03/26/13 17:08	1
Zinc	ug/L	1.6 I	EPA 6020	5.0	0.88	03/18/13 14:17	03/21/13 14:41	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 27, 2013
Work Order: 1302799

*** Qualifiers, Notes and Definitions**

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A statement of estimated uncertainty of test results is available upon request.

For methods marked with **, all QC criteria have been met for this method which is equivalent to a SAL certified method.

Test results in this report meet all the requirements of the NELAC standards. Any applicable qualifiers are shown below.

Questions regarding this report should be directed to :

Christy Whitehurst
Telephone (813) 855-1844 FAX (813) 855-2218
Christy@southernanalyticallabs.com

or to Client Services (clientservices@southernanalyticallabs.com).

A handwritten signature in black ink, appearing to read "Francis I. Daniels".

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218

SAL Project No. 1302799

Client Name		Pasco Co Utilities		Contact / Phone:		Candia Mulhern 727-847-8902													
Project Name / Location		45799 Resource Recovery		Appendix I Analyses															
Sample(s) (Signature)		<i>Wilfred M...</i>																	
Matrix Codes:																			
DW-Drinking Water WW-Wastewater																			
SW-Surface Water SL-Sludge SO-Soil																			
GW-Groundwater SA-Saline Water O-Other																			
R-Reagent Water																			
SAL Use Only	Sample Description	Date	Time	Matrix	Composite	Grab	250 mL P. HNO3 * Ag, As, Ba, Be, Cd, Cr, Co, Cu, Ni, Pb, Sb, Se, Tl, V, Zn	40 mL Vials, HCl 8260 App. I Volatiles	40 mL Vials, Cool 8011 Organics ** (DBCP, EDB only)	PARAMETER / CONTAINER DESCRIPTION			No. of Containers (Total per each location)						
01	4mw-7	3/11/13	0919	GW		X	1	3	3				7						
02	Trip Blank			R		X		1					1						
02	4mw-9	3/11/13	1021	GW		X	1	3	3				7						
03	4mw-8	3/11/13	1111	GW		X	1	3	3				7						
04	2mw-27D	3/11/13	1332	GW		X	1	3	3				7						
05	4mw-27	3/11/13	1359	GW		X	1	3	3				7						
06	4mw-27D	3/11/13	1531	GW		X	1	3	3				7						
Instructions / Remarks																			
Containers Prepared/Relinquished:		Date/Time: 1515	Received:	Date/Time: 0700	Seal intact?	Samples intact upon arrival?			Received on ice? Temp 1.1			Proper preservatives indicated?		Rec'd within holding time?		Volatiles rec'd w/out headspace?		Proper containers used?	
Relinquished:		Date/Time: 02-12-13	Received:	Date/Time: 03-11-13															
Relinquished:		Date/Time: 1600	Received:	Date/Time: 03-11-13															
Relinquished:		Date/Time: 1315	Received:	Date/Time: 03-11-13															
Relinquished:		Date/Time: 1400	Received:	Date/Time: 03-13-13															
Relinquished:		Date/Time: 3-13-13	Received:	Date/Time: 3-13-13															
Relinquished:		Date/Time: 3-13-13	Received:	Date/Time: 3-13-13															

Chain of Custody, RH Rev Date 11/1/01

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 6, 2013
Work Order: 1302013

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description A-1 PRIMARY 2454
Matrix Other aqueous
SAL Sample Number 1302013-01
Date/Time Collected 02/19/13 13:50
Collected by Wilfred Martfeld
Date/Time Received 02/20/13 15:10

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.17	EPA 350.1	0.040	0.009		03/05/13 11:05	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 6, 2013
Work Order: 1302013

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description A-1 SECONDARY 2455
Matrix Other aqueous
SAL Sample Number 1302013-02
Date/Time Collected 02/20/13 14:50
Collected by Wilfred Martfeld
Date/Time Received 02/20/13 15:10

