



REPORT OF ANALYSIS
PASCO COUNTY
ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

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NELAC ID: E44123

Laboratory Contact: Gloria Krueger
Chris Childress

PREPARED FOR:	RESOURCE RECOVERY CLASS I	SAMPLE RECEIPT DATE:	03/07/2012
	HAYS ROAD	REPORT DATE:	5/15/2012
	SHADY HILLS, FL		
	ATTN: JOHN POWER		

Data Release Authorization:

The Methods of analysis in this report are in accordance with the laboratory's Quality Assurance Manual and meet all NELAC standards except where noted. Results pertain only to items tested and to the samples specified. This report may not be reproduced, except in full, without the written approval of this laboratory.

Laboratory Director



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DATA QUALIFIER CODES

- A Value reported is the mean (average) of two or more determinations
- B Results based upon colony counts outside the acceptable range. This code applies to microbiological tests, specifically to membrane filter colony counts, and is used only if the colony count is generated from a plate in which the total number of coliform colonies exceeds the method indicated ideal ranges.
- C Analysis performed by contract laboratory
- F When reporting species, this code indicates the female sex.
- H Holiday
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- J Estimated value, may not be accurate. Use of this code requires justification for its use and is used in the following situations:
 1. Exceeding of surrogate recovery limits
 2. Existence of no quality control criteria for a component
 3. Failure to meet established precision and accuracy criteria
 4. Matrix interference
 5. Questionable data due to improper field or lab protocols
- "J" Values are exclusive and are not used in conjunction with other codes
- K Indicates off scale low and the actual value is known to be less than the value listed. Used if the value is less than the lowest calibration standard when the calibration curve is known to be non-linear. Can also be used if the actual value is known to be less than the reported value based on sample size, dilution.
- L Off scale high and the actual value is known to be greater than the reported value. Used when the sample concentration of the analyte exceeds the linear range or highest calibration standard and the calibration curve is known to exhibit a negative deflection.
- M To be used for chemical analysis: the presence of the analyte is verified but not quantified and the actual value is less than the value reported.
- N Presumptive evidence of presence of compound. To be used when the compound has been determined by TIC (mass spectral library search) or if presence of the compound cannot be confirmed using alternate procedures.
- O Indicates analysis was lost or not performed
- Q Analyzed after holding time expired
- R Re-sample
- T Reported value is less than the laboratory method detection limit. The value is reported for informational purposes only and is not used in statistical analysis.
- U Less than the method detection limit
- V Blank contamination. Results are valid and can be reported
- X Time of collection not provided
- Y Laboratory analysis was performed on sample, which was unpreserved or improperly preserved, therefore, the data may be inaccurate.
- Z Too many colonies present. (TNTC)
- % Below FDEP limits.
- * Analysis was not performed due to interference
- # No sample received
- ? Indicates that the data should not be used since some or all quality control data for the analyte fall outside limits and the presence or absence of the analyte determined from the data
- "_" no data reported

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Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	2MW15DA @ RESREC							
Sample Number	AB77128					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/07/2012					Time Sampled	11:18	
Date Received	03/07/2012		Sampler	WMM		Received By	AC	
Time Received	15:30		Delivered By	WMM		Sample Type	SP	
Conductivity Field	FDEP FT 1200	233	umhos/cm	D	03/07/2012 11:18	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	1.05	mg/L	D	03/07/2012 11:18	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.71	Std Units	D	03/07/2012 11:18	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	24.47	Deg C	D	03/07/2012 11:18	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	0.0	NTU	D	03/07/2012 11:18	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	28.59	Ft.	D	03/07/2012 11:18	0		WMM
Iron (Fe)	EPA 200.7	80.0	ug/L		03/12/2012 12:40	2	10	TER
Mercury (Hg)	SM 3112 B	0.04	ug/L	I	03/16/2012 11:50	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L	U	03/13/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor	D	03/07/2012 11:18	0		WMM
Total Dissolved Solids	SM 2540 C	144	mg/L		03/09/2012 09:30	9.89	9.89	KS
Chloride	EPA 300.0	7.19	mg/L		03/22/2012 08:30	0.08	0.25	AS
Sample ID	2MW17S @ RESREC							
Sample Number	AB76737					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	02/29/2012					Time Sampled	11:12	
Date Received	02/29/2012		Sampler	WMM		Received By	AC	
Time Received	15:50		Delivered By	WMM		Sample Type	SP	
Conductivity Field	FDEP FT 1200	231	umhos/cm	D	02/29/2012 11:12	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	1.47	mg/L	D	02/29/2012 11:12	0.1	0.4	WMM
pH Field	FDEP FT 1100	6.70	Std Units	D	02/29/2012 11:12	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	25.78	Deg C	D	02/29/2012 11:12	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	0.0	NTU	D	02/29/2012 11:12	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	22.31	Ft.	D	02/29/2012 11:12	0		WMM
Iron (Fe)	EPA 200.7	50.0	ug/L		03/06/2012 11:30	2	10	TER
Mercury (Hg)	SM 3112 B	0.04	ug/L	I	03/09/2012 12:10	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L	U	03/02/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor	D	02/29/2012 11:12	0		WMM
Total Dissolved Solids	SM 2540 C	186	mg/L		03/05/2012 08:00	9.89	9.89	KS
Chloride	EPA 300.0	6.02	mg/L		03/08/2012 16:30	0.08	0.25	AS
Sample ID	2MW18D @ RESREC							
Sample Number	AB76738					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	02/29/2012					Time Sampled	11:55	
Date Received	02/29/2012		Sampler	WMM		Received By	AC	
Time Received	15:50		Delivered By	WMM		Sample Type	SP	
Conductivity Field	FDEP FT 1200	432	umhos/cm	D	02/29/2012 11:55	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	0.97	mg/L	D	02/29/2012 11:55	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.34	Std Units	D	02/29/2012 11:55	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	24.65	Deg C	D	02/29/2012 11:55	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	8.6	NTU	D	02/29/2012 11:55	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	22.25	Ft.	D	02/29/2012 11:55	0		WMM
Iron (Fe)	EPA 200.7	95.4	ug/L		03/06/2012 11:30	2	10	TER
Mercury (Hg)	SM 3112 B	0.03	ug/L	U	03/09/2012 12:10	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L	U	03/02/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor	D	02/29/2012 11:55	0		WMM

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Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	2MW18D @ RESREC							
Sample Number	AB76738					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	02/29/2012					Time Sampled	11:55	
Date Received	02/29/2012		Sampler	WMM		Received By	AC	
Time Received	15:50		Delivered By	WMM		Sample Type	SP	
Total Dissolved Solids	SM 2540 C	302	mg/L		03/05/2012 08:00	9.89	9.89	KS
Chloride	EPA 300.0	39.2	mg/L		03/08/2012 16:30	0.08	0.25	AS
Sample ID	2MW19D @ RESREC							
Sample Number	AB76739					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	02/29/2012					Time Sampled	13:38	
Date Received	02/29/2012		Sampler	WMM		Received By	AC	
Time Received	15:50		Delivered By	WMM		Sample Type	SP	
Conductivity Field	FDEP FT 1200	446	umhos/cm D		02/29/2012 13:38	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	0.50	mg/L D		02/29/2012 13:38	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.25	Std Units D		02/29/2012 13:38	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	25.29	Deg C D		02/29/2012 13:38	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	0.0	NTU D		02/29/2012 13:38	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	22.99	Ft. D		02/29/2012 13:38	0		WMM
Iron (Fe)	EPA 200.7	4.5	ug/L I		03/06/2012 11:30	2	10	TER
Mercury (Hg)	SM 3112 B	0.03	ug/L U		03/09/2012 12:10	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L U		03/02/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor D		02/29/2012 13:38	0		WMM
Total Dissolved Solids	SM 2540 C	306	mg/L		03/05/2012 08:00	9.89	9.89	KS
Chloride	EPA 300.0	28.7	mg/L		03/08/2012 16:30	0.08	0.25	AS
Sample ID	2MW2 @ RESREC							
Sample Number	AB76653					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	02/28/2012					Time Sampled	12:28	
Date Received	02/28/2012		Sampler	WMM		Received By	AC	
Time Received	16:00		Delivered By	WMM		Sample Type	SP	
Conductivity Field	FDEP FT 1200	81	umhos/cm D		02/28/2012 12:28	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	3.66	mg/L D		02/28/2012 12:28	0.1	0.4	WMM
pH Field	FDEP FT 1100	6.10	Std Units D		02/28/2012 12:28	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	23.92	Deg C D		02/28/2012 12:28	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	0.0	NTU D		02/28/2012 12:28	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	30.33	Ft. D		02/28/2012 12:28	0		WMM
Iron (Fe)	EPA 200.7	71.1	ug/L		03/01/2012 11:40	2	10	TER
Mercury (Hg)	SM 3112 B	0.03	ug/L U		03/02/2012 11:45	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L U		03/02/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor D		02/28/2012 12:28	0		WMM
Total Dissolved Solids	SM 2540 C	60	mg/L		03/05/2012 08:00	9.89	9.89	KS
Chloride	EPA 300.0	3.40	mg/L		03/08/2012 16:30	0.08	0.25	AS
Sample ID	2MW-24D @ RESREC							
Sample Number	AB77129					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/07/2012					Time Sampled	12:10	
Date Received	03/07/2012		Sampler	WMM		Received By	AC	
Time Received	15:30		Delivered By	WMM		Sample Type	SP	
Conductivity Field	FDEP FT 1200	473	umhos/cm D		03/07/2012 12:10	1	1	WMM

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Sample ID		2MW-24D @ RESREC						
Sample Number	AB77129					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/07/2012					Time Sampled	12:10	
Date Received	03/07/2012					Received By	AC	
Time Received	15:30					Sample Type	SP	
Conductivity Field	FDEP FT 1200	691	umhos/cm	D	03/07/2012 13:04	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	0.38	mg/L	D	03/07/2012 13:04	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.21	Std Units	D	03/07/2012 13:04	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	25.27	Deg C	D	03/07/2012 13:04	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	6.9	NTU	D	03/07/2012 13:04	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	13.26	Ft.	D	03/07/2012 13:04	0	0	WMM
Iron (Fe)	EPA 200.7	569	ug/L	I	03/12/2012 12:40	2	10	TER
Mercury (Hg)	SM 3112 B	0.08	ug/L	I	03/16/2012 11:50	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L	U	03/13/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor	D	03/07/2012 13:04	0	0	WMM
Total Dissolved Solids	SM 2540 C	490	mg/L		03/09/2012 09:30	9.89	9.89	KS
Chloride	EPA 300.0	106	mg/L		03/22/2012 08:30	0.08	0.25	AS
Sample ID		2MW-25D @ RESREC						
Sample Number	AB77130					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/07/2012					Time Sampled	13:04	
Date Received	03/07/2012					Received By	AC	
Time Received	15:30					Sample Type	SP	
Conductivity Field	FDEP FT 1200	691	umhos/cm	D	03/07/2012 13:04	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	0.38	mg/L	D	03/07/2012 13:04	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.21	Std Units	D	03/07/2012 13:04	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	25.27	Deg C	D	03/07/2012 13:04	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	6.9	NTU	D	03/07/2012 13:04	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	13.26	Ft.	D	03/07/2012 13:04	0	0	WMM
Iron (Fe)	EPA 200.7	569	ug/L	I	03/12/2012 12:40	2	10	TER
Mercury (Hg)	SM 3112 B	0.08	ug/L	I	03/16/2012 11:50	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L	U	03/13/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor	D	03/07/2012 13:04	0	0	WMM
Total Dissolved Solids	SM 2540 C	490	mg/L		03/09/2012 09:30	9.89	9.89	KS
Chloride	EPA 300.0	106	mg/L		03/22/2012 08:30	0.08	0.25	AS
Sample ID		2MW-26D @ RESREC						
Sample Number	AB77131					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/07/2012					Time Sampled	14:37	
Date Received	03/07/2012					Received By	AC	
Time Received	15:30					Sample Type	SP	
Conductivity Field	FDEP FT 1200	555	umhos/cm	D	03/07/2012 14:37	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	0.65	mg/L	D	03/07/2012 14:37	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.45	Std Units	D	03/07/2012 14:37	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	24.65	Deg C	D	03/07/2012 14:37	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	3.5	NTU	D	03/07/2012 14:37	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	27.13	Ft.	D	03/07/2012 14:37	0	0	WMM
Iron (Fe)	EPA 200.7	224	ug/L	I	03/12/2012 12:40	2	10	TER
Mercury (Hg)	SM 3112 B	0.03	ug/L	I	03/16/2012 11:50	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L	U	03/13/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor	D	03/07/2012 14:37	0	0	WMM
Total Dissolved Solids	SM 2540 C	386	mg/L		03/09/2012 09:30	9.89	9.89	KS

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Sample ID	2MW-26D @ RESREC							
Sample Number	AB77131					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/07/2012					Time Sampled	14:37	
Date Received	03/07/2012		Sampler	WMM		Received By	AC	
Time Received	15:30		Delivered By	WMM		Sample Type	SP	
Chloride	EPA 300.0	77.5	mg/L		03/22/2012 08:30	0.08	0.25	AS
Sample ID	2MW27D @ RESREC							
Sample Number	AB76911					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/05/2012					Time Sampled	15:17	
Date Received	03/05/2012		Sampler	WMM		Received By	AS	
Time Received	16:00		Delivered By	WMM		Sample Type	SP	
Conductivity Field	FDEP FT 1200	709	umhos/cm	D	03/05/2012 15:17	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	0.51	mg/L	D	03/05/2012 15:17	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.49	Std Units	D	03/05/2012 15:17	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	23.46	Deg C	D	03/05/2012 15:17	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	0.0	NTU	D	03/05/2012 15:17	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	27.52	Ft.	D	03/05/2012 15:17	0		WMM
Iron (Fe)	EPA 200.7	43.7	ug/L		03/08/2012 11:15	2	10	TER
Mercury (Hg)	SM 3112 B	0.03	ug/L	U	03/09/2012 12:10	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L	U	03/13/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor	D	03/05/2012 15:17	0		WMM
Total Dissolved Solids	SM 2540 C	486	mg/L		03/09/2012 09:30	9.89	9.89	KS
Chloride	EPA 300.0	138	mg/L		03/08/2012 16:30	0.08	0.25	AS
Sample ID	4MW1 @ RESREC							
Sample Number	AB77132					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/07/2012					Time Sampled	10:06	
Date Received	03/07/2012		Sampler	WMM		Received By	AC	
Time Received	15:30		Delivered By	WMM		Sample Type	SP	
Conductivity Field	FDEP FT 1200	394	umhos/cm	D	03/07/2012 10:06	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	0.85	mg/L	D	03/07/2012 10:06	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.68	Std Units	D	03/07/2012 10:06	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	23.50	Deg C	D	03/07/2012 10:06	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	0.0	NTU	D	03/07/2012 10:06	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	29.71	Ft.	D	03/07/2012 10:06	0		WMM
Iron (Fe)	EPA 200.7	326	ug/L		03/12/2012 12:40	2	10	TER
Mercury (Hg)	SM 3112 B	0.07	ug/L	I	03/16/2012 11:50	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.13	mg/L	I	03/13/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor	D	03/07/2012 10:06	0		WMM
Total Dissolved Solids	SM 2540 C	254	mg/L		03/09/2012 09:30	9.89	9.89	KS
Chloride	EPA 300.0	33.7	mg/L		03/22/2012 08:30	0.08	0.25	AS
Sample ID	4MW11D @ RESREC							
Sample Number	AB76788					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/01/2012					Time Sampled	09:55	
Date Received	03/01/2012		Sampler	WMM		Received By	AC	
Time Received	16:00		Delivered By	WMM		Sample Type	SP	
Conductivity Field	FDEP FT 1200	278	umhos/cm	D	03/01/2012 09:55	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	2.05	mg/L	D	03/01/2012 09:55	0.1	0.4	WMM

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Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID		4MW11D @ RESREC						
Sample Number	AB76788					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/01/2012					Time Sampled	09:55	
Date Received	03/01/2012					Received By	AC	
Time Received	16:00					Sample Type	SP	
pH Field	FDEP FT 1100	7.70	Std Units	D	03/01/2012 09:55	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	23.98	Deg C	D	03/01/2012 09:55	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	0.0	NTU	D	03/01/2012 09:55	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	25.93	Ft.	D	03/01/2012 09:55	0		WMM
Iron (Fe)	EPA 200.7	14.4	ug/L		03/06/2012 11:30	2	10	TER
Mercury (Hg)	SM 3112 B	0.03	ug/L	U	03/09/2012 12:10	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L	U	03/02/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor	D	03/01/2012 09:55	0		WMM
Total Dissolved Solids	SM 2540 C	176	mg/L		03/05/2012 08:00	9.89	9.89	KS
Chloride	EPA 300.0	9.04	mg/L		03/08/2012 16:30	0.08	0.25	AS
Sample ID		4MW12D @ RESREC						
Sample Number	AB76789					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/01/2012					Time Sampled	11:53	
Date Received	03/01/2012					Received By	AC	
Time Received	16:00					Sample Type	SP	
Conductivity Field	FDEP FT 1200	436	umhos/cm	D	03/01/2012 11:53	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	0.58	mg/L	D	03/01/2012 11:53	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.37	Std Units	D	03/01/2012 11:53	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	26.10	Deg C	D	03/01/2012 11:53	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	0.0	NTU	D	03/01/2012 11:53	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	25.39	Ft.	D	03/01/2012 11:53	0		WMM
Iron (Fe)	EPA 200.7	2.0	ug/L	U	03/06/2012 11:30	2	10	TER
Mercury (Hg)	SM 3112 B	0.03	ug/L	U	03/09/2012 12:10	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L	U	03/02/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor	D	03/01/2012 11:53	0		WMM
Total Dissolved Solids	SM 2540 C	302	mg/L		03/05/2012 08:00	9.89	9.89	KS
Chloride	EPA 300.0	31.9	mg/L		03/08/2012 16:30	0.08	0.25	AS
Sample ID		4MW13D @ RESREC						
Sample Number	AB76790					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/01/2012					Time Sampled	12:38	
Date Received	03/01/2012					Received By	AC	
Time Received	16:00					Sample Type	SP	
Conductivity Field	FDEP FT 1200	424	umhos/cm	D	03/01/2012 12:38	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	0.79	mg/L	D	03/01/2012 12:38	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.35	Std Units	D	03/01/2012 12:38	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	26.11	Deg C	D	03/01/2012 12:38	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	0.0	NTU	D	03/01/2012 12:38	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	24.99	Ft.	D	03/01/2012 12:38	0		WMM
Iron (Fe)	EPA 200.7	12.5	ug/L		03/06/2012 11:30	2	10	TER
Mercury (Hg)	SM 3112 B	0.08	ug/L	I	03/09/2012 12:10	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L	U	03/02/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor	D	03/01/2012 12:38	0		WMM
Total Dissolved Solids	SM 2540 C	280	mg/L		03/05/2012 08:00	9.89	9.89	KS
Chloride	EPA 300.0	36.8	mg/L		03/08/2012 16:30	0.08	0.25	AS

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Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	4MW14D @ RESREC							
Sample Number	AB76791					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/01/2012					Time Sampled	15:35	
Date Received	03/01/2012		Sampler	WMM		Received By	AC	
Time Received	16:00		Delivered By	WMM		Sample Type	SP	
Conductivity Field	FDEP FT 1200	393	umhos/cm	D	03/01/2012 15:35	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	0.98	mg/L	D	03/01/2012 15:35	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.40	Std Units	D	03/01/2012 15:35	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	26.16	Deg C	D	03/01/2012 15:35	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	1.4	NTU	D	03/01/2012 15:35	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	25.87	Ft.	D	03/01/2012 15:35	0		WMM
Iron (Fe)	EPA 200.7	67.6	ug/L		03/06/2012 11:30	2	10	TER
Mercury (Hg)	SM 3112 B	0.03	ug/L	U	03/09/2012 12:10	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L	U	03/02/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor	D	03/01/2012 15:35	0		WMM
Total Dissolved Solids	SM 2540 C	254	mg/L		03/05/2012 08:00	9.89	9.89	KS
Chloride	EPA 300.0	41.2	mg/L		03/08/2012 16:30	0.08	0.25	AS
Sample ID	4MW2 @ RESREC							
Sample Number	AB76654					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	02/28/2012					Time Sampled	11:12	
Date Received	02/28/2012		Sampler	WMM		Received By	AC	
Time Received	16:00		Delivered By	WMM		Sample Type	SP	
Conductivity Field	FDEP FT 1200	174	umhos/cm	D	02/28/2012 11:12	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	0.87	mg/L	D	02/28/2012 11:12	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.88	Std Units	D	02/28/2012 11:12	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	23.36	Deg C	D	02/28/2012 11:12	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	0.0	NTU	D	02/28/2012 11:12	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	29.71	Ft.	D	02/28/2012 11:12	0		WMM
Iron (Fe)	EPA 200.7	5.6	ug/L	I	03/01/2012 11:40	2	10	TER
Mercury (Hg)	SM 3112 B	0.03	ug/L	U	03/02/2012 11:45	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L	U	03/02/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor	D	02/28/2012 11:12	0		WMM
Total Dissolved Solids	SM 2540 C	112	mg/L		03/05/2012 08:00	9.89	9.89	KS
Chloride	EPA 300.0	5.14	mg/L		03/08/2012 16:30	0.08	0.25	AS
Sample ID	4MW27 @ RESREC							
Sample Number	AB76912					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/05/2012					Time Sampled	14:08	
Date Received	03/05/2012		Sampler	WMM		Received By	AS	
Time Received	16:00		Delivered By	WMM		Sample Type	SP	
Conductivity Field	FDEP FT 1200	691	umhos/cm	D	03/05/2012 14:08	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	0.40	mg/L	D	03/05/2012 14:08	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.55	Std Units	D	03/05/2012 14:08	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	23.55	Deg C	D	03/05/2012 14:08	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	0.0	NTU	D	03/05/2012 14:08	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	27.62	Ft.	D	03/05/2012 14:08	0		WMM
Iron (Fe)	EPA 200.7	10.4	ug/L		03/08/2012 11:15	2	10	TER
Mercury (Hg)	SM 3112 B	0.03	ug/L	U	03/09/2012 12:10	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L	I	03/13/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor	D	03/05/2012 14:08	0		WMM

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Sample ID	4MW27 @ RESREC							
Sample Number	AB76912					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/05/2012					Time Sampled	14:08	
Date Received	03/05/2012		Sampler	WMM		Received By	AS	
Time Received	16:00		Delivered By	WMM		Sample Type	SP	
Total Dissolved Solids	SM 2540 C	494	mg/L		03/09/2012 09:30	9.89	9.89	KS
Chloride	EPA 300.0	136	mg/L		03/08/2012 16:30	0.08	0.25	AS
Sample ID	4MW27D @ RESREC							
Sample Number	AB76913					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/05/2012					Time Sampled	11:58	
Date Received	03/05/2012		Sampler	WMM		Received By	AS	
Time Received	16:00		Delivered By	WMM		Sample Type	SP	
Conductivity Field	FDEP FT 1200	232	umhos/cm D		03/05/2012 11:58	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	0.71	mg/L D		03/05/2012 11:58	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.90	Std Units D		03/05/2012 11:58	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	22.94	Deg C D		03/05/2012 11:58	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	0.0	NTU D		03/05/2012 11:58	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	27.60	Ft. D		03/05/2012 11:58	0		WMM
Iron (Fe)	EPA 200.7	49.9	ug/L		03/08/2012 11:15	2	10	TER
Mercury (Hg)	SM 3112 B	0.03	ug/L U		03/09/2012 12:10	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.25	mg/L		03/13/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor D		03/05/2012 11:58	0		WMM
Total Dissolved Solids	SM 2540 C	152	mg/L		03/09/2012 09:30	9.89	9.89	KS
Chloride	EPA 300.0	5.25	mg/L		03/08/2012 16:30	0.08	0.25	AS
Sample ID	4MW3A @ CLASS III							
Sample Number	AB77194					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/07/2012					Time Sampled	08:30	
Date Received	03/07/2012		Sampler	WMM		Received By	AC	
Time Received	15:30		Delivered By	WMM		Sample Type	SP	
Water Level (NGVD)	DEP-SOP	24.02	Ft. D		03/07/2012 08:30	0		WMM
Sample ID	4MW4 @ RESREC							
Sample Number	AB76740					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	02/29/2012					Time Sampled	09:46	
Date Received	02/29/2012		Sampler	WMM		Received By	AC	
Time Received	15:50		Delivered By	WMM		Sample Type	SP	
Conductivity Field	FDEP FT 1200	375	umhos/cm D		02/29/2012 09:46	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	1.15	mg/L D		02/29/2012 09:46	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.44	Std Units D		02/29/2012 09:46	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	23.72	Deg C D		02/29/2012 09:46	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	0.0	NTU D		02/29/2012 09:46	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	22.33	Ft. D		02/29/2012 09:46	0		WMM
Iron (Fe)	EPA 200.7	10.2	ug/L		03/06/2012 11:30	2	10	TER
Mercury (Hg)	SM 3112 B	0.03	ug/L U		03/09/2012 12:10	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L U		03/02/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor D		02/29/2012 09:46	0		WMM
Total Dissolved Solids	SM 2540 C	236	mg/L		03/05/2012 08:00	9.89	9.89	KS
Chloride	EPA 300.0	16.8	mg/L		03/08/2012 16:30	0.08	0.25	AS

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Sample ID	4MW5 @ RESREC							
Sample Number	AB76741					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	02/29/2012					Time Sampled	15:10	
Date Received	02/29/2012		Sampler	WMM		Received By	AC	
Time Received	15:50		Delivered By	WMM		Sample Type	SP	
Conductivity Field	FDEP FT 1200	532	umhos/cm	D	02/29/2012 15:10	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	1.29	mg/L	D	02/29/2012 15:10	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.31	Std Units	D	02/29/2012 15:10	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	24.61	Deg C	D	02/29/2012 15:10	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	0.0	NTU	D	02/29/2012 15:10	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	23.18	Ft.	I	02/29/2012 15:10	0		WMM
Iron (Fe)	EPA 200.7	9.6	ug/L	I	03/06/2012 11:30	2	10	TER
Mercury (Hg)	SM 3112 B	0.03	ug/L	U	03/09/2012 12:10	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L	U	03/02/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor	D	02/29/2012 15:10	0		WMM
Total Dissolved Solids	SM 2540 C	380	mg/L		03/05/2012 08:00	9.89	9.89	KS
Chloride	EPA 300.0	76.2	mg/L		03/08/2012 16:30	0.08	0.25	AS
Sample ID	4MW6 @ RESREC							
Sample Number	AB76655					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	02/28/2012					Time Sampled	15:04	
Date Received	02/28/2012		Sampler	WMM		Received By	AC	
Time Received	16:00		Delivered By	WMM		Sample Type	SP	
Conductivity Field	FDEP FT 1200	129	umhos/cm	D	02/28/2012 15:04	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	2.60	mg/L	D	02/28/2012 15:04	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.77	Std Units	D	02/28/2012 15:04	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	24.57	Deg C	D	02/28/2012 15:04	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	6.8	NTU	D	02/28/2012 15:04	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	26.81	Ft.	I	02/28/2012 15:04	0		WMM
Iron (Fe)	EPA 200.7	5.8	ug/L	I	03/01/2012 11:40	2	10	TER
Mercury (Hg)	SM 3112 B	0.03	ug/L	U	03/02/2012 11:45	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L	U	03/02/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor	D	02/28/2012 15:04	0		WMM
Total Dissolved Solids	SM 2540 C	82	mg/L		03/05/2012 08:00	9.89	9.89	KS
Chloride	EPA 300.0	4.40	mg/L		03/08/2012 16:30	0.08	0.25	AS
Sample ID	4MW21 @ CLASS III							
Sample Number	AB77001					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/06/2012					Time Sampled	12:56	
Date Received	03/06/2012		Sampler	WMM		Received By	CF	
Time Received	15:30		Delivered By	WMM		Sample Type	SP	
Conductivity Field	FDEP FT 1200	155	umhos/cm	D	03/06/2012 12:56	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	2.75	mg/L	D	03/06/2012 12:56	0.1	0.4	WMM
pH Field	FDEP FT 1100	6.24	Std Units	D	03/06/2012 12:56	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	23.32	Deg C	D	03/06/2012 12:56	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	5.8	NTU	D	03/06/2012 12:56	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	25.88	Ft.	I	03/06/2012 12:56	0		WMM
Iron (Fe)	EPA 200.7	291	ug/L	I	03/08/2012 11:15	2	10	TER
Mercury (Hg)	SM 3112 B	0.06	ug/L	U	03/09/2012 12:10	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L	U	03/13/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor	D	03/06/2012 12:56	0		WMM

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Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	4MW21 @ CLASS III							
Sample Number	AB77001					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/06/2012					Time Sampled	12:56	
Date Received	03/06/2012		Sampler	WMM		Received By	CF	
Time Received	15:30		Delivered By	WMM		Sample Type	SP	
Total Dissolved Solids	SM 2540 C	150	mg/L		03/09/2012 09:30	9.89	9.89	KS
Chloride	EPA 300.0	17.0	mg/L		03/08/2012 16:30	0.08	0.25	AS
Sample ID	4MW22 @ CLASS III							
Sample Number	AB77002					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/06/2012					Time Sampled	11:30	
Date Received	03/06/2012		Sampler	WMM		Received By	CF	
Time Received	15:30		Delivered By	WMM		Sample Type	SP	
Conductivity Field	FDEP FT 1200	390	umhos/cm D		03/06/2012 11:30	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	0.74	mg/L D		03/06/2012 11:30	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.20	Std Units D		03/06/2012 11:30	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	23.50	Deg C D		03/06/2012 11:30	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	0.0	NTU D		03/06/2012 11:30	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	24.67	Ft. D		03/06/2012 11:30	0		WMM
Iron (Fe)	EPA 200.7	19.5	ug/L		03/08/2012 11:15	2	10	TER
Mercury (Hg)	SM 3112 B	0.07	ug/L I		03/09/2012 12:10	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L U		03/13/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor D		03/06/2012 11:30	0		WMM
Total Dissolved Solids	SM 2540 C	266	mg/L		03/09/2012 09:30	9.89	9.89	KS
Chloride	EPA 300.0	20.3	mg/L		03/08/2012 16:30	0.08	0.25	AS
Sample ID	4MW7 @ CLASS III							
Sample Number	AB76998					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/06/2012					Time Sampled	15:08	
Date Received	03/06/2012		Sampler	WMM		Received By	CF	
Time Received	15:30		Delivered By	WMM		Sample Type	SP	
Conductivity Field	FDEP FT 1200	295	umhos/cm D		03/06/2012 15:08	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	0.95	mg/L D		03/06/2012 15:08	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.22	Std Units D		03/06/2012 15:08	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	22.81	Deg C D		03/06/2012 15:08	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	0.0	NTU D		03/06/2012 15:08	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	26.32	Ft. D		03/06/2012 15:08	0		WMM
Iron (Fe)	EPA 200.7	14.0	ug/L		03/08/2012 11:15	2	10	TER
Mercury (Hg)	SM 3112 B	0.12	ug/L		03/09/2012 12:10	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L U		03/13/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor D		03/06/2012 15:08	0		WMM
Total Dissolved Solids	SM 2540 C	204	mg/L		03/09/2012 09:30	9.89	9.89	KS
Chloride	EPA 300.0	16.6	mg/L		03/08/2012 16:30	0.08	0.25	AS
Sample ID	4MW8 @ CLASS III							
Sample Number	AB76999					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/06/2012					Time Sampled	13:46	
Date Received	03/06/2012		Sampler	WMM		Received By	CF	
Time Received	15:30		Delivered By	WMM		Sample Type	SP	
Conductivity Field	FDEP FT 1200	331	umhos/cm D		03/06/2012 13:46	1	1	WMM

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Sample ID	4MW8 @ CLASS III							
Sample Number	AB76999					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/06/2012					Time Sampled	13:46	
Date Received	03/06/2012		Sampler	WMM		Received By	CF	
Time Received	15:30		Delivered By	WMM		Sample Type	SP	
Dissolved Oxygen Field	FDEP FT 1500	0.81	mg/L	D	03/06/2012 13:46	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.39	Std Units	D	03/06/2012 13:46	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	23.72	Deg C	D	03/06/2012 13:46	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	0.0	NTU	D	03/06/2012 13:46	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	26.15	Ft.	D	03/06/2012 13:46	0		WMM
Iron (Fe)	EPA 200.7	3.5	ug/L	I	03/08/2012 11:15	2	10	TER
Mercury (Hg)	SM 3112 B	0.04	ug/L	I	03/09/2012 12:10	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.05	mg/L	I	03/13/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor	D	03/06/2012 13:46	0		WMM
Total Dissolved Solids	SM 2540 C	228	mg/L		03/09/2012 09:30	9.89	9.89	KS
Chloride	EPA 300.0	11.4	mg/L		03/22/2012 08:30	0.08	0.25	AS
Sample ID	4MW9 @ CLASS III							
Sample Number	AB77000					Sample Matrix	AQUEOUS-Groundwater	
Date Sampled	03/06/2012					Time Sampled	10:09	
Date Received	03/06/2012		Sampler	WMM		Received By	CF	
Time Received	15:30		Delivered By	WMM		Sample Type	SP	
Conductivity Field	FDEP FT 1200	361	umhos/cm	D	03/06/2012 10:09	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	0.65	mg/L	D	03/06/2012 10:09	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.61	Std Units	D	03/06/2012 10:09	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	23.30	Deg C	D	03/06/2012 10:09	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	0.0	NTU	D	03/06/2012 10:09	0.00	0.01	WMM
Water Level (NGVD)	DEP-SOP	24.63	Ft.	D	03/06/2012 10:09	0		WMM
Iron (Fe)	EPA 200.7	12.4	ug/L		03/08/2012 11:15	2	10	TER
Mercury (Hg)	SM 3112 B	0.04	ug/L	I	03/09/2012 12:10	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L	U	03/13/2012 17:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor	D	03/06/2012 10:09	0		WMM
Total Dissolved Solids	SM 2540 C	256	mg/L		03/09/2012 09:30	9.89	9.89	KS
Chloride	EPA 300.0	25.3	mg/L		03/08/2012 16:30	0.08	0.25	AS
Sample ID	A-1 PRIMARY							
Sample Number	AB77470					Sample Matrix	AQUEOUS-Other	
Date Sampled	03/14/2012					Time Sampled	12:30	
Date Received	03/14/2012		Sampler	WMM		Received By	AC	
Time Received	16:00		Delivered By	WMM		Sample Type	PP	
Conductivity Field	FDEP FT 1200	6630	umhos/cm	D	03/14/2012 12:30	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	3.59	mg/L	D	03/14/2012 12:30	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.61	Std Units	D	03/14/2012 12:30	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	24.76	Deg C	D	03/14/2012 12:30	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	0.0	NTU	D	03/14/2012 12:30	0.00	0.01	WMM
Iron (Fe)	EPA 200.7	34.6	ug/L		03/27/2012 12:00	2	10	TER
Mercury (Hg)	SM 3112 B	0.03	ug/L	U	03/27/2012 10:50	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L	U	04/04/2012 16:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor	D	03/14/2012 12:30	0		WMM
Total Dissolved Solids	SM 2540 C	3784	mg/L		03/20/2012 10:00	9.89	9.89	KS
Alkalinity	SM 2320 B	57.4	mg/L		03/20/2012 11:15	0.62	2.5	AS

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Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID	A-1 PRIMARY							
Sample Number	AB77470					Sample Matrix	AQUEOUS-Other	
Date Sampled	03/14/2012					Time Sampled	12:30	
Date Received	03/14/2012		Sampler	WMM		Received By	AC	
Time Received	16:00		Delivered By	WMM		Sample Type	PP	
Chloride	EPA 300.0	2471	mg/L		03/28/2012 10:30	0.08	0.25	AS
Sample ID	A-1 SECONDARY							
Sample Number	AB77471					Sample Matrix	AQUEOUS-Other	
Date Sampled	03/14/2012					Time Sampled	13:30	
Date Received	03/14/2012		Sampler	WMM		Received By	AC	
Time Received	16:00		Delivered By	WMM		Sample Type	PP	
Conductivity Field	FDEP FT 1200	6640	umhos/cm	D	03/14/2012 13:30	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	4.54	mg/L	D	03/14/2012 13:30	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.59	Std Units	D	03/14/2012 13:30	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	23.99	Deg C	D	03/14/2012 13:30	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	22.5	NTU	D	03/14/2012 13:30	0.00	0.01	WMM
Iron (Fe)	EPA 200.7	30.5	ug/L		03/27/2012 12:00	2	10	TER
Mercury (Hg)	SM 3112 B	0.06	ug/L	I	03/27/2012 10:50	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	0.04	mg/L	U	04/04/2012 16:00	0.04	0.20	IF
Color by Observation	Observation	CLEAR	ObsColor	D	03/14/2012 13:30	0		WMM
Total Dissolved Solids	SM 2540 C	4042	mg/L		03/20/2012 10:00	9.89	9.89	KS
Alkalinity	SM 2320 B	137	mg/L		03/20/2012 11:15	0.62	2.5	AS
Chloride	EPA 300.0	370	mg/L		03/28/2012 10:30	0.08	0.25	AS
Sample ID	SW-1 PRIMARY TANK @ RESREC							
Sample Number	AB77472					Sample Matrix	AQUEOUS-Other	
Date Sampled	03/14/2012					Time Sampled	10:30	
Date Received	03/14/2012		Sampler	WMM		Received By	AC	
Time Received	16:00		Delivered By	WMM		Sample Type	PP	
Conductivity Field	FDEP FT 1200	6520	umhos/cm	D	03/14/2012 10:30	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	1.60	mg/L	D	03/14/2012 10:30	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.79	Std Units	D	03/14/2012 10:30	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	23.93	Deg C	D	03/14/2012 10:30	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	19.0	NTU	D	03/14/2012 10:30	0.00	0.01	WMM
Iron (Fe)	EPA 200.7	2830	ug/L		03/27/2012 12:00	2	10	TER
Mercury (Hg)	SM 3112 B	0.03	ug/L	U	03/27/2012 10:50	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	561	mg/L		04/04/2012 16:00	0.04	0.20	IF
Color by Observation	Observation	ORANGE	ObsColor	D	03/14/2012 10:30	0		WMM
Total Dissolved Solids	SM 2540 C	3142	mg/L		03/20/2012 10:00	9.89	9.89	KS
Alkalinity	SM 2320 B	2870	mg/L		03/20/2012 11:15	0.62	2.5	AS
Chloride	EPA 300.0	628	mg/L		03/28/2012 10:30	0.08	0.25	AS
Sample ID	SW-1 SECONDARY TANK @ RESREC							
Sample Number	AB77473					Sample Matrix	AQUEOUS-Other	
Date Sampled	03/14/2012					Time Sampled	11:30	
Date Received	03/14/2012		Sampler	WMM		Received By	AC	
Time Received	16:00		Delivered By	WMM		Sample Type	PP	
Conductivity Field	FDEP FT 1200	2650	umhos/cm	D	03/14/2012 11:30	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	0.97	mg/L	D	03/14/2012 11:30	0.1	0.4	WMM

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Sample ID		SW-1 SECONDARY TANK @ RESREC						
Sample Number	AB77473				Sample Matrix		AQUEOUS-Other	
Date Sampled	03/14/2012				Time Sampled		11:30	
Date Received	03/14/2012				Received By		AC	
Time Received	16:00				Delivered By		Sample Type	
pH Field	FDEP FT 1100	7.58	Std Units	D	03/14/2012 11:30	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	23.10	Deg C	D	03/14/2012 11:30	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	68.0	NTU	D	03/14/2012 11:30	0.00	0.01	WMM
Iron (Fe)	EPA 200.7	2310	ug/L	I	03/27/2012 12:00	2	10	TER
Mercury (Hg)	SM 3112 B	0.04	ug/L	I	03/27/2012 10:50	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	144	mg/L	I	04/04/2012 16:00	0.04	0.20	IF
Color by Observation	Observation	ORANGE	ObsColor	D	03/14/2012 11:30	0		WMM
Total Dissolved Solids	SM 2540 C	1272	mg/L	I	03/20/2012 10:00	9.89	9.89	KS
Alkalinity	SM 2320 B	920	mg/L	I	03/20/2012 11:15	0.62	2.5	AS
Chloride	EPA 300.0	370	mg/L	I	03/28/2012 10:30	0.08	0.25	AS
Sample ID		TANK 1 @ WP CLASS III						
Sample Number	AB77474				Sample Matrix		AQUEOUS-Other	
Date Sampled	03/14/2012				Time Sampled		15:30	
Date Received	03/14/2012				Received By		AC	
Time Received	16:00				Delivered By		Sample Type	
Conductivity Field	FDEP FT 1200	3530	umhos/cm	D	03/14/2012 15:30	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	0.12	mg/L	D	03/14/2012 15:30	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.15	Std Units	D	03/14/2012 15:30	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	24.42	Deg C	D	03/14/2012 15:30	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	202	NTU	D	03/14/2012 15:30	0.00	0.01	WMM
Iron (Fe)	EPA 200.7	284	ug/L	I	03/27/2012 12:00	2	10	TER
Mercury (Hg)	SM 3112 B	0.12	ug/L	I	03/27/2012 10:50	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	89.4	mg/L	I	04/04/2012 16:00	0.04	0.20	IF
Color by Observation	Observation	GREY	ObsColor	D	03/14/2012 15:30	0		WMM
Total Dissolved Solids	SM 2540 C	2556	mg/L	I	03/20/2012 10:00	9.89	9.89	KS
Alkalinity	SM 2320 B	1626	mg/L	I	03/20/2012 11:15	0.62	2.5	AS
Chloride	EPA 300.0	321	mg/L	I	03/28/2012 10:30	0.08	0.25	AS
Sample ID		TANK 2 @ WP CLASS III						
Sample Number	AB77475				Sample Matrix		AQUEOUS-Other	
Date Sampled	03/14/2012				Time Sampled		14:30	
Date Received	03/14/2012				Received By		AC	
Time Received	16:00				Delivered By		Sample Type	
Conductivity Field	FDEP FT 1200	522	umhos/cm	D	03/14/2012 14:30	1	1	WMM
Dissolved Oxygen Field	FDEP FT 1500	1.50	mg/L	D	03/14/2012 14:30	0.1	0.4	WMM
pH Field	FDEP FT 1100	7.06	Std Units	D	03/14/2012 14:30	0.10	0.10	WMM
Temperature Field	FDEP FT 1400	23.47	Deg C	D	03/14/2012 14:30	0.00	0.00	WMM
Turbidity Field	FDEP FT 1600	79.2	NTU	D	03/14/2012 14:30	0.00	0.01	WMM
Iron (Fe)	EPA 200.7	595	ug/L	I	03/27/2012 12:00	2	10	TER
Mercury (Hg)	SM 3112 B	0.07	ug/L	I	03/27/2012 10:50	0.03	0.09	TER
Ammonia (N)	SM 4500-NH3 G	3.63	mg/L	I	04/04/2012 16:00	0.04	0.20	IF
Color by Observation	Observation	ORANGE	ObsColor	D	03/14/2012 14:30	0		WMM
Total Dissolved Solids	SM 2540 C	310	mg/L	I	03/20/2012 10:00	9.89	9.89	KS
Alkalinity	SM 2320 B	157	mg/L	I	03/20/2012 11:15	0.62	2.5	AS
Chloride	EPA 300.0	10.2	mg/L	I	03/28/2012 10:30	0.08	0.25	AS

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Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name AMMAUT-19453 QA Sample ID AB76739								
Samples AB76653 AB76654 AB76655 AB76737 AB76738 AB76739 AB76740 AB76741 AB76788 AB76789 AB76790 AB76791								
Amt Spiked for Ammonia		1.20			03/02/2012 17:00	0.04		IF
Ammonia (N)		0.04		U	03/02/2012 17:00	0.04		IF
Ammonia MB		0.04		U	03/02/2012 17:00	0.04		IF
Cont Calb for Ammonia		99.2			03/02/2012 17:00	0.04		IF
Duplicate for Ammonia		0.04		U	03/02/2012 17:00	0.04		IF
Initial Calb for Ammonia		1.19			03/02/2012 17:00	0.04		IF
Lab Control for Ammonia		1.20			03/02/2012 17:00	0.04		IF
Precision for Ammonia		0.00			03/02/2012 17:00	0.00		IF
Recovery for Ammonia		97.5			03/02/2012 17:00	0.04		IF
Spiked for Ammonia		1.21			03/02/2012 17:00	0.04		IF
Batch Name AMMAUT-19515 QA Sample ID AB77129								
Samples AB76911 AB76912 AB76913 AB76998 AB76999 AB77000 AB77001 AB77002 AB77128 AB77129 AB77130 AB77131 AB77132								
Amt Spiked for Ammonia		1.20			03/13/2012 17:00	0.04		IF
Ammonia (N)		0.04		U	03/13/2012 17:00	0.04		IF
Ammonia MB		0.04		U	03/13/2012 17:00	0.04		IF
Cont Calb for Ammonia		108			03/13/2012 17:00	0.04		IF
Duplicate for Ammonia		0.04		U	03/13/2012 17:00	0.04		IF
Initial Calb for Ammonia		1.29			03/13/2012 17:00	0.04		IF
Lab Control for Ammonia		1.20			03/13/2012 17:00	0.04		IF
Precision for Ammonia		0.00			03/13/2012 17:00	0.00		IF
Recovery for Ammonia		103			03/13/2012 17:00	0.04		IF
Spiked for Ammonia		1.28			03/13/2012 17:00	0.04		IF
Batch Name AMMAUT-19663 QA Sample ID AB77471								
Samples AB77470 AB77471 AB77472 AB77473 AB77474 AB77475								
Amt Spiked for Ammonia		1.20			04/04/2012 16:00	0.04		IF
Ammonia (N)		0.04		U	04/04/2012 16:00	0.04		IF
Ammonia MB		0.04		U	04/04/2012 16:00	0.04		IF
Cont Calb for Ammonia		103			04/04/2012 16:00	0.04		IF
Duplicate for Ammonia		0.04		U	04/04/2012 16:00	0.04		IF
Initial Calb for Ammonia		1.24			04/04/2012 16:00	0.04		IF
Lab Control for Ammonia		1.20			04/04/2012 16:00	0.04		IF
Precision for Ammonia		0.00			04/04/2012 16:00	0.00		IF

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Batch Name	AMMAUT-19663	QA Sample ID	AB77471					
Samples	AB77470 AB77471 AB77472 AB77473 AB77474 AB77475							
Recovery for Ammonia		99.2			04/04/2012 16:00	0.04		IF
Spiked for Ammonia		1.23			04/04/2012 16:00	0.04		IF
Batch Name	BICARB-19560	QA Sample ID	AB77470					
Samples	AB77470 AB77471 AB77472 AB77473 AB77474 AB77475							
Amt Spiked for Bicarbonate Alkalinity		18.3			03/20/2012 11:15	0.62		AS
Alkalinity		57.4			03/20/2012 11:15	0.62		AS
Cont Calb for Bicarbonate Alkalinity		96			03/20/2012 11:15	0.62		AS
Duplicate for Bicarbonate Alkalinity		57.6			03/20/2012 11:15	0.62		AS
Initial Calb for Bicarbonate Alkalinity		100			03/20/2012 11:15	0.62		AS
Lab Control for Bicarbonate Alkalinity		104			03/20/2012 11:15	0.62		AS
Precision for Bicarbonate Alkalinity		0.35			03/20/2012 11:15	0.00		AS
Recovery for Bicarbonate Alkalinity		100			03/20/2012 11:15	0.62		AS
Spiked for Bicarbonate Alkalinity		75.8			03/20/2012 11:15	0.62		AS
Batch Name	CLIC-19485	QA Sample ID	AB76788					
Samples	AB76653 AB76654 AB76655 AB76737 AB76738 AB76739 AB76740 AB76741 AB76788 AB76789 AB76790 AB76791 AB76911 AB							
Amt Spiked for Chloride, IC		105			03/08/2012 16:30	0.08		AS
Chloride		0.08		U	03/08/2012 16:30	0.08		AS
Cont Calb for Chloride, IC		92			03/08/2012 16:30	0.13		AS
Chloride		9.04			03/08/2012 16:30	0.08		AS
Duplicate for Chloride, IC		9.06			03/08/2012 16:30	0.08		AS
Initial Calb for Chloride, IC		96.8			03/08/2012 16:30	0.08		AS
Lab Control for Chloride, IC		105			03/08/2012 16:30	0.08		AS
Precision for Chloride, IC		0.22			03/08/2012 16:30	0.00		AS
Recovery for Chloride, IC		100			03/08/2012 16:30	0.08		AS
Spiked for Chloride, IC		115			03/08/2012 16:30	0.08		AS
Batch Name	CLIC-19579	QA Sample ID	AB77192					
Samples	AB76999 AB77128 AB77129 AB77130 AB77131 AB77132							
Amt Spiked for Chloride, IC		105			03/22/2012 08:30	0.08		AS
Chloride		0.08		U	03/22/2012 08:30	0.08		AS
Cont Calb for Chloride, IC		98			03/22/2012 08:30	0.13		AS
Chloride		4.95			03/22/2012 08:30	0.08		AS
Duplicate for Chloride, IC		4.96			03/22/2012 08:30	0.08		AS

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Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name	CLIC-19579	QA Sample ID	AB77192					
Samples AB76999 AB77128 AB77129 AB77130 AB77131 AB77132								
Initial Calb for Chloride, IC								
		103			03/22/2012 08:30	0.08		AS
Lab Control for Chloride, IC								
		105			03/22/2012 08:30	0.08		AS
Precision for Chloride, IC								
		0.20			03/22/2012 08:30	0.00		AS
Recovery for Chloride, IC								
		100			03/22/2012 08:30	0.13		AS
Spiked for Chloride, IC								
		111			03/22/2012 08:30	0.08		AS
Batch Name	CLIC-19611	QA Sample ID	AB77776					
Samples AB77470 AB77471 AB77472 AB77473 AB77474 AB77475								
Amt Spiked for Chloride, IC								
		105			03/28/2012 10:30	0.08		AS
Chloride								
		0.08		U	03/28/2012 10:30	0.08		AS
Cont Calb for Chloride, IC								
		93			03/28/2012 10:30	0.13		AS
Chloride								
		43.7			03/28/2012 10:30	0.08		AS
Duplicate for Chloride, IC								
		43.7			03/28/2012 10:30	0.08		AS
Initial Calb for Chloride, IC								
		97.4			03/28/2012 10:30	0.08		AS
Lab Control for Chloride, IC								
		105			03/28/2012 10:30	0.08		AS
Precision for Chloride, IC								
		0.0			03/28/2012 10:30	0.00		AS
Recovery for Chloride, IC								
		95			03/28/2012 10:30	0.13		AS
Spiked for Chloride, IC								
		143			03/28/2012 10:30	0.08		AS
Batch Name	FE-19422	QA Sample ID	AB76345					
Samples AB76653 AB76654 AB76655								
Iron, Amt Spike								
		2000			03/01/2012 11:40	2		TER
Iron, MB								
		2.0		U	03/01/2012 11:40	2		TER
Iron, Cont Calib								
		89.0			03/01/2012 11:40	0.00		TER
Iron, Duplicate								
		301			03/01/2012 11:40	2		TER
Iron (Fe)								
		295			03/01/2012 11:40	2		TER
Iron, Initial Calib								
		1780			03/01/2012 11:40	2		TER
Iron, LCS								
		2000			03/01/2012 11:40	2		TER
Iron, Precision								
		2.01			03/01/2012 11:40	0.00		TER
Iron, % Recovery								
		93.2			03/01/2012 11:40	0.00		TER
Iron, Spike								
		2160			03/01/2012 11:40	2		TER
Batch Name	FE-19454	QA Sample ID	AB76737					
Samples AB76737 AB76738 AB76739 AB76740 AB76741 AB76788 AB76789 AB76790 AB76791								
Iron, Amt Spike								
		2000			03/06/2012 11:30	2		TER

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					Analyzed											
Batch Name FE-19454 QA Sample ID AB76737																
Samples AB76737 AB76738 AB76739 AB76740 AB76741 AB76788 AB76789 AB76790 AB76791																
Iron, MB		6.3		I	03/06/2012	11:30	2		TER							
Iron, Cont Calib		99.5			03/06/2012	11:30	0.00		TER							
Iron, Duplicate		56.4			03/06/2012	11:30	2		TER							
Iron (Fe)		50.0			03/06/2012	11:30	2		TER							
Iron, Initial Calib		1990			03/06/2012	11:30	2		TER							
Iron, LCS		2000			03/06/2012	11:30	2		TER							
Iron, Precision		12.0			03/06/2012	11:30	0.00		TER							
Iron, % Recovery		97.5			03/06/2012	11:30	0.00		TER							
Iron, Spike		2000			03/06/2012	11:30	2		TER							
Batch Name FE-19471 QA Sample ID AB76912																
Samples AB76911 AB76912 AB76913 AB76998 AB76999 AB77000 AB77001 AB77002																
Iron, Amt Spike		2000			03/08/2012	11:15	2		TER							
Iron, MB		2.0		U	03/08/2012	11:15	2		TER							
Iron, Cont Calib		95.0			03/08/2012	11:15	0.00		TER							
Iron, Duplicate		10.7			03/08/2012	11:15	2		TER							
Iron (Fe)		10.4			03/08/2012	11:15	2		TER							
Iron, Initial Calib		1900			03/08/2012	11:15	2		TER							
Iron, LCS		2000			03/08/2012	11:15	2		TER							
Iron, Precision		2.84			03/08/2012	11:15	0.00		TER							
Iron, % Recovery		99.0			03/08/2012	11:15	0.00		TER							
Iron, Spike		1990			03/08/2012	11:15	2		TER							
Batch Name FE-19491 QA Sample ID AB77128																
Samples AB77128 AB77129 AB77130 AB77131 AB77132																
Iron, Amt Spike		2000			03/12/2012	12:40	2		TER							
Iron, MB		5.5		I	03/12/2012	12:40	2		TER							
Iron, Cont Calib		97.5			03/12/2012	12:40	0.00		TER							
Iron, Duplicate		72.3			03/12/2012	12:40	2		TER							
Iron (Fe)		80.0			03/12/2012	12:40	2		TER							
Iron, Initial Calib		1950			03/12/2012	12:40	2		TER							
Iron, LCS		2000			03/12/2012	12:40	2		TER							
Iron, Precision		10.1			03/12/2012	12:40	0.00		TER							
Iron, % Recovery		102			03/12/2012	12:40	0.00		TER							

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Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name	FE-19491	QA Sample ID	AB77128					
Samples	AB77128 AB77129 AB77130 AB77131 AB77132							
Iron, Spike		2120			03/12/2012 12:40	2		TER
Batch Name	FE-19598	QA Sample ID	AB77470					
Samples	AB77470 AB77471 AB77472 AB77473 AB77474 AB77475							
Iron, Amt Spike		2000			03/27/2012 12:00	2		TER
Iron, MB		2.7		I	03/27/2012 12:00	2		TER
Iron, Cont Calib		97.5			03/27/2012 12:00	0.00		TER
Iron, Duplicate		33.2			03/27/2012 12:00	2		TER
Iron (Fe)		34.6			03/27/2012 12:00	2		TER
Iron, Initial Calib		1950			03/27/2012 12:00	2		TER
Iron, LCS		2000			03/27/2012 12:00	2		TER
Iron, Precision		4.13			03/27/2012 12:00	0.00		TER
Iron, % Recovery		94.3			03/27/2012 12:00	0.00		TER
Iron, Spike		1920			03/27/2012 12:00	2		TER
Batch Name	HG-19432	QA Sample ID	AB76462					
Samples	AB76653 AB76654 AB76655							
Mercury, Amt Spike		3.45			03/02/2012 11:45	0.03		TER
Mercury, MB		0.03		U	03/02/2012 11:45	0.03		TER
Mercury, Cont Calib		95.4			03/02/2012 11:45	0.00		TER
Mercury, Duplicate		0.03		U	03/02/2012 11:45	0.03		TER
Mercury (Hg)		0.03		U	03/02/2012 11:45	0.03		TER
Mercury, Initial Calib		3.29			03/02/2012 11:45	0.03		TER
Mercury, LCS		3.45			03/02/2012 11:45	0.03		TER
Mercury, Precision		0.00			03/02/2012 14:29	0.00		TER
Mercury, % Recovery		92.8			03/02/2012 11:45	0.00		TER
Mercury, Spike		3.23			03/02/2012 11:45	0.03		TER
Batch Name	HG-19483	QA Sample ID	AB76737					
Samples	AB76737 AB76738 AB76739 AB76740 AB76741 AB76788 AB76789 AB76790 AB76791 AB76912							
Mercury, Amt Spike		3.45			03/09/2012 12:10	0.03		TER
Mercury, MB		0.03		U	03/09/2012 12:10	0.03		TER
Mercury, Cont Calib		98.6			03/09/2012 12:10	0.00		TER
Mercury, Duplicate		0.04		I	03/09/2012 12:10	0.03		TER
Mercury (Hg)		0.04		I	03/09/2012 12:10	0.03		TER

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Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name	HG-19483	QA Sample ID	AB76737					
Samples AB76737 AB76738 AB76739 AB76740 AB76741 AB76788 AB76789 AB76790 AB76791 AB76912								
Mercury, Initial Calib 3.40 03/09/2012 12:10 0.03 TER								
Mercury, LCS 3.45 03/09/2012 12:10 0.03 TER								
Mercury, Precision 0.00 03/09/2012 15:07 0.00 TER								
Mercury, % Recovery 98.3 03/09/2012 12:10 0.00 TER								
Mercury, Spike 3.43 03/09/2012 12:10 0.03 TER								
Batch Name	HG-19484	QA Sample ID	AB76911					
Samples AB76911 AB76913 AB76998 AB76999 AB77000 AB77001 AB77002								
Mercury, Amt Spike 3.45 03/09/2012 12:10 0.03 TER								
Mercury, MB 0.03 U 03/09/2012 12:10 0.03 TER								
Mercury, Cont Calib 98.6 03/09/2012 12:10 0.00 TER								
Mercury, Duplicate 0.03 I 03/09/2012 12:10 0.03 TER								
Mercury (Hg) 0.03 U 03/09/2012 12:10 0.03 TER								
Mercury, Initial Calib 3.40 03/09/2012 12:10 0.03 TER								
Mercury, LCS 3.45 03/09/2012 12:10 0.03 TER								
Mercury, Precision 0.00 03/09/2012 15:10 0.00 TER								
Mercury, % Recovery 98.8 03/09/2012 12:10 0.00 TER								
Mercury, Spike 3.44 03/09/2012 12:10 0.03 TER								
Batch Name	HG-19546	QA Sample ID	AB77133					
Samples AB77128 AB77129 AB77130 AB77131 AB77132								
Mercury, Amt Spike 3.45 03/16/2012 11:50 0.03 TER								
Mercury, MB 0.10 03/16/2012 11:50 0.03 TER								
Mercury, Cont Calib 100 03/16/2012 11:50 0.00 TER								
Mercury, Duplicate 0.07 I 03/16/2012 11:50 0.03 TER								
Mercury (Hg) 0.07 I 03/16/2012 11:50 0.03 TER								
Mercury, Initial Calib 3.46 03/16/2012 11:50 0.03 TER								
Mercury, LCS 3.45 03/16/2012 11:50 0.03 TER								
Mercury, Precision 0.00 03/16/2012 14:34 0.00 TER								
Mercury, % Recovery 100 03/16/2012 11:50 0.00 TER								
Mercury, Spike 3.52 03/16/2012 11:50 0.03 TER								
Batch Name	HG-19597	QA Sample ID	AB77470					
Samples AB77470 AB77471 AB77472 AB77473 AB77474 AB77475								
Mercury, Amt Spike 7.87 03/27/2012 10:50 0.03 TER								

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Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name	HG-19597	QA Sample ID	AB77470					
Samples AB77470 AB77471 AB77472 AB77473 AB77474 AB77475								
Mercury, MB								
		0.03		U	03/27/2012 10:50	0.03		TER
Mercury, Cont Calib								
		105			03/27/2012 10:50	0.00		TER
Mercury, Duplicate								
		0.03		U	03/27/2012 10:50	0.03		TER
Mercury (Hg)								
		0.03		U	03/27/2012 10:50	0.03		TER
Mercury, Initial Calib								
		8.25			03/27/2012 10:50	0.03		TER
Mercury, LCS								
		7.87			03/27/2012 10:50	0.03		TER
Mercury, Precision								
		0.00			03/27/2012 14:36	0.00		TER
Mercury, % Recovery								
		96.2			03/27/2012 10:50	0.00		TER
Mercury, Spike								
		7.60			03/27/2012 10:50	0.03		TER
Batch Name	NA-19423	QA Sample ID	AB76345					
Samples AB76653 AB76654 AB76655								
Sodium, Amt Spike								
		2.00			03/01/2012 11:40	0.06		TER
Sodium, Blank								
		0.06		U	03/01/2012 11:40	0.06		TER
Sodium								
		94.0			03/01/2012 11:40	0.00		TER
Sodium, Duplicate								
		4.82			03/01/2012 11:40	0.06		TER
Sodium, Initial Calib								
		1.88			03/01/2012 11:40	0.06		TER
Sodium, LCS								
		2.00			03/01/2012 11:40	0.06		TER
Sodium (Na)								
		4.90			03/01/2012 11:40	0.06		TER
Sodium, Precision								
		2.7			03/01/2012 11:40	0.00		TER
Sodium, % Recovery								
		95.0			03/01/2012 11:40	0.00		TER
Sodium, Spike								
		6.51			03/01/2012 11:40	0.06		TER
Batch Name	NA-19455	QA Sample ID	AB76737					
Samples AB76737 AB76738 AB76739 AB76740 AB76741 AB76788 AB76789 AB76790 AB76791								
Sodium, Amt Spike								
		2.00			03/06/2012 11:30	0.06		TER
Sodium, Blank								
		0.06		I	03/06/2012 11:30	0.06		TER
Sodium								
		98.0			03/06/2012 11:30	0.00		TER
Sodium, Duplicate								
		1.95			03/06/2012 11:30	0.06		TER
Sodium, Initial Calib								
		1.95			03/06/2012 11:30	0.06		TER
Sodium, LCS								
		2.00			03/06/2012 11:30	0.06		TER
Sodium (Na)								
		1.98			03/06/2012 11:30	0.06		TER
Sodium, Precision								
		1.5			03/06/2012 11:30	0.00		TER
Sodium, % Recovery								
		94.0			03/06/2012 11:30	0.00		TER

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Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name	NA-19455	QA Sample ID	AB76737					
Samples AB76737 AB76738 AB76739 AB76740 AB76741 AB76788 AB76789 AB76790 AB76791								
Sodium, Spike 3.74 03/06/2012 11:30 0.06 TER								
Batch Name	NA-19472	QA Sample ID	AB76912					
Samples AB76911 AB76912 AB76913 AB76998 AB76999 AB77000 AB77001 AB77002								
Sodium, Amt Spike	2.00				03/08/2012 11:15	0.06		TER
Sodium, Blank	0.06		U		03/08/2012 11:15	0.06		TER
Sodium	96.0				03/08/2012 11:15	0.00		TER
Sodium, Duplicate	52.5				03/08/2012 11:15	0.06		TER
Sodium, Initial Calib	1.92				03/08/2012 11:15	0.06		TER
Sodium, LCS	2.00				03/08/2012 11:15	0.06		TER
Sodium (Na)	53.4				03/08/2012 11:15	0.06		TER
Sodium, Precision	1.7				03/08/2012 11:15	0.00		TER
Sodium, % Recovery	99.0				03/08/2012 11:15	0.00		TER
Sodium, Spike	55.0				03/08/2012 11:15	0.06		TER
Batch Name	NA-19490	QA Sample ID	AB77128					
Samples AB77128 AB77129 AB77130 AB77131 AB77132								
Sodium, Amt Spike	2.00				03/12/2012 12:40	0.06		TER
Sodium, Blank	0.06		U		03/12/2012 12:40	0.06		TER
Sodium	101				03/12/2012 12:40	0.00		TER
Sodium, Duplicate	2.64				03/12/2012 12:40	0.06		TER
Sodium, Initial Calib	1.01				03/12/2012 12:40	0.06		TER
Sodium, LCS	1.00				03/12/2012 12:40	0.06		TER
Sodium (Na)	3.76				03/12/2012 12:40	0.06		TER
Sodium, Precision	0.00				03/12/2012 12:40	0.00		TER
Sodium, % Recovery	97.0				03/12/2012 12:40	0.00		TER
Sodium, Spike	5.76				03/12/2012 12:40	0.06		TER
Batch Name	NA-19599	QA Sample ID	AB77470					
Samples AB77470 AB77471 AB77472 AB77473 AB77474 AB77475								
Sodium, Amt Spike	2.00				03/27/2012 12:00	0.06		TER
Sodium, Blank	0.06		U		03/27/2012 12:00	0.06		TER
Sodium	98.0				03/27/2012 12:00	0.00		TER
Sodium, Duplicate	641				03/27/2012 12:00	0.06		TER
Sodium, Initial Calib	1.97				03/27/2012 12:00	0.06		TER

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Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Batch Name	NA-19599	QA Sample ID	AB77470					
Samples AB77470 AB77471 AB77472 AB77473 AB77474 AB77475								
Sodium, LCS								
		2.00			03/27/2012 12:00	0.06		TER
Sodium (Na)								
		660			03/27/2012 12:00	0.06		TER
Sodium, Precision								
		2.9			03/27/2012 12:00	0.00		TER
Sodium, % Recovery								
		99.0			03/27/2012 12:00	0.00		TER
Sodium, Spike								
		661			03/27/2012 12:00	0.06		TER
Batch Name	NO3-19443	QA Sample ID	AB76739					
Samples AB76653 AB76654 AB76655 AB76737 AB76738 AB76739 AB76740 AB76741								
Amt Spiked for Nitrate								
		4.00			03/01/2012 14:00	0.02		IF
Nitrate (N)								
		0.02		U	03/01/2012 14:00	0.02		IF
Cont Calb for Nitrate								
		108			03/01/2012 14:00	0.02		IF
Nitrate								
		0.09		I	03/01/2012 14:00	0.02		IF
Initial Calb for Nitrate								
		4.33			03/01/2012 14:00	0.02		IF
Lab Control for Nitrate								
		4.00			03/01/2012 14:00	0.02		IF
Nitrate (N)								
		0.10			03/01/2012 14:00	0.02		IF
Precision for Nitrate								
		10.5			03/01/2012 14:00	0.00		IF
Recovery for Nitrate								
		106			03/01/2012 14:00	0.02		IF
Spiked for Nitrate								
		4.32			03/01/2012 14:00	0.02		IF
Batch Name	NO3-19451	QA Sample ID	AB76789					
Samples AB76788 AB76789 AB76790 AB76791								
Amt Spiked for Nitrate								
		4.00			03/01/2012 16:30	0.02		IF
Nitrate (N)								
		0.02		U	03/01/2012 16:30	0.02		IF
Cont Calb for Nitrate								
		108			03/01/2012 16:30	0.02		IF
Nitrate								
		0.02		U	03/01/2012 16:30	0.02		IF
Initial Calb for Nitrate								
		4.30			03/01/2012 16:30	0.02		IF
Lab Control for Nitrate								
		4.00			03/01/2012 16:30	0.02		IF
Nitrate (N)								
		0.02		U	03/02/2012 16:30	0.02		IF
Precision for Nitrate								
		0.00			03/01/2012 16:30	0.00		IF
Recovery for Nitrate								
		107			03/01/2012 16:30	0.02		IF
Spiked for Nitrate								
		4.29			03/01/2012 16:30	0.02		IF
Batch Name	NO3-19510	QA Sample ID	AB77129					
Samples AB76911 AB76912 AB76913 AB76998 AB76999 AB77000 AB77001 AB77002 AB77128 AB77129 AB77130 AB77131 AB77132								
Amt Spiked for Nitrate								
		4.00			03/13/2012 09:27	0.02		IF

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Parameter	Method	Results	Units	Qualifier	Date / Time		MDL	PQL	Analyst
					Analyzed				
Batch Name	NO3-19510	QA Sample ID	AB77129						
Samples AB76911 AB76912 AB76913 AB76998 AB76999 AB77000 AB77001 AB77002 AB77128 AB77129 AB77130 AB77131 AB77132									
Nitrate (N)		0.02		U	03/13/2012	09:27	0.02		IF
Cont Calb for Nitrate		104			03/13/2012	09:27	0.02		IF
Nitrate		1.32			03/13/2012	09:27	0.02		IF
Initial Calb for Nitrate		4.15			03/13/2012	09:27	0.02		IF
Lab Control for Nitrate		4.00			03/13/2012	09:27	0.02		IF
Nitrate (N)		1.33			03/13/2012	09:27	0.02		IF
Precision for Nitrate		0.755			03/13/2012	09:27	0.00		IF
Recovery for Nitrate		109			03/13/2012	09:27	0.02		IF
Spiked for Nitrate		5.69			03/13/2012	09:27	0.02		IF
Batch Name	NO3-19561	QA Sample ID	AB77470						
Samples AB77470 AB77471 AB77472 AB77473 AB77474 AB77475									
Amt Spiked for Nitrate		4.00			03/16/2012	16:00	0.02		IF
Nitrate (N)		0.02		U	03/16/2012	16:00	0.02		IF
Cont Calb for Nitrate		100			03/16/2012	16:00	0.02		IF
Nitrate		4.46			03/16/2012	16:00	0.02		IF
Initial Calb for Nitrate		4.02			03/16/2012	16:00	0.02		IF
Lab Control for Nitrate		4.00			03/16/2012	16:00	0.02		IF
Nitrate (N)		4.53			03/16/2012	16:00	0.02		IF
Precision for Nitrate		1.56			03/16/2012	16:00	0.00		IF
Recovery for Nitrate		103			03/16/2012	16:00	0.02		IF
Spiked for Nitrate		8.64			03/16/2012	16:00	0.02		IF
Batch Name	TDS-19462	QA Sample ID	AB76791						
Samples AB76653 AB76654 AB76655 AB76737 AB76738 AB76739 AB76740 AB76741 AB76788 AB76789 AB76790 AB76791									
Residues- Filterable (TDS)		9.89			03/05/2012	08:00	9.89		KS
Cont Calb for Total Dissolved Solids		97.7			03/05/2012	08:00	9.89		KS
TDS		260			03/05/2012	08:00	9.89		KS
Initial Calb for Total Dissolved Solids		512			03/05/2012	08:00	9.89		KS
Lab Control for Total Dissolved Solids		524			03/05/2012	08:00	9.89		KS
Precision for Total Dissolved Solids		2.33			03/05/2012	08:00	0.00		KS
Total Dissolved Solids		254			03/05/2012	08:00	9.89		KS
Batch Name	TDS-19495	QA Sample ID	AB77132						
Samples AB76911 AB76912 AB76913 AB76998 AB76999 AB77000 AB77001 AB77002 AB77128 AB77129 AB77130 AB77131 AB77132									

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Parameter	Method	Results	Units	Qualifier	Date / Time		MDL	PQL	Analyst
					Analyzed				
Batch Name	TDS-19495	QA Sample ID		AB77132					
Samples AB76911 AB76912 AB76913 AB76998 AB76999 AB77000 AB77001 AB77002 AB77128 AB77129 AB77130 AB77131 AB77132									
Residues- Filterable (TDS)		9.89			03/09/2012	09:30	9.89		KS
Cont Calb for Total Dissolved Solids		97.7			03/09/2012	09:30	9.89		KS
TDS		254			03/09/2012	09:30	9.89		KS
Initial Calb for Total Dissolved Solids		512			03/09/2012	09:30	9.89		KS
Lab Control for Total Dissolved Solids		524			03/09/2012	09:30	9.89		KS
Precision for Total Dissolved Solids		0.00			03/09/2012	09:30	0.00		KS
Total Dissolved Solids		254			03/09/2012	09:30	9.89		KS
Batch Name	TDS-19576	QA Sample ID		AB77532					
Samples AB77470 AB77471 AB77472 AB77473 AB77474 AB77475									
Residues- Filterable (TDS)		9.89			03/20/2012	10:00	9.89		KS
Cont Calb for Total Dissolved Solids		95.8			03/20/2012	10:00	9.89		KS
TDS		952			03/20/2012	10:00	9.89		KS
Initial Calb for Total Dissolved Solids		502			03/20/2012	10:00	9.89		KS
Lab Control for Total Dissolved Solids		524			03/20/2012	10:00	9.89		KS
Precision for Total Dissolved Solids		0.421			03/20/2012	10:00	0.00		KS
Total Dissolved Solids		948			03/20/2012	10:00	9.89		KS

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SOUTHERN ANALYTICAL LABORATORIES, INC.

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



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

March 20, 2012

Work Order: 1202230

Revised Report

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/05/12 15:18	JRW	
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3	03/05/12 15:18	JRW	
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 15:18	JRW	
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 15:18	JRW	
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:18	JRW	
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:18	JRW	
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/05/12 15:18	JRW	
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/05/12 15:18	JRW	
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:18	JRW	
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:18	JRW	
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 15:18	JRW	
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 15:18	JRW	
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:18	JRW	
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 15:18	JRW	
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 15:18	JRW	
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:18	JRW	
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 15:18	JRW	
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:18	JRW	
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3	03/05/12 15:18	JRW	
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:18	JRW	
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 15:18	JRW	
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:18	JRW	
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/05/12 15:18	JRW	
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:18	JRW	
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:18	JRW	
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:18	JRW	
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 15:18	JRW	
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08	03/05/12 15:18	JRW	
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1	03/05/12 15:18	JRW	
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:18	JRW	
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:18	JRW	
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6	03/05/12 15:18	JRW	
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05	03/05/12 15:18	JRW	
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:18	JRW	
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:18	JRW	
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 15:18	JRW	

SOUTHERN ANALYTICAL LABORATORIES, INC.

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



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

March 20, 2012

Work Order: 1202230

Revised Report

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Sample Description		4MW-2 2387						
Matrix		Groundwater						
SAL Sample Number		1202230-01						
Date/Time Collected		02/28/12 11:12						
Collected by		Wilfred Martfeld						
Date/Time Received		02/29/12 14:00						
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/05/12 15:18	JRW	
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:18	JRW	
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:18	JRW	
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:18	JRW	
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:18	JRW	
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/05/12 15:18	JRW	
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 15:18	JRW	
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3	03/05/12 15:18	JRW	
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2	03/05/12 15:18	JRW	
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:18	JRW	
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 15:18	JRW	
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0050 U	EPA 8011	0.020	0.0050	03/05/12 12:48	03/06/12 00:58	BTJ
1,2-Dibromoethane	ug/L	0.0050 U	EPA 8011	0.020	0.0050	03/05/12 12:48	03/06/12 00:58	BTJ
Metals								
Antimony	mg/L	0.000071 U	EPA 6020	0.00050	0.000071	03/08/12 09:32	03/08/12 12:10	VWC
Arsenic	mg/L	0.0013 I	EPA 6020	0.0050	0.00093	03/05/12 09:25	03/07/12 14:00	AWS
Barium	mg/L	0.0070	EPA 6020	0.00050	0.00018	03/05/12 09:25	03/07/12 14:00	AWS
Beryllium	mg/L	0.00050 U	EPA 6010	0.0010	0.00050	03/05/12 09:17	03/06/12 13:19	VWC
Cadmium	mg/L	0.00027 U	EPA 6020	0.00050	0.00027	03/05/12 09:25	03/07/12 14:00	AWS
Chromium	mg/L	0.0017 I	EPA 6020	0.0050	0.00035	03/05/12 09:25	03/07/12 14:00	AWS
Cobalt	mg/L	0.010 U	EPA 6010	0.10	0.010	03/05/12 09:17	03/06/12 13:19	VWC
Copper	mg/L	0.00041 I	EPA 6020	0.00050	0.00013	03/05/12 09:25	03/07/12 14:00	AWS
Lead	mg/L	0.00025 U	EPA 6020	0.00050	0.00025	03/05/12 09:25	03/07/12 14:00	AWS
Nickel	mg/L	0.0015 I	EPA 6020	0.0050	0.00046	03/05/12 09:25	03/07/12 14:00	AWS
Selenium	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/08/12 09:32	03/08/12 12:10	VWC
Silver	mg/L	0.0013 I	EPA 6010	0.020	0.0010	03/05/12 09:17	03/06/12 13:19	VWC
Thallium	mg/L	0.00024 U	EPA 6020	0.00050	0.00024	03/05/12 09:25	03/07/12 14:00	AWS
Vanadium	mg/L	0.013	EPA 6010	0.010	0.010	03/05/12 09:17	03/06/12 13:19	VWC
Zinc	mg/L	0.0027 I	EPA 6020	0.0050	0.00088	03/05/12 09:25	03/07/12 14:00	AWS

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

March 20, 2012
Work Order: 1202230
Revised Report

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/05/12 15:53	JRW	
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3	03/05/12 15:53	JRW	
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 15:53	JRW	
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 15:53	JRW	
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:53	JRW	
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:53	JRW	
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/05/12 15:53	JRW	
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/05/12 15:53	JRW	
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:53	JRW	
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:53	JRW	
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 15:53	JRW	
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 15:53	JRW	
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:53	JRW	
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 15:53	JRW	
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 15:53	JRW	
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:53	JRW	
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 15:53	JRW	
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:53	JRW	
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3	03/05/12 15:53	JRW	
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:53	JRW	
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 15:53	JRW	
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:53	JRW	
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/05/12 15:53	JRW	
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:53	JRW	
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:53	JRW	
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:53	JRW	
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 15:53	JRW	
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08	03/05/12 15:53	JRW	
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1	03/05/12 15:53	JRW	
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:53	JRW	
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:53	JRW	
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6	03/05/12 15:53	JRW	
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05	03/05/12 15:53	JRW	
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:53	JRW	
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:53	JRW	
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 15:53	JRW	

SOUTHERN ANALYTICAL LABORATORIES, INC.

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



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

March 20, 2012

Work Order: 1202230

Revised Report

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Sample Description		2MW-2 2382						
Matrix		Groundwater						
SAL Sample Number		1202230-02						
Date/Time Collected		02/28/12 12:28						
Collected by		Wilfred Martfeld						
Date/Time Received		02/29/12 14:00						
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/05/12 15:53	JRW	
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:53	JRW	
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:53	JRW	
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:53	JRW	
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:53	JRW	
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/05/12 15:53	JRW	
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 15:53	JRW	
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3	03/05/12 15:53	JRW	
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2	03/05/12 15:53	JRW	
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 15:53	JRW	
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 15:53	JRW	
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0050 U	EPA 8011	0.020	0.0050	03/05/12 12:48	03/06/12 01:19	BTJ
1,2-Dibromoethane	ug/L	0.0050 U	EPA 8011	0.020	0.0050	03/05/12 12:48	03/06/12 01:19	BTJ
Metals								
Antimony	mg/L	0.000071 U	EPA 6020	0.00050	0.000071	03/08/12 09:32	03/08/12 12:19	VWC
Arsenic	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/05/12 09:25	03/07/12 14:18	AWS
Barium	mg/L	0.059	EPA 6020	0.00050	0.00018	03/05/12 09:25	03/07/12 14:18	AWS
Beryllium	mg/L	0.00050 U	EPA 6010	0.0010	0.00050	03/05/12 09:17	03/06/12 13:23	VWC
Cadmium	mg/L	0.00042 I	EPA 6020	0.00050	0.00027	03/05/12 09:25	03/07/12 14:18	AWS
Chromium	mg/L	0.0017 I	EPA 6020	0.0050	0.00035	03/05/12 09:25	03/07/12 14:18	AWS
Cobalt	mg/L	0.010 U	EPA 6010	0.10	0.010	03/05/12 09:17	03/06/12 13:23	VWC
Copper	mg/L	0.0053	EPA 6020	0.00050	0.00013	03/05/12 09:25	03/07/12 14:18	AWS
Lead	mg/L	0.00041 I	EPA 6020	0.00050	0.00025	03/05/12 09:25	03/07/12 14:18	AWS
Nickel	mg/L	0.00091 I	EPA 6020	0.0050	0.00046	03/05/12 09:25	03/07/12 14:18	AWS
Selenium	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/08/12 09:32	03/08/12 12:19	VWC
Silver	mg/L	0.0010 U	EPA 6010	0.020	0.0010	03/05/12 09:17	03/06/12 13:23	VWC
Thallium	mg/L	0.00024 U	EPA 6020	0.00050	0.00024	03/05/12 09:25	03/07/12 14:18	AWS
Vanadium	mg/L	0.010 U	EPA 6010	0.010	0.010	03/05/12 09:17	03/06/12 13:23	VWC
Zinc	mg/L	0.015	EPA 6020	0.0050	0.00088	03/05/12 09:25	03/07/12 14:18	AWS

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

March 20, 2012
Work Order: 1202230
Revised Report

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/05/12 16:29	JRW	
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3	03/05/12 16:29	JRW	
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 16:29	JRW	
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 16:29	JRW	
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 16:29	JRW	
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 16:29	JRW	
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/05/12 16:29	JRW	
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/05/12 16:29	JRW	
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 16:29	JRW	
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 16:29	JRW	
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 16:29	JRW	
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 16:29	JRW	
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 16:29	JRW	
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 16:29	JRW	
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 16:29	JRW	
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 16:29	JRW	
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 16:29	JRW	
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 16:29	JRW	
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3	03/05/12 16:29	JRW	
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 16:29	JRW	
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 16:29	JRW	
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 16:29	JRW	
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/05/12 16:29	JRW	
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 16:29	JRW	
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 16:29	JRW	
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 16:29	JRW	
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 16:29	JRW	
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08	03/05/12 16:29	JRW	
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1	03/05/12 16:29	JRW	
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 16:29	JRW	
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 16:29	JRW	
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6	03/05/12 16:29	JRW	
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05	03/05/12 16:29	JRW	
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 16:29	JRW	
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 16:29	JRW	
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 16:29	JRW	

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

March 20, 2012
Work Order: 1202230
Revised Report

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/05/12 16:29	JRW	
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 16:29	JRW	
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 16:29	JRW	
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 16:29	JRW	
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 16:29	JRW	
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/05/12 16:29	JRW	
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 16:29	JRW	
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3	03/05/12 16:29	JRW	
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2	03/05/12 16:29	JRW	
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 16:29	JRW	
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 16:29	JRW	
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0050 U	EPA 8011	0.020	0.0050	03/05/12 12:48	03/06/12 01:40	BTJ
1,2-Dibromoethane	ug/L	0.0050 U	EPA 8011	0.020	0.0050	03/05/12 12:48	03/06/12 01:40	BTJ
Metals								
Antimony	mg/L	0.000071 U	EPA 6020	0.00050	0.000071	03/08/12 09:32	03/08/12 12:22	VWC
Arsenic	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/05/12 09:25	03/07/12 14:36	AWS
Barium	mg/L	0.0051	EPA 6020	0.00050	0.00018	03/05/12 09:25	03/07/12 14:36	AWS
Beryllium	mg/L	0.00050 U	EPA 6010	0.0010	0.00050	03/05/12 09:17	03/06/12 13:26	VWC
Cadmium	mg/L	0.00027 U	EPA 6020	0.00050	0.00027	03/05/12 09:25	03/07/12 14:36	AWS
Chromium	mg/L	0.0024 I	EPA 6020	0.0050	0.00035	03/05/12 09:25	03/07/12 14:36	AWS
Cobalt	mg/L	0.010 U	EPA 6010	0.10	0.010	03/05/12 09:17	03/06/12 13:26	VWC
Copper	mg/L	0.00013 U	EPA 6020	0.00050	0.00013	03/05/12 09:25	03/07/12 14:36	AWS
Lead	mg/L	0.00025 U	EPA 6020	0.00050	0.00025	03/05/12 09:25	03/07/12 14:36	AWS
Nickel	mg/L	0.0010 I	EPA 6020	0.0050	0.00046	03/05/12 09:25	03/07/12 14:36	AWS
Selenium	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/08/12 09:32	03/08/12 12:22	VWC
Silver	mg/L	0.0010 U	EPA 6010	0.020	0.0010	03/05/12 09:17	03/06/12 13:26	VWC
Thallium	mg/L	0.00024 U	EPA 6020	0.00050	0.00024	03/05/12 09:25	03/07/12 14:36	AWS
Vanadium	mg/L	0.010 U	EPA 6010	0.010	0.010	03/05/12 09:17	03/06/12 13:26	VWC
Zinc	mg/L	0.00088 U	EPA 6020	0.0050	0.00088	03/05/12 09:25	03/07/12 14:36	AWS

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

March 20, 2012**Work Order: 1202230****Revised Report**

*** 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 Client Services at 813-855-1844.



SOUTHERN ANALYTICAL LABORATORIES, INC.

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

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Pasco County Environmental Lab

Resource Recovery Project Name / Location Analyses for Full Appendix I List

Sammlers: (Signature)

Contact / Phone:
Candy Mulhern

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

March 20, 2012

Work Order: 1202680

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/12/12 16:49	JRW	
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3	03/12/12 16:49	JRW	
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 16:49	JRW	
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 16:49	JRW	
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 16:49	JRW	
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 16:49	JRW	
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/12/12 16:49	JRW	
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/12/12 16:49	JRW	
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 16:49	JRW	
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 16:49	JRW	
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 16:49	JRW	
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/12/12 16:49	JRW	
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 16:49	JRW	
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/12/12 16:49	JRW	
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 16:49	JRW	
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 16:49	JRW	
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 16:49	JRW	
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 16:49	JRW	
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3	03/12/12 16:49	JRW	
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 16:49	JRW	
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 16:49	JRW	
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 16:49	JRW	
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/12/12 16:49	JRW	
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 16:49	JRW	
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 16:49	JRW	
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 16:49	JRW	
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 16:49	JRW	
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08	03/12/12 16:49	JRW	
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1	03/12/12 16:49	JRW	
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 16:49	JRW	
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 16:49	JRW	
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6	03/12/12 16:49	JRW	
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05	03/12/12 16:49	JRW	
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 16:49	JRW	
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 16:49	JRW	
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 16:49	JRW	

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

March 20, 2012
Work Order: 1202680

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Sample Description	4MW1@Res Rec 2386							
Matrix	Groundwater							
SAL Sample Number	1202680-01							
Date/Time Collected	03/07/12 10:06							
Collected by	Client							
Date/Time Received	03/09/12 15:34							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/12/12 16:49	JRW	
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 16:49	JRW	
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 16:49	JRW	
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 16:49	JRW	
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 16:49	JRW	
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/12/12 16:49	JRW	
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4	03/12/12 16:49	JRW	
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3	03/12/12 16:49	JRW	
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2	03/12/12 16:49	JRW	
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 16:49	JRW	
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 16:49	JRW	
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0056 U	EPA 8011	0.022	0.0056	03/14/12 14:30	03/15/12 14:50	BTJ
1,2-Dibromoethane	ug/L	0.0056 U	EPA 8011	0.022	0.0056	03/14/12 14:30	03/15/12 14:50	BTJ
Metals								
Antimony	mg/L	0.000071 U	EPA 6020	0.00050	0.000071	03/16/12 10:00	03/16/12 12:58	AWS
Arsenic	mg/L	0.0022 I	EPA 6020	0.0050	0.00093	03/14/12 08:26	03/15/12 10:19	VWC
Barium	mg/L	0.016	EPA 6020	0.00050	0.00018	03/14/12 08:26	03/15/12 10:19	VWC
Beryllium	mg/L	0.000096 U	EPA 6010	0.0010	0.000096	03/14/12 08:19	03/14/12 16:01	VWC
Cadmium	mg/L	0.00027 U	EPA 6020	0.00050	0.00027	03/14/12 08:26	03/15/12 10:19	VWC
Chromium	mg/L	0.0011 I	EPA 6020	0.0050	0.00035	03/14/12 08:26	03/15/12 10:19	VWC
Cobalt	mg/L	0.010 U	EPA 6010	0.10	0.010	03/14/12 08:19	03/14/12 16:01	VWC
Copper	mg/L	0.00027 I	EPA 6020	0.00050	0.00013	03/14/12 08:26	03/15/12 10:19	VWC
Lead	mg/L	0.00025 U	EPA 6020	0.00050	0.00025	03/14/12 08:26	03/15/12 10:19	VWC
Nickel	mg/L	0.0037 I	EPA 6020	0.0050	0.00046	03/14/12 08:26	03/15/12 10:19	VWC
Selenium	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/16/12 10:00	03/16/12 12:58	AWS
Silver	mg/L	0.0011 U	EPA 6010	0.020	0.0011	03/14/12 08:19	03/14/12 16:01	VWC
Thallium	mg/L	0.00024 U	EPA 6020	0.00050	0.00024	03/14/12 08:26	03/15/12 10:19	VWC
Vanadium	mg/L	0.0078 U	EPA 6010	0.010	0.0078	03/14/12 08:19	03/14/12 16:01	VWC
Zinc	mg/L	0.0013 I	EPA 6020	0.0050	0.00088	03/14/12 08:26	03/15/12 10:19	VWC

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

March 20, 2012
Work Order: 1202680

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/12/12 17:59	JRW	
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3	03/12/12 17:59	JRW	
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 17:59	JRW	
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 17:59	JRW	
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 17:59	JRW	
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 17:59	JRW	
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/12/12 17:59	JRW	
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/12/12 17:59	JRW	
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 17:59	JRW	
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 17:59	JRW	
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 17:59	JRW	
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/12/12 17:59	JRW	
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 17:59	JRW	
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/12/12 17:59	JRW	
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 17:59	JRW	
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 17:59	JRW	
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 17:59	JRW	
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 17:59	JRW	
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3	03/12/12 17:59	JRW	
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 17:59	JRW	
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 17:59	JRW	
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 17:59	JRW	
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/12/12 17:59	JRW	
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 17:59	JRW	
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 17:59	JRW	
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 17:59	JRW	
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 17:59	JRW	
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08	03/12/12 17:59	JRW	
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1	03/12/12 17:59	JRW	
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 17:59	JRW	
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 17:59	JRW	
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6	03/12/12 17:59	JRW	
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05	03/12/12 17:59	JRW	
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 17:59	JRW	
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 17:59	JRW	
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 17:59	JRW	

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

March 20, 2012
Work Order: 1202680

Laboratory Report

Project Name		PASCO COUNTY RESOURCE RECOVERY						
Sample Description	2MW15AD@ Res. Rec 19766							
Matrix	Groundwater							
SAL Sample Number	1202680-02							
Date/Time Collected	03/07/12 11:18							
Collected by	Wilfred Martfeld							
Date/Time Received	03/09/12 15:34							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/12/12 17:59	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/12/12 17:59	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/12/12 17:59	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/12/12 17:59	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/12/12 17:59	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		03/12/12 17:59	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/12/12 17:59	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/12/12 17:59	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/12/12 17:59	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/12/12 17:59	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/12/12 17:59	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0057 U	EPA 8011	0.023	0.0057	03/14/12 14:30	03/15/12 15:11	BTJ
1,2-Dibromoethane	ug/L	0.0057 U	EPA 8011	0.023	0.0057	03/14/12 14:30	03/15/12 15:11	BTJ
Metals								
Antimony	mg/L	0.000071 U	EPA 6020	0.00050	0.000071	03/16/12 10:00	03/16/12 13:01	AWS
Arsenic	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/14/12 08:26	03/15/12 10:26	VWC
Barium	mg/L	0.0084	EPA 6020	0.00050	0.00018	03/14/12 08:26	03/15/12 10:26	VWC
Beryllium	mg/L	0.000096 U	EPA 6010	0.0010	0.000096	03/14/12 08:19	03/14/12 16:11	VWC
Cadmium	mg/L	0.00027 U	EPA 6020	0.00050	0.00027	03/14/12 08:26	03/15/12 10:26	VWC
Chromium	mg/L	0.0012 I	EPA 6020	0.0050	0.00035	03/14/12 08:26	03/15/12 10:26	VWC
Cobalt	mg/L	0.010 U	EPA 6010	0.10	0.010	03/14/12 08:19	03/14/12 16:11	VWC
Copper	mg/L	0.00013 U	EPA 6020	0.00050	0.00013	03/14/12 08:26	03/15/12 10:26	VWC
Lead	mg/L	0.00025 U	EPA 6020	0.00050	0.00025	03/14/12 08:26	03/15/12 10:26	VWC
Nickel	mg/L	0.0021 I	EPA 6020	0.0050	0.00046	03/14/12 08:26	03/15/12 10:26	VWC
Selenium	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/16/12 10:00	03/16/12 13:01	AWS
Silver	mg/L	0.0011 U	EPA 6010	0.020	0.0011	03/14/12 08:19	03/14/12 16:11	VWC
Thallium	mg/L	0.00024 U	EPA 6020	0.00050	0.00024	03/14/12 08:26	03/15/12 10:26	VWC
Vanadium	mg/L	0.0078 U	EPA 6010	0.010	0.0078	03/14/12 08:19	03/14/12 16:11	VWC
Zinc	mg/L	0.00093 I	EPA 6020	0.0050	0.00088	03/14/12 08:26	03/15/12 10:26	VWC

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

March 20, 2012
Work Order: 1202680

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/12/12 18:33	JRW	
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3	03/12/12 18:33	JRW	
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 18:33	JRW	
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 18:33	JRW	
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 18:33	JRW	
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 18:33	JRW	
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/12/12 18:33	JRW	
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/12/12 18:33	JRW	
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 18:33	JRW	
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 18:33	JRW	
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 18:33	JRW	
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/12/12 18:33	JRW	
Chloroform	ug/L	0.3 I	EPA 8260	0.8	0.2	03/12/12 18:33	JRW	
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/12/12 18:33	JRW	
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 18:33	JRW	
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 18:33	JRW	
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 18:33	JRW	
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 18:33	JRW	
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3	03/12/12 18:33	JRW	
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 18:33	JRW	
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 18:33	JRW	
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 18:33	JRW	
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/12/12 18:33	JRW	
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 18:33	JRW	
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 18:33	JRW	
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 18:33	JRW	
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 18:33	JRW	
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08	03/12/12 18:33	JRW	
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1	03/12/12 18:33	JRW	
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 18:33	JRW	
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 18:33	JRW	
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6	03/12/12 18:33	JRW	
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05	03/12/12 18:33	JRW	
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 18:33	JRW	
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 18:33	JRW	
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 18:33	JRW	

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

March 20, 2012
Work Order: 1202680

Laboratory Report

Project Name		PASCO COUNTY RESOURCE RECOVERY						
Sample Description	2MW24D@ Res. Rec 23444							
Matrix	Groundwater							
SAL Sample Number	1202680-03							
Date/Time Collected	03/07/12 12:10							
Collected by	Wilfred Martfeld							
Date/Time Received	03/09/12 15:34							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/12/12 18:33	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/12/12 18:33	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/12/12 18:33	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/12/12 18:33	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/12/12 18:33	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		03/12/12 18:33	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/12/12 18:33	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/12/12 18:33	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/12/12 18:33	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/12/12 18:33	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/12/12 18:33	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0057 U	EPA 8011	0.023	0.0057	03/14/12 14:30	03/15/12 15:32	BTJ
1,2-Dibromoethane	ug/L	0.0057 U	EPA 8011	0.023	0.0057	03/14/12 14:30	03/15/12 15:32	BTJ
Metals								
Antimony	mg/L	0.000071 U	EPA 6020	0.00050	0.000071	03/16/12 10:00	03/16/12 13:03	AWS
Arsenic	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/14/12 08:26	03/15/12 10:32	VWC
Barium	mg/L	0.014	EPA 6020	0.00050	0.00018	03/14/12 08:26	03/15/12 10:32	VWC
Beryllium	mg/L	0.000096 U	EPA 6010	0.0010	0.000096	03/14/12 08:19	03/14/12 16:24	VWC
Cadmium	mg/L	0.00027 U	EPA 6020	0.00050	0.00027	03/14/12 08:26	03/15/12 10:32	VWC
Chromium	mg/L	0.0014 I	EPA 6020	0.0050	0.00035	03/14/12 08:26	03/15/12 10:32	VWC
Cobalt	mg/L	0.010 U	EPA 6010	0.10	0.010	03/14/12 08:19	03/14/12 16:24	VWC
Copper	mg/L	0.00041 I	EPA 6020	0.00050	0.00013	03/14/12 08:26	03/15/12 10:32	VWC
Lead	mg/L	0.00025 U	EPA 6020	0.00050	0.00025	03/14/12 08:26	03/15/12 10:32	VWC
Nickel	mg/L	0.0044 I	EPA 6020	0.0050	0.00046	03/14/12 08:26	03/15/12 10:32	VWC
Selenium	mg/L	0.0016 I	EPA 6020	0.0050	0.00093	03/16/12 10:00	03/16/12 13:03	AWS
Silver	mg/L	0.0011 U	EPA 6010	0.020	0.0011	03/14/12 08:19	03/14/12 16:24	VWC
Thallium	mg/L	0.00024 U	EPA 6020	0.00050	0.00024	03/14/12 08:26	03/15/12 10:32	VWC
Vanadium	mg/L	0.0078 U	EPA 6010	0.010	0.0078	03/14/12 08:19	03/14/12 16:24	VWC
Zinc	mg/L	0.0013 I	EPA 6020	0.0050	0.00088	03/14/12 08:26	03/15/12 10:32	VWC

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

March 20, 2012
Work Order: 1202680

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/12/12 19:08	JRW	
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3	03/12/12 19:08	JRW	
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 19:08	JRW	
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 19:08	JRW	
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:08	JRW	
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:08	JRW	
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/12/12 19:08	JRW	
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/12/12 19:08	JRW	
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:08	JRW	
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:08	JRW	
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 19:08	JRW	
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/12/12 19:08	JRW	
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:08	JRW	
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/12/12 19:08	JRW	
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 19:08	JRW	
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:08	JRW	
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 19:08	JRW	
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:08	JRW	
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3	03/12/12 19:08	JRW	
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:08	JRW	
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 19:08	JRW	
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:08	JRW	
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/12/12 19:08	JRW	
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:08	JRW	
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:08	JRW	
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:08	JRW	
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 19:08	JRW	
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08	03/12/12 19:08	JRW	
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1	03/12/12 19:08	JRW	
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:08	JRW	
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:08	JRW	
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6	03/12/12 19:08	JRW	
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05	03/12/12 19:08	JRW	
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:08	JRW	
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:08	JRW	
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 19:08	JRW	

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

March 20, 2012

Work Order: 1202680

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Sample Description		2MW25D@ Res. Rec 20344						
Matrix		Groundwater						
SAL Sample Number		1202680-04						
Date/Time Collected		03/07/12 13:04						
Collected by		Client						
Date/Time Received		03/09/12 15:34						
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/12/12 19:08	JRW	
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:08	JRW	
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:08	JRW	
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:08	JRW	
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:08	JRW	
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/12/12 19:08	JRW	
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4	03/12/12 19:08	JRW	
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3	03/12/12 19:08	JRW	
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2	03/12/12 19:08	JRW	
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:08	JRW	
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 19:08	JRW	
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0057 U	EPA 8011	0.023	0.0057	03/16/12 15:05	03/16/12 23:52	BTJ
1,2-Dibromoethane	ug/L	0.0057 U	EPA 8011	0.023	0.0057	03/16/12 15:05	03/16/12 23:52	BTJ
Metals								
Antimony	mg/L	0.000071 U	EPA 6020	0.00050	0.000071	03/16/12 10:00	03/16/12 13:06	AWS
Arsenic	mg/L	0.0034 I	EPA 6020	0.0050	0.00093	03/14/12 08:26	03/15/12 10:38	VWC
Barium	mg/L	0.027	EPA 6020	0.00050	0.00018	03/14/12 08:26	03/15/12 10:38	VWC
Beryllium	mg/L	0.000096 U	EPA 6010	0.0010	0.000096	03/14/12 08:19	03/14/12 16:27	VWC
Cadmium	mg/L	0.00032 I	EPA 6020	0.00050	0.00027	03/14/12 08:26	03/15/12 10:38	VWC
Chromium	mg/L	0.0010 I	EPA 6020	0.0050	0.00035	03/14/12 08:26	03/15/12 10:38	VWC
Cobalt	mg/L	0.010 U	EPA 6010	0.10	0.010	03/14/12 08:19	03/14/12 16:27	VWC
Copper	mg/L	0.00063	EPA 6020	0.00050	0.00013	03/14/12 08:26	03/15/12 10:38	VWC
Lead	mg/L	0.00025 U	EPA 6020	0.00050	0.00025	03/14/12 08:26	03/15/12 10:38	VWC
Nickel	mg/L	0.0072	EPA 6020	0.0050	0.00046	03/14/12 08:26	03/15/12 10:38	VWC
Selenium	mg/L	0.0023 I	EPA 6020	0.0050	0.00093	03/16/12 10:00	03/16/12 13:06	AWS
Silver	mg/L	0.0011 U	EPA 6010	0.020	0.0011	03/14/12 08:19	03/14/12 16:27	VWC
Thallium	mg/L	0.00024 U	EPA 6020	0.00050	0.00024	03/14/12 08:26	03/15/12 10:38	VWC
Vanadium	mg/L	0.0078 U	EPA 6010	0.010	0.0078	03/14/12 08:19	03/14/12 16:27	VWC
Zinc	mg/L	0.0017 I	EPA 6020	0.0050	0.00088	03/14/12 08:26	03/15/12 10:38	VWC

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

March 20, 2012
Work Order: 1202680

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/12/12 19:43	JRW	
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3	03/12/12 19:43	JRW	
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 19:43	JRW	
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 19:43	JRW	
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:43	JRW	
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:43	JRW	
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/12/12 19:43	JRW	
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/12/12 19:43	JRW	
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:43	JRW	
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:43	JRW	
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 19:43	JRW	
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/12/12 19:43	JRW	
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:43	JRW	
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/12/12 19:43	JRW	
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 19:43	JRW	
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:43	JRW	
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 19:43	JRW	
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:43	JRW	
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3	03/12/12 19:43	JRW	
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:43	JRW	
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 19:43	JRW	
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:43	JRW	
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/12/12 19:43	JRW	
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:43	JRW	
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:43	JRW	
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:43	JRW	
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 19:43	JRW	
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08	03/12/12 19:43	JRW	
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1	03/12/12 19:43	JRW	
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:43	JRW	
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:43	JRW	
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6	03/12/12 19:43	JRW	
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05	03/12/12 19:43	JRW	
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:43	JRW	
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:43	JRW	
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 19:43	JRW	

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

March 20, 2012

Work Order: 1202680

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/12/12 19:43	JRW	
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:43	JRW	
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:43	JRW	
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:43	JRW	
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:43	JRW	
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/12/12 19:43	JRW	
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4	03/12/12 19:43	JRW	
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3	03/12/12 19:43	JRW	
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2	03/12/12 19:43	JRW	
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2	03/12/12 19:43	JRW	
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1	03/12/12 19:43	JRW	
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0055 U	EPA 8011	0.022	0.0055	03/14/12 14:30	03/15/12 16:15	BTJ
1,2-Dibromoethane	ug/L	0.0055 U	EPA 8011	0.022	0.0055	03/14/12 14:30	03/15/12 16:15	BTJ
Metals								
Antimony	mg/L	0.000071 U	EPA 6020	0.00050	0.000071	03/16/12 10:00	03/16/12 13:09	AWS
Arsenic	mg/L	0.00095 I	EPA 6020	0.0050	0.00093	03/14/12 08:26	03/15/12 10:44	VWC
Barium	mg/L	0.018	EPA 6020	0.00050	0.00018	03/14/12 08:26	03/15/12 10:44	VWC
Beryllium	mg/L	0.000096 U	EPA 6010	0.0010	0.000096	03/14/12 08:19	03/14/12 16:31	VWC
Cadmium	mg/L	0.00027 U	EPA 6020	0.00050	0.00027	03/14/12 08:26	03/15/12 10:44	VWC
Chromium	mg/L	0.0017 I	EPA 6020	0.0050	0.00035	03/14/12 08:26	03/15/12 10:44	VWC
Cobalt	mg/L	0.010 U	EPA 6010	0.10	0.010	03/14/12 08:19	03/14/12 16:31	VWC
Copper	mg/L	0.00061	EPA 6020	0.00050	0.00013	03/14/12 08:26	03/15/12 10:44	VWC
Lead	mg/L	0.00025 U	EPA 6020	0.00050	0.00025	03/14/12 08:26	03/15/12 10:44	VWC
Nickel	mg/L	0.0056	EPA 6020	0.0050	0.00046	03/14/12 08:26	03/15/12 10:44	VWC
Selenium	mg/L	0.0018 I	EPA 6020	0.0050	0.00093	03/16/12 10:00	03/16/12 13:09	AWS
Silver	mg/L	0.0011 U	EPA 6010	0.020	0.0011	03/14/12 08:19	03/14/12 16:31	VWC
Thallium	mg/L	0.00024 U	EPA 6020	0.00050	0.00024	03/14/12 08:26	03/15/12 10:44	VWC
Vanadium	mg/L	0.0078 U	EPA 6010	0.010	0.0078	03/14/12 08:19	03/14/12 16:31	VWC
Zinc	mg/L	0.0028 I	EPA 6020	0.0050	0.00088	03/14/12 08:26	03/15/12 10:44	VWC

SOUTHERN ANALYTICAL LABORATORIES, INC.

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



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

March 20, 2012

Work Order: 1202680

* 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 Client Services at 813-855-1844.

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLMSTED, FL 34677 813-855-1944 fax 813-855-2218

1202600

SAL Project No.

Client Name	Pasco County Environmental Lab	Project Name / Location	Analyses for Full Appendix I List	Contact / Phone:	Candy Muhem
				No. of Containers (Total per each location)	
				PARAMETER / CONTAINER DESCRIPTION	
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	
01	4/14/w1 @ Res. Rec.	3/7/12	1006	R	
02	2 MW15AD @ Res Rec.	3/7/12	1118	Gw	X 1 3 3
07	Trip Blank			R	X 1 3 3
08	2 MW24D @ Res. Rec.	3/7/12	1210	Gw	X 1 3 3
08	Trip Blank			R	X 1 3 3
04	2 MW25D @ Res Rec.	3/7/12	1304	Gw	X 1 3 3
09	Trip Blank			R	X 1 3 3
15	2 MW26D @ Res Rec.	3/7/12	1437	Gw	X 1 3 3
10	Trip Blank			R	X 1 3 3
Containers Prepared:	Date/Time:	Received:		Seal intact?	Y N NA
Relinquished:	1-10-12 11:55	2:30:30	3/7/12	Samples intact upon arrival?	Y N NA
Relinquished:	Date/Time: 1:53:30	Received:	Date/Time: 3/7/12	Received on ice? Temp	1.0 Y N NA
Curran	3/7/12	Received:	3/7/12	Proper preservatives indicated?	Y N NA
Reinhart	Date/Time: 11:37	Received:	3/7/12	Rec'd within holding time?	Y N NA
Reinhart	3/7/12	Received:	4:37	Volatile's rec'd w/out headspace?	Y N NA
Reinhart	3/7/12	Received:	Date/Time:	*GFAA: As, Hg, Pb	**8011 used for EBD and DBCP when DW detection limits must be met.
Reinhart	3-2-11 15:34	Received:	Date/Time:	ICP: All other metals (Equiv. Technology rule allows for 200.7 methods in lieu of 60/10 to reach dw DL.)	Y N NA
Reinhart	Date/Time:	Received:	Date/Time:	**7 day holding time for extraction on all unpreserved analyses.	Y N NA

Chain of Custody:
Rev Date 11/15/01

Chain of Custody

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

March 15, 2012
Work Order: 1202572

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/09/12 14:15	JRW	
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3	03/09/12 14:15	JRW	
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 14:15	JRW	
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 14:15	JRW	
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 14:15	JRW	
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 14:15	JRW	
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/09/12 14:15	JRW	
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/09/12 14:15	JRW	
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 14:15	JRW	
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 14:15	JRW	
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 14:15	JRW	
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/09/12 14:15	JRW	
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 14:15	JRW	
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/09/12 14:15	JRW	
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 14:15	JRW	
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 14:15	JRW	
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 14:15	JRW	
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 14:15	JRW	
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3	03/09/12 14:15	JRW	
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 14:15	JRW	
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 14:15	JRW	
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 14:15	JRW	
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/09/12 14:15	JRW	
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 14:15	JRW	
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 14:15	JRW	
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 14:15	JRW	
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 14:15	JRW	
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08	03/09/12 14:15	JRW	
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1	03/09/12 14:15	JRW	
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 14:15	JRW	
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 14:15	JRW	
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6	03/09/12 14:15	JRW	
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05	03/09/12 14:15	JRW	
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 14:15	JRW	
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 14:15	JRW	
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 14:15	JRW	

SOUTHERN ANALYTICAL LABORATORIES, INC.

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



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

March 15, 2012

Work Order: 1202572

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Sample Description		4MW-27D 23452						
Matrix		Groundwater						
SAL Sample Number		1202572-01						
Date/Time Collected		03/05/12 11:58						
Collected by		Wilfred Martfeld						
Date/Time Received		03/07/12 14:25						
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/09/12 14:15	JRW	
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 14:15	JRW	
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 14:15	JRW	
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 14:15	JRW	
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 14:15	JRW	
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/09/12 14:15	JRW	
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4	03/09/12 14:15	JRW	
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3	03/09/12 14:15	JRW	
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2	03/09/12 14:15	JRW	
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 14:15	JRW	
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 14:15	JRW	
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/09/12 13:49	03/10/12 06:42	BTJ
1,2-Dibromoethane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/09/12 13:49	03/10/12 06:42	BTJ
Metals								
Antimony	mg/L	0.0012	EPA 6020	0.00050	0.000071	03/14/12 08:20	03/14/12 11:01	AWS
Arsenic	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/09/12 08:50	03/12/12 17:50	AWS
Barium	mg/L	0.010	EPA 6020	0.00050	0.00018	03/09/12 08:50	03/12/12 17:50	AWS
Beryllium	mg/L	0.00048 I	EPA 6010	0.0010	0.000096	03/09/12 09:12	03/13/12 14:12	VWC
Cadmium	mg/L	0.00027 U	EPA 6020	0.00050	0.00027	03/09/12 08:50	03/12/12 17:50	AWS
Chromium	mg/L	0.0015 I	EPA 6020	0.0050	0.00035	03/09/12 08:50	03/12/12 17:50	AWS
Cobalt	mg/L	0.010 U	EPA 6010	0.10	0.010	03/09/12 09:12	03/13/12 14:12	VWC
Copper	mg/L	0.00013 U	EPA 6020	0.00050	0.00013	03/09/12 08:50	03/12/12 17:50	AWS
Lead	mg/L	0.00025 U	EPA 6020	0.00050	0.00025	03/09/12 08:50	03/12/12 17:50	AWS
Nickel	mg/L	0.0017 I	EPA 6020	0.0050	0.00046	03/09/12 08:50	03/12/12 17:50	AWS
Selenium	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/14/12 08:20	03/14/12 11:01	AWS
Silver	mg/L	0.0011 U	EPA 6010	0.020	0.0011	03/09/12 09:12	03/13/12 14:12	VWC
Thallium	mg/L	0.00024 U	EPA 6020	0.00050	0.00024	03/09/12 08:50	03/12/12 17:50	AWS
Vanadium	mg/L	0.012	EPA 6010	0.010	0.0078	03/09/12 09:12	03/13/12 14:12	VWC
Zinc	mg/L	0.0027 I	EPA 6020	0.0050	0.00088	03/09/12 08:50	03/12/12 17:50	AWS

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

March 15, 2012

Work Order: 1202572

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	8.8	EPA 8260	4.0	2.0	03/09/12 15:25	JRW	
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3	03/09/12 15:25	JRW	
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 15:25	JRW	
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 15:25	JRW	
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 15:25	JRW	
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 15:25	JRW	
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/09/12 15:25	JRW	
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/09/12 15:25	JRW	
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 15:25	JRW	
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 15:25	JRW	
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 15:25	JRW	
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/09/12 15:25	JRW	
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 15:25	JRW	
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/09/12 15:25	JRW	
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 15:25	JRW	
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 15:25	JRW	
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 15:25	JRW	
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 15:25	JRW	
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3	03/09/12 15:25	JRW	
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 15:25	JRW	
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 15:25	JRW	
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 15:25	JRW	
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/09/12 15:25	JRW	
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 15:25	JRW	
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 15:25	JRW	
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 15:25	JRW	
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 15:25	JRW	
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08	03/09/12 15:25	JRW	
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1	03/09/12 15:25	JRW	
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 15:25	JRW	
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 15:25	JRW	
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6	03/09/12 15:25	JRW	
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05	03/09/12 15:25	JRW	
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 15:25	JRW	
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 15:25	JRW	
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 15:25	JRW	

Pasco County Environmental Laboratory
8864 Government Drive
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March 15, 2012
Work Order: 1202572

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/09/12 15:25	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 15:25	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 15:25	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 15:25	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 15:25	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		03/09/12 15:25	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/09/12 15:25	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/09/12 15:25	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/09/12 15:25	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 15:25	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/09/12 15:25	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/09/12 13:49	03/10/12 07:03	BTJ
1,2-Dibromoethane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/09/12 13:49	03/10/12 07:03	BTJ
Metals								
Antimony	mg/L	0.0012	EPA 6020	0.00050	0.000071	03/14/12 08:20	03/14/12 11:04	AWS
Arsenic	mg/L	0.0012 I	EPA 6020	0.0050	0.00093	03/09/12 08:50	03/12/12 18:08	AWS
Barium	mg/L	0.026	EPA 6020	0.00050	0.00018	03/09/12 08:50	03/12/12 18:08	AWS
Beryllium	mg/L	0.000096 U	EPA 6010	0.0010	0.000096	03/09/12 09:12	03/13/12 14:23	VWC
Cadmium	mg/L	0.00027 U	EPA 6020	0.00050	0.00027	03/09/12 08:50	03/12/12 18:08	AWS
Chromium	mg/L	0.0016 I	EPA 6020	0.0050	0.00035	03/09/12 08:50	03/12/12 18:08	AWS
Cobalt	mg/L	0.010 U	EPA 6010	0.10	0.010	03/09/12 09:12	03/13/12 14:23	VWC
Copper	mg/L	0.00048 I	EPA 6020	0.00050	0.00013	03/09/12 08:50	03/12/12 18:08	AWS
Lead	mg/L	0.00025 U	EPA 6020	0.00050	0.00025	03/09/12 08:50	03/12/12 18:08	AWS
Nickel	mg/L	0.0066	EPA 6020	0.0050	0.00046	03/09/12 08:50	03/12/12 18:08	AWS
Selenium	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/14/12 08:20	03/14/12 11:04	AWS
Silver	mg/L	0.0011 U	EPA 6010	0.020	0.0011	03/09/12 09:12	03/13/12 14:23	VWC
Thallium	mg/L	0.00024 U	EPA 6020	0.00050	0.00024	03/09/12 08:50	03/12/12 18:08	AWS
Vanadium	mg/L	0.027	EPA 6010	0.010	0.0078	03/09/12 09:12	03/13/12 14:23	VWC
Zinc	mg/L	0.0042 I	EPA 6020	0.0050	0.00088	03/09/12 08:50	03/12/12 18:08	AWS

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

March 15, 2012

Work Order: 1202572

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/09/12 16:00	JRW	
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3	03/09/12 16:00	JRW	
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 16:00	JRW	
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 16:00	JRW	
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 16:00	JRW	
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 16:00	JRW	
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/09/12 16:00	JRW	
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/09/12 16:00	JRW	
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 16:00	JRW	
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 16:00	JRW	
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 16:00	JRW	
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/09/12 16:00	JRW	
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 16:00	JRW	
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/09/12 16:00	JRW	
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 16:00	JRW	
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 16:00	JRW	
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 16:00	JRW	
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 16:00	JRW	
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3	03/09/12 16:00	JRW	
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 16:00	JRW	
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 16:00	JRW	
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 16:00	JRW	
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/09/12 16:00	JRW	
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 16:00	JRW	
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 16:00	JRW	
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 16:00	JRW	
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 16:00	JRW	
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08	03/09/12 16:00	JRW	
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1	03/09/12 16:00	JRW	
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 16:00	JRW	
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 16:00	JRW	
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6	03/09/12 16:00	JRW	
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05	03/09/12 16:00	JRW	
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 16:00	JRW	
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 16:00	JRW	
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 16:00	JRW	

SOUTHERN ANALYTICAL LABORATORIES, INC.

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



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

March 15, 2012

Work Order: 1202572

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Sample Description		2MW-27D 23450						
Matrix		Groundwater						
SAL Sample Number		1202572-03						
Date/Time Collected		03/05/12 15:17						
Collected by		Wilfred Martfeld						
Date/Time Received		03/07/12 14:25						
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/09/12 16:00	JRW	
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 16:00	JRW	
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 16:00	JRW	
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 16:00	JRW	
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 16:00	JRW	
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/09/12 16:00	JRW	
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4	03/09/12 16:00	JRW	
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3	03/09/12 16:00	JRW	
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2	03/09/12 16:00	JRW	
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 16:00	JRW	
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 16:00	JRW	
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	03/09/12 13:49	03/10/12 07:24	BTJ
1,2-Dibromoethane	ug/L	0.0053 U	EPA 8011	0.021	0.0053	03/09/12 13:49	03/10/12 07:24	BTJ
Metals								
Antimony	mg/L	0.00093	EPA 6020	0.00050	0.000071	03/14/12 08:20	03/14/12 11:07	AWS
Arsenic	mg/L	0.0015 I	EPA 6020	0.0050	0.00093	03/09/12 08:50	03/12/12 18:15	AWS
Barium	mg/L	0.030	EPA 6020	0.00050	0.00018	03/09/12 08:50	03/12/12 18:15	AWS
Beryllium	mg/L	0.00032 I	EPA 6010	0.0010	0.000096	03/09/12 09:12	03/13/12 14:26	VWC
Cadmium	mg/L	0.00027 U	EPA 6020	0.00050	0.00027	03/09/12 08:50	03/12/12 18:15	AWS
Chromium	mg/L	0.0018 I	EPA 6020	0.0050	0.00035	03/09/12 08:50	03/12/12 18:15	AWS
Cobalt	mg/L	0.010 U	EPA 6010	0.10	0.010	03/09/12 09:12	03/13/12 14:26	VWC
Copper	mg/L	0.00039 I	EPA 6020	0.00050	0.00013	03/09/12 08:50	03/12/12 18:15	AWS
Lead	mg/L	0.00025 U	EPA 6020	0.00050	0.00025	03/09/12 08:50	03/12/12 18:15	AWS
Nickel	mg/L	0.0069	EPA 6020	0.0050	0.00046	03/09/12 08:50	03/12/12 18:15	AWS
Selenium	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/14/12 08:20	03/14/12 11:07	AWS
Silver	mg/L	0.0011 U	EPA 6010	0.020	0.0011	03/09/12 09:12	03/13/12 14:26	VWC
Thallium	mg/L	0.00024 U	EPA 6020	0.00050	0.00024	03/09/12 08:50	03/12/12 18:15	AWS
Vanadium	mg/L	0.0085 I	EPA 6010	0.010	0.0078	03/09/12 09:12	03/13/12 14:26	VWC
Zinc	mg/L	0.0025 I	EPA 6020	0.0050	0.00088	03/09/12 08:50	03/12/12 18:15	AWS

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Pasco County Environmental Laboratory
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New Port Richey, FL 34654

March 15, 2012

Work Order: 1202572

* 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 Client Services at 813-855-1844.

A handwritten signature in black ink that appears to read "Francis I. Daniels".

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, ODESMAR, FL 34677 813-855-1944 fax 813-855-2213

SAL Project No. 1202572

Client Name	Project Name / Location	Analyses for Full Appendix I List	Parameter / Container Description	No. of Containers (Total per each location)	
Resource Recovery				Client Name	Contact / Phone:
<i>John Ross</i>	DW-Drinking Water WW-Wastewater SW-Surface Water SL-Sludge SO-Soil GW-Groundwater SA-Saline Water O-Other R-Reagent Water				Candy Mulvern
SAL Use Only Sample No.	Matrix Codes:	Date	Time	Matrix	Parameter / Container Description
01	4/MW27D @ Res. Rec.	3/5/12	11:58	G W	40 mL Vials, Na ₂ SO ₃ 8260 App. I Volatiles (DBCP, EDB only)
02	Trip Blank			R	40 mL Vials, Na ₂ SO ₃ 8011 Organics **
03	4/MW27D @ Res. Rec.	3/5/12	14:08	G W	40 mL Vials, Na ₂ SO ₃ 8011 Organics **
05	Tri-P Blank			R	40 mL Vials, Na ₂ SO ₃ 8011 Organics **
03	2 MW27D @ Res. Rec.	3/5/12	15:17	G W	40 mL Vials, Na ₂ SO ₃ 8011 Organics **
04	Tri-P Blank			R	40 mL Vials, Na ₂ SO ₃ 8011 Organics **
04					Sample sent to S.A.L.
					3/7/12
Containers Prepared / Relinquished:					
1-2-12 UTC	Received: 3/5/12	Date/Time: 3/5/12	Seal intact?	Y N	Instructions / Remarks
16:00	Received: 3/5/12	Date/Time: 3/5/12	Samples intact upon arrival?	Y N	NOTE: Please review permit requirements when scheduling analyses to determine the MDL's needed for project.
Am 3	Received: 3/5/12	Date/Time: 3/5/12	Received on ice? Temp. _____	Y N	**8011 used for EBD and DBCP when DW detection limits must be met.
3/7/12	Received: 3/7/12	Date/Time: 3/7/12	Proper preservatives indicated?	Y N	* ICPL All other metals (Equiv. Technology rule allows for 200.7 methods in lieu of 6010 to reach dw DL.)
14:25	Received: 3/7/12	Date/Time: 3/7/12	Rec'd within holding time?	Y N	**7 day holding time for extraction on all unpreserved analyses.
030712	Received: 030712	Date/Time:	Vials/rec'd w/out headspace?	Y N	
			Proper containers used?	Y N	
Containers Relinquished:					
<i>John Ross</i>	Received: 3/5/12	Date/Time: 3/5/12	Received on ice? Temp. _____	Y N	
<i>John Ross</i>	Received: 3/5/12	Date/Time: 3/5/12	Proper preservatives indicated?	Y N	
<i>John Ross</i>	Received: 3/7/12	Date/Time: 3/7/12	Rec'd within holding time?	Y N	
<i>John Ross</i>	Received: 030712	Date/Time:	Vials/rec'd w/out headspace?	Y N	
<i>John Ross</i>	Received: 030712	Date/Time:	Proper containers used?	Y N	

SOUTHERN ANALYTICAL LABORATORIES, INC.

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



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

March 9, 2012

Work Order: 1202363

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/05/12 17:09	JRW	
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3	03/05/12 17:09	JRW	
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 17:09	JRW	
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 17:09	JRW	
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 17:09	JRW	
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 17:09	JRW	
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/05/12 17:09	JRW	
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/05/12 17:09	JRW	
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 17:09	JRW	
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 17:09	JRW	
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 17:09	JRW	
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 17:09	JRW	
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 17:09	JRW	
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 17:09	JRW	
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 17:09	JRW	
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 17:09	JRW	
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 17:09	JRW	
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 17:09	JRW	
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3	03/05/12 17:09	JRW	
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 17:09	JRW	
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 17:09	JRW	
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 17:09	JRW	
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/05/12 17:09	JRW	
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 17:09	JRW	
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 17:09	JRW	
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 17:09	JRW	
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 17:09	JRW	
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08	03/05/12 17:09	JRW	
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1	03/05/12 17:09	JRW	
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 17:09	JRW	
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 17:09	JRW	
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6	03/05/12 17:09	JRW	
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05	03/05/12 17:09	JRW	
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 17:09	JRW	
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 17:09	JRW	
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 17:09	JRW	

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

March 9, 2012
Work Order: 1202363

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/05/12 17:09	JRW	
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 17:09	JRW	
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 17:09	JRW	
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 17:09	JRW	
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 17:09	JRW	
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/05/12 17:09	JRW	
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 17:09	JRW	
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3	03/05/12 17:09	JRW	
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2	03/05/12 17:09	JRW	
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 17:09	JRW	
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 17:09	JRW	
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0050 U	EPA 8011	0.020	0.0050	03/05/12 12:41	03/06/12 07:00	BTJ
1,2-Dibromoethane	ug/L	0.0050 U	EPA 8011	0.020	0.0050	03/05/12 12:41	03/06/12 07:00	BTJ
Metals								
Antimony	mg/L	0.000071 U	EPA 6020	0.00050	0.000071	03/08/12 09:32	03/08/12 12:24	VWC
Arsenic	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/05/12 09:25	03/07/12 15:32	AWS
Barium	mg/L	0.0093	EPA 6020	0.00050	0.00018	03/05/12 09:25	03/07/12 15:32	AWS
Beryllium	mg/L	0.00050 U	EPA 6010	0.0010	0.00050	03/05/12 09:17	03/06/12 13:46	VWC
Cadmium	mg/L	0.00027 U	EPA 6020	0.00050	0.00027	03/05/12 09:25	03/07/12 15:32	AWS
Chromium	mg/L	0.0021 I	EPA 6020	0.0050	0.00035	03/05/12 09:25	03/07/12 15:32	AWS
Cobalt	mg/L	0.010 U	EPA 6010	0.10	0.010	03/05/12 09:17	03/06/12 13:46	VWC
Copper	mg/L	0.00013 U	EPA 6020	0.00050	0.00013	03/05/12 09:25	03/07/12 15:32	AWS
Lead	mg/L	0.00025 U	EPA 6020	0.00050	0.00025	03/05/12 09:25	03/07/12 15:32	AWS
Nickel	mg/L	0.0039 I	EPA 6020	0.0050	0.00046	03/05/12 09:25	03/07/12 15:32	AWS
Selenium	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/08/12 09:32	03/08/12 12:24	VWC
Silver	mg/L	0.0010 U	EPA 6010	0.020	0.0010	03/05/12 09:17	03/06/12 13:46	VWC
Thallium	mg/L	0.00024 U	EPA 6020	0.00050	0.00024	03/05/12 09:25	03/07/12 15:32	AWS
Vanadium	mg/L	0.010 U	EPA 6010	0.010	0.010	03/05/12 09:17	03/06/12 13:46	VWC
Zinc	mg/L	0.00088 U	EPA 6020	0.0050	0.00088	03/05/12 09:25	03/07/12 15:32	AWS

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

March 9, 2012

Work Order: 1202363

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	4.8	EPA 8260	4.0	2.0	03/05/12 18:14	JRW	
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3	03/05/12 18:14	JRW	
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 18:14	JRW	
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 18:14	JRW	
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:14	JRW	
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:14	JRW	
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/05/12 18:14	JRW	
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/05/12 18:14	JRW	
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:14	JRW	
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:14	JRW	
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 18:14	JRW	
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 18:14	JRW	
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:14	JRW	
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 18:14	JRW	
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 18:14	JRW	
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:14	JRW	
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 18:14	JRW	
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:14	JRW	
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3	03/05/12 18:14	JRW	
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:14	JRW	
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 18:14	JRW	
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:14	JRW	
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/05/12 18:14	JRW	
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:14	JRW	
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:14	JRW	
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:14	JRW	
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 18:14	JRW	
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08	03/05/12 18:14	JRW	
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1	03/05/12 18:14	JRW	
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:14	JRW	
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:14	JRW	
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6	03/05/12 18:14	JRW	
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05	03/05/12 18:14	JRW	
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:14	JRW	
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:14	JRW	
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 18:14	JRW	

SOUTHERN ANALYTICAL LABORATORIES, INC.

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



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

March 9, 2012

Work Order: 1202363

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Sample Description		2MW-17S 19758						
Matrix		Groundwater						
SAL Sample Number		1202363-02						
Date/Time Collected		02/29/12 11:12						
Collected by		Wilfred Martfeld						
Date/Time Received		03/02/12 13:30						
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/05/12 18:14	JRW	
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:14	JRW	
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:14	JRW	
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:14	JRW	
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:14	JRW	
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/05/12 18:14	JRW	
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 18:14	JRW	
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3	03/05/12 18:14	JRW	
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2	03/05/12 18:14	JRW	
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:14	JRW	
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 18:14	JRW	
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0050 U	EPA 8011	0.020	0.0050	03/05/12 12:41	03/06/12 07:21	BTJ
1,2-Dibromoethane	ug/L	0.0050 U	EPA 8011	0.020	0.0050	03/05/12 12:41	03/06/12 07:21	BTJ
Metals								
Antimony	mg/L	0.000071 U	EPA 6020	0.00050	0.000071	03/08/12 09:32	03/08/12 12:27	VWC
Arsenic	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/05/12 09:25	03/07/12 15:50	AWS
Barium	mg/L	0.012	EPA 6020	0.00050	0.00018	03/05/12 09:25	03/07/12 15:50	AWS
Beryllium	mg/L	0.00050 U	EPA 6010	0.0010	0.00050	03/05/12 09:17	03/06/12 13:50	VWC
Cadmium	mg/L	0.00027 U	EPA 6020	0.00050	0.00027	03/05/12 09:25	03/07/12 15:50	AWS
Chromium	mg/L	0.0020 I	EPA 6020	0.0050	0.00035	03/05/12 09:25	03/07/12 15:50	AWS
Cobalt	mg/L	0.010 U	EPA 6010	0.10	0.010	03/05/12 09:17	03/06/12 13:50	VWC
Copper	mg/L	0.00013 U	EPA 6020	0.00050	0.00013	03/05/12 09:25	03/07/12 15:50	AWS
Lead	mg/L	0.00025 U	EPA 6020	0.00050	0.00025	03/05/12 09:25	03/07/12 15:50	AWS
Nickel	mg/L	0.0021 I	EPA 6020	0.0050	0.00046	03/05/12 09:25	03/07/12 15:50	AWS
Selenium	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/08/12 09:32	03/08/12 12:27	VWC
Silver	mg/L	0.0027 I	EPA 6010	0.020	0.0010	03/05/12 09:17	03/06/12 13:50	VWC
Thallium	mg/L	0.00024 U	EPA 6020	0.00050	0.00024	03/05/12 09:25	03/07/12 15:50	AWS
Vanadium	mg/L	0.012	EPA 6010	0.010	0.010	03/05/12 09:17	03/06/12 13:50	VWC
Zinc	mg/L	0.00088 U	EPA 6020	0.0050	0.00088	03/05/12 09:25	03/07/12 15:50	AWS

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

March 9, 2012
Work Order: 1202363

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/05/12 18:46	JRW	
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3	03/05/12 18:46	JRW	
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 18:46	JRW	
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 18:46	JRW	
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:46	JRW	
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:46	JRW	
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/05/12 18:46	JRW	
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/05/12 18:46	JRW	
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:46	JRW	
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:46	JRW	
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 18:46	JRW	
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 18:46	JRW	
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:46	JRW	
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 18:46	JRW	
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 18:46	JRW	
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:46	JRW	
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 18:46	JRW	
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:46	JRW	
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3	03/05/12 18:46	JRW	
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:46	JRW	
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 18:46	JRW	
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:46	JRW	
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/05/12 18:46	JRW	
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:46	JRW	
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:46	JRW	
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:46	JRW	
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 18:46	JRW	
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08	03/05/12 18:46	JRW	
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1	03/05/12 18:46	JRW	
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:46	JRW	
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:46	JRW	
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6	03/05/12 18:46	JRW	
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05	03/05/12 18:46	JRW	
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:46	JRW	
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:46	JRW	
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 18:46	JRW	

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

March 9, 2012
Work Order: 1202363

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/05/12 18:46	JRW	
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:46	JRW	
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:46	JRW	
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:46	JRW	
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:46	JRW	
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/05/12 18:46	JRW	
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 18:46	JRW	
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3	03/05/12 18:46	JRW	
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2	03/05/12 18:46	JRW	
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 18:46	JRW	
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 18:46	JRW	
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0050 U	EPA 8011	0.020	0.0050	03/05/12 12:41	03/06/12 08:25	BTJ
1,2-Dibromoethane	ug/L	0.0050 U	EPA 8011	0.020	0.0050	03/05/12 12:41	03/06/12 08:25	BTJ
Metals								
Antimony	mg/L	0.000071 U	EPA 6020	0.00050	0.000071	03/08/12 09:32	03/08/12 12:35	VWC
Arsenic	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/05/12 09:25	03/07/12 15:56	AWS
Barium	mg/L	0.010	EPA 6020	0.00050	0.00018	03/05/12 09:25	03/07/12 15:56	AWS
Beryllium	mg/L	0.00050 U	EPA 6010	0.0010	0.00050	03/05/12 09:17	03/06/12 13:53	VWC
Cadmium	mg/L	0.00027 U	EPA 6020	0.00050	0.00027	03/05/12 09:25	03/07/12 15:56	AWS
Chromium	mg/L	0.0029 I	EPA 6020	0.0050	0.00035	03/05/12 09:25	03/07/12 15:56	AWS
Cobalt	mg/L	0.010 U	EPA 6010	0.10	0.010	03/05/12 09:17	03/06/12 13:53	VWC
Copper	mg/L	0.00013 U	EPA 6020	0.00050	0.00013	03/05/12 09:25	03/07/12 15:56	AWS
Lead	mg/L	0.00025 U	EPA 6020	0.00050	0.00025	03/05/12 09:25	03/07/12 15:56	AWS
Nickel	mg/L	0.0042 I	EPA 6020	0.0050	0.00046	03/05/12 09:25	03/07/12 15:56	AWS
Selenium	mg/L	0.0012 I	EPA 6020	0.0050	0.00093	03/08/12 09:32	03/08/12 12:35	VWC
Silver	mg/L	0.0015 I	EPA 6010	0.020	0.0010	03/05/12 09:17	03/06/12 13:53	VWC
Thallium	mg/L	0.00024 U	EPA 6020	0.00050	0.00024	03/05/12 09:25	03/07/12 15:56	AWS
Vanadium	mg/L	0.014	EPA 6010	0.010	0.010	03/05/12 09:17	03/06/12 13:53	VWC
Zinc	mg/L	0.00088 U	EPA 6020	0.0050	0.00088	03/05/12 09:25	03/07/12 15:56	AWS

Pasco County Environmental Laboratory
8864 Government Drive
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March 9, 2012
Work Order: 1202363

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/05/12 19:19	JRW	
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3	03/05/12 19:19	JRW	
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 19:19	JRW	
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 19:19	JRW	
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 19:19	JRW	
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 19:19	JRW	
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/05/12 19:19	JRW	
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/05/12 19:19	JRW	
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 19:19	JRW	
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 19:19	JRW	
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 19:19	JRW	
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 19:19	JRW	
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 19:19	JRW	
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 19:19	JRW	
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 19:19	JRW	
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 19:19	JRW	
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 19:19	JRW	
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 19:19	JRW	
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3	03/05/12 19:19	JRW	
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 19:19	JRW	
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 19:19	JRW	
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 19:19	JRW	
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/05/12 19:19	JRW	
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 19:19	JRW	
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 19:19	JRW	
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 19:19	JRW	
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 19:19	JRW	
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08	03/05/12 19:19	JRW	
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1	03/05/12 19:19	JRW	
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 19:19	JRW	
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 19:19	JRW	
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6	03/05/12 19:19	JRW	
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05	03/05/12 19:19	JRW	
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 19:19	JRW	
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 19:19	JRW	
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 19:19	JRW	

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

March 9, 2012
Work Order: 1202363

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
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Sample Description **2MW-19D 19764**
 Matrix **Groundwater**
 SAL Sample Number **1202363-04**
 Date/Time Collected **02/29/12 13:38**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/02/12 13:30**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/05/12 19:19	JRW	
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 19:19	JRW	
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 19:19	JRW	
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 19:19	JRW	
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 19:19	JRW	
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/05/12 19:19	JRW	
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 19:19	JRW	
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3	03/05/12 19:19	JRW	
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2	03/05/12 19:19	JRW	
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 19:19	JRW	
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 19:19	JRW	
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0050 U	EPA 8011	0.020	0.0050	03/05/12 12:41	03/06/12 08:46	BTJ
1,2-Dibromoethane	ug/L	0.0050 U	EPA 8011	0.020	0.0050	03/05/12 12:41	03/06/12 08:46	BTJ
Metals								
Antimony	mg/L	0.000071 U	EPA 6020	0.00050	0.000071	03/08/12 09:32	03/08/12 12:38	VWC
Arsenic	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/05/12 09:25	03/07/12 16:02	AWS
Barium	mg/L	0.011	EPA 6020	0.00050	0.00018	03/05/12 09:25	03/07/12 16:02	AWS
Beryllium	mg/L	0.00050 U	EPA 6010	0.0010	0.00050	03/05/12 09:17	03/06/12 13:57	VWC
Cadmium	mg/L	0.00027 U	EPA 6020	0.00050	0.00027	03/05/12 09:25	03/07/12 16:02	AWS
Chromium	mg/L	0.0015 I	EPA 6020	0.0050	0.00035	03/05/12 09:25	03/07/12 16:02	AWS
Cobalt	mg/L	0.010 U	EPA 6010	0.10	0.010	03/05/12 09:17	03/06/12 13:57	VWC
Copper	mg/L	0.00013 U	EPA 6020	0.00050	0.00013	03/05/12 09:25	03/07/12 16:02	AWS
Lead	mg/L	0.00025 U	EPA 6020	0.00050	0.00025	03/05/12 09:25	03/07/12 16:02	AWS
Nickel	mg/L	0.0043 I	EPA 6020	0.0050	0.00046	03/05/12 09:25	03/07/12 16:02	AWS
Selenium	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/08/12 09:32	03/08/12 12:38	VWC
Silver	mg/L	0.0010 U	EPA 6010	0.020	0.0010	03/05/12 09:17	03/06/12 13:57	VWC
Thallium	mg/L	0.00024 U	EPA 6020	0.00050	0.00024	03/05/12 09:25	03/07/12 16:02	AWS
Vanadium	mg/L	0.010 U	EPA 6010	0.010	0.010	03/05/12 09:17	03/06/12 13:57	VWC
Zinc	mg/L	0.00088 U	EPA 6020	0.0050	0.00088	03/05/12 09:25	03/07/12 16:02	AWS

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

March 9, 2012
Work Order: 1202363

Laboratory Report

Project Name		PASCO COUNTY RESOURCE RECOVERY						
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/05/12 20:23	JRW	
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3	03/05/12 20:23	JRW	
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 20:23	JRW	
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 20:23	JRW	
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 20:23	JRW	
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 20:23	JRW	
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/05/12 20:23	JRW	
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/05/12 20:23	JRW	
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 20:23	JRW	
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 20:23	JRW	
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 20:23	JRW	
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 20:23	JRW	
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 20:23	JRW	
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 20:23	JRW	
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 20:23	JRW	
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 20:23	JRW	
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 20:23	JRW	
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 20:23	JRW	
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3	03/05/12 20:23	JRW	
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 20:23	JRW	
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 20:23	JRW	
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 20:23	JRW	
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/05/12 20:23	JRW	
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 20:23	JRW	
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 20:23	JRW	
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 20:23	JRW	
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 20:23	JRW	
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08	03/05/12 20:23	JRW	
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1	03/05/12 20:23	JRW	
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 20:23	JRW	
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 20:23	JRW	
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6	03/05/12 20:23	JRW	
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05	03/05/12 20:23	JRW	
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 20:23	JRW	
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 20:23	JRW	
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 20:23	JRW	

SOUTHERN ANALYTICAL LABORATORIES, INC.

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



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

March 9, 2012

Work Order: 1202363

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Sample Description		4MW-5 2389						
Matrix		Groundwater						
SAL Sample Number		1202363-05						
Date/Time Collected		02/29/12 15:10						
Collected by		Wilfred Martfeld						
Date/Time Received		03/02/12 13:30						
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/05/12 20:23	JRW	
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 20:23	JRW	
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 20:23	JRW	
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 20:23	JRW	
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 20:23	JRW	
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/05/12 20:23	JRW	
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4	03/05/12 20:23	JRW	
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3	03/05/12 20:23	JRW	
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2	03/05/12 20:23	JRW	
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2	03/05/12 20:23	JRW	
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1	03/05/12 20:23	JRW	
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0050 U	EPA 8011	0.020	0.0050	03/05/12 12:41	03/06/12 09:07	BTJ
1,2-Dibromoethane	ug/L	0.0050 U	EPA 8011	0.020	0.0050	03/05/12 12:41	03/06/12 09:07	BTJ
Metals								
Antimony	mg/L	0.000071 U	EPA 6020	0.00050	0.000071	03/08/12 09:32	03/08/12 12:40	VWC
Arsenic	mg/L	0.0013 I	EPA 6020	0.0050	0.00093	03/05/12 09:25	03/07/12 16:08	AWS
Barium	mg/L	0.011	EPA 6020	0.00050	0.00018	03/05/12 09:25	03/07/12 16:08	AWS
Beryllium	mg/L	0.00050 U	EPA 6010	0.0010	0.00050	03/05/12 09:17	03/06/12 14:00	VWC
Cadmium	mg/L	0.00027 U	EPA 6020	0.00050	0.00027	03/05/12 09:25	03/07/12 16:08	AWS
Chromium	mg/L	0.0023 I	EPA 6020	0.0050	0.00035	03/05/12 09:25	03/07/12 16:08	AWS
Cobalt	mg/L	0.010 U	EPA 6010	0.10	0.010	03/05/12 09:17	03/06/12 14:00	VWC
Copper	mg/L	0.00013 U	EPA 6020	0.00050	0.00013	03/05/12 09:25	03/07/12 16:08	AWS
Lead	mg/L	0.00025 U	EPA 6020	0.00050	0.00025	03/05/12 09:25	03/07/12 16:08	AWS
Nickel	mg/L	0.0050	EPA 6020	0.0050	0.00046	03/05/12 09:25	03/07/12 16:08	AWS
Selenium	mg/L	0.0018 I	EPA 6020	0.0050	0.00093	03/08/12 09:32	03/08/12 12:40	VWC
Silver	mg/L	0.0010 U	EPA 6010	0.020	0.0010	03/05/12 09:17	03/06/12 14:00	VWC
Thallium	mg/L	0.00024 U	EPA 6020	0.00050	0.00024	03/05/12 09:25	03/07/12 16:08	AWS
Vanadium	mg/L	0.010 U	EPA 6010	0.010	0.010	03/05/12 09:17	03/06/12 14:00	VWC
Zinc	mg/L	0.024	EPA 6020	0.0050	0.00088	03/05/12 09:25	03/07/12 16:08	AWS

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

March 9, 2012

Work Order: 1202363

*** 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 Client Services at 813-855-1844.



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

March 15, 2012
Work Order: 1202549

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
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Sample Description **4MW-9 2342**
 Matrix **Groundwater**
 SAL Sample Number **1202549-01**
 Date/Time Collected **03/06/12 10:09**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/07/12 14:25**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U	EPA 8260	4.0	2.0		03/09/12 11:20	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		03/09/12 11:20	JRW
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/09/12 11:20	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		03/09/12 11:20	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:20	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:20	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		03/09/12 11:20	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		03/09/12 11:20	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:20	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:20	JRW
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/09/12 11:20	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		03/09/12 11:20	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:20	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		03/09/12 11:20	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		03/09/12 11:20	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:20	JRW
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/09/12 11:20	JRW
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:20	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		03/09/12 11:20	JRW
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:20	JRW
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1		03/09/12 11:20	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:20	JRW
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/09/12 11:20	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:20	JRW
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:20	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:20	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/09/12 11:20	JRW
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08		03/09/12 11:20	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		03/09/12 11:20	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:20	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:20	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		03/09/12 11:20	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		03/09/12 11:20	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:20	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:20	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		03/09/12 11:20	JRW

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

March 15, 2012
Work Order: 1202549

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
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Sample Description **4MW-9 2342**
 Matrix **Groundwater**
 SAL Sample Number **1202549-01**
 Date/Time Collected **03/06/12 10:09**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/07/12 14:25**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/09/12 11:20	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:20	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:20	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:20	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:20	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		03/09/12 11:20	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/09/12 11:20	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/09/12 11:20	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/09/12 11:20	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:20	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/09/12 11:20	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/09/12 13:49	03/10/12 04:56	BTJ
1,2-Dibromoethane	ug/L	0.0052 U	EPA 8011	0.021	0.0052	03/09/12 13:49	03/10/12 04:56	BTJ
Metals								
Antimony	mg/L	0.0022	EPA 6020	0.00050	0.000071	03/14/12 08:20	03/14/12 10:47	AWS
Arsenic	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/09/12 08:47	03/12/12 16:37	AWS
Barium	mg/L	0.0079	EPA 6020	0.00050	0.00018	03/09/12 08:47	03/12/12 16:37	AWS
Beryllium	mg/L	0.00022 I	EPA 6010	0.0010	0.000096	03/09/12 09:12	03/13/12 13:47	VWC
Cadmium	mg/L	0.00027 U	EPA 6020	0.00050	0.00027	03/09/12 08:47	03/12/12 16:37	AWS
Chromium	mg/L	0.0018 I	EPA 6020	0.0050	0.00035	03/09/12 08:47	03/12/12 16:37	AWS
Cobalt	mg/L	0.010 U	EPA 6010	0.10	0.010	03/09/12 09:12	03/13/12 13:47	VWC
Copper	mg/L	0.00013 U	EPA 6020	0.00050	0.00013	03/09/12 08:47	03/12/12 16:37	AWS
Lead	mg/L	0.00025 U	EPA 6020	0.00050	0.00025	03/09/12 08:47	03/12/12 16:37	AWS
Nickel	mg/L	0.0028 I	EPA 6020	0.0050	0.00046	03/09/12 08:47	03/12/12 16:37	AWS
Selenium	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/14/12 08:20	03/14/12 10:47	AWS
Silver	mg/L	0.0013 I	EPA 6010	0.020	0.0011	03/09/12 09:12	03/13/12 13:47	VWC
Thallium	mg/L	0.00024 U	EPA 6020	0.00050	0.00024	03/09/12 08:47	03/12/12 16:37	AWS
Vanadium	mg/L	0.0078 U	EPA 6010	0.010	0.0078	03/09/12 09:12	03/13/12 13:47	VWC
Zinc	mg/L	0.00088 U	EPA 6020	0.0050	0.00088	03/09/12 08:47	03/12/12 16:37	AWS

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

March 15, 2012
Work Order: 1202549

Laboratory Report

Project Name		PASCO COUNTY RESOURCE RECOVERY						
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/09/12 11:55	JRW	
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3	03/09/12 11:55	JRW	
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 11:55	JRW	
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 11:55	JRW	
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 11:55	JRW	
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 11:55	JRW	
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/09/12 11:55	JRW	
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/09/12 11:55	JRW	
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 11:55	JRW	
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 11:55	JRW	
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 11:55	JRW	
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/09/12 11:55	JRW	
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 11:55	JRW	
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/09/12 11:55	JRW	
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 11:55	JRW	
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 11:55