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.081	EPA 350.1	0.040	0.009		03/05/13 11:07	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 6, 2013
Work Order: 1302013

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description SW-1 PRIMARY 2456
Matrix Other aqueous
SAL Sample Number 1302013-03
Date/Time Collected 02/19/13 11:40
Collected by Wilfred Martfeld
Date/Time Received 02/20/13 15:10

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	460	EPA 350.1	40	9.5		03/05/13 13:55	1000

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 6, 2013
Work Order: 1302013

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description SW-1 SECONDARY 2457
Matrix Other aqueous
SAL Sample Number 1302013-04
Date/Time Collected 02/19/13 12:50
Collected by Wilfred Martfeld
Date/Time Received 02/20/13 15:10

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	130	EPA 350.1	4.0	0.95		03/05/13 13:21	100

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 6, 2013
Work Order: 1302013

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description WP CL-III Tank-1
Matrix Other aqueous
SAL Sample Number 1302013-05
Date/Time Collected 02/19/13 10:00
Collected by Wilfred Martfeld
Date/Time Received 02/20/13 15:10

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	70	EPA 350.1	2.0	0.47		03/05/13 12:49	50

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 6, 2013
Work Order: 1302013

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description WP CL-III Tank-2
Matrix Other aqueous
SAL Sample Number 1302013-06
Date/Time Collected 02/19/13 10:50
Collected by Wilfred Martfeld
Date/Time Received 02/20/13 15:10

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.26	EPA 350.1	0.040	0.009		03/05/13 11:15	1

Pasco County Environmental Laboratory
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New Port Richey, FL 34654

March 6, 2013
Work Order: 1302013

*** Qualifiers, Notes and Definitions**

Results followed by a "U" indicate that the sample was analyzed but the compound was not detected. Results followed by "I" indicate that the reported value is between the laboratory method detection limits and the laboratory practical quantitation limit.

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or to Client Services (clientservices@southernanalyticallabs.com).



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 New Port Richey, FL 34654
 (727) 847-8902 Fax: (727) 847-8112

CHAIN OF CUSTODY RECORD

Page ____ of ____

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Temp. of Contents: _____ ° C (or Received on Ice, ROI)
 Condition of Contents: _____
 Address: _____

FOR LAB USE ONLY

LOG IN NO. **302013**

1. Client: (Company or Individual)
Pasco County Environmental Laboratory
 Phone: () () ()
 Fax: () () ()

2. Report to: (if different from above)
Candice Mulhern
 City: _____ State: _____ Zip Code: _____
 Address: _____
 Phone: () () ()
 Fax: () () ()

3. Client Project Name:
Resource Recovery Leachate

4. Sampled by: (Print)
W. Martfeld

5. Sampled by: (Signature)
W. Martfeld

6. Shipping Method:
(Signature)

Item	7. Sample ID or No.	8. Sample Description	9. Sample Date	10.			11.			12. No. of Containers	13. Preservatives			14. Containers	15. Analyses Requested	16. REMARK	17. LAB SAMPLE NO.
				Water Sample Codes (for Item 11)	Container Codes (for Item 14)	Other	Comp.	Grab	Water (Codes)	Leachate	Soil	Sludge	Other				
1.	01	A-1 Prim. Leachate	2/19/13	13:30	✓ LE									✓			
2.	02	A-1 Sec. Leachate	2/19/13	14:50	✓ LE									✓			
3.	03	SW-1 Prim. Leachate	2/19/13	11:40	✓ LE									✓		Sent to	
4.	04	SW-1 Sec. Leachate	2/19/13	12:50	✓ LE									✓		S.A.L.	
5.	05	WP CL-III Tank-1	2/19/13	10:00	✓ LE									✓		2/20/13	
6.	06	WP CL-III Tank-2	2/19/13	10:50	✓ LE									✓			
7.																	
8.																	
9.																	
10.																	

17.	RELINQUISHED BY	DATE	TIME	18. RECEIVED BY	DATE	TIME
1.	(Signature)	2/20/13	14:15	(Signature)	2/20/13	14:15
2.	(Signature)	2/20/13	15:10	(Signature)	2/20/13	15:10
3.						
4.						

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 6, 2013
Work Order: 1302013

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description A-1 PRIMARY 2454
Matrix Other aqueous
SAL Sample Number 1302013-01
Date/Time Collected 02/19/13 13:50
Collected by Wilfred Martfeld
Date/Time Received 02/20/13 15:10

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.17	EPA 350.1	0.040	0.009		03/05/13 11:05	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 6, 2013
Work Order: 1302013

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description A-1 SECONDARY 2455
Matrix Other aqueous
SAL Sample Number 1302013-02
Date/Time Collected 02/20/13 14:50
Collected by Wilfred Martfeld
Date/Time Received 02/20/13 15:10

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.081	EPA 350.1	0.040	0.009		03/05/13 11:07	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 6, 2013
Work Order: 1302013

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description SW-1 PRIMARY 2456
Matrix Other aqueous
SAL Sample Number 1302013-03
Date/Time Collected 02/19/13 11:40
Collected by Wilfred Martfeld
Date/Time Received 02/20/13 15:10

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	460	EPA 350.1	40	9.5		03/05/13 13:55	1000

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 6, 2013
Work Order: 1302013

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description SW-1 SECONDARY 2457
Matrix Other aqueous
SAL Sample Number 1302013-04
Date/Time Collected 02/19/13 12:50
Collected by Wilfred Martfeld
Date/Time Received 02/20/13 15:10

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	130	EPA 350.1	4.0	0.95		03/05/13 13:21	100

Pasco County Environmental Laboratory
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New Port Richey, FL 34654

March 6, 2013
Work Order: 1302013

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description WP CL-III Tank-1
Matrix Other aqueous
SAL Sample Number 1302013-05
Date/Time Collected 02/19/13 10:00
Collected by Wilfred Martfeld
Date/Time Received 02/20/13 15:10

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	70	EPA 350.1	2.0	0.47		03/05/13 12:49	50

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 6, 2013
Work Order: 1302013

Laboratory Report

Project Name PASCO COUNTY RESOURCE RECOVERY

Sample Description WP CL-III Tank-2
Matrix Other aqueous
SAL Sample Number 1302013-06
Date/Time Collected 02/19/13 10:50
Collected by Wilfred Martfeld
Date/Time Received 02/20/13 15:10

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	Dilution
<u>Inorganics</u>								
Ammonia as N	mg/L	0.26	EPA 350.1	0.040	0.009		03/05/13 11:15	1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

March 6, 2013
Work Order: 1302013

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CHAIN OF CUSTODY RECORD

Page ____ of ____

FOR LAB USE ONLY

Temp. of Contents: _____ ° C (or Received on Ice, ROI)
 Condition of Contents: _____
 Address: _____

FOR LAB USE ONLY
 LOG IN NO. **302013**

1. Client: (Company or Individual)

Pasco County Environmental Laboratory

Phone: () () ()

2. Report to: (if different from above)
Candice Mulhern

Fax: () () ()

Phone: () () ()

Fax: () () ()

3. Client Project Name:
Resource Recovery Leachate

4. Sampled by: (Print)
W. Martfeld

5. Sampled by: (Signature)
W. Martfeld

6. Shipping Method:

City State Zip Code

City State Zip Code

City State Zip Code

Container Codes (for Item 14)

V - VOA vial

G - Glass

P - Plastic

M - Micro Bag/Cup

O - Other

Water Sample Codes (for Item 11)

DW - Drinking Water

GW - Ground Water

SW - Surface Water

PW - Processed Water

WW - Waste Water

12. No. of Containers

13. Preservatives

14. Containers

15. Analyses Requested

16. REMARK

17. RELINQUISHED BY

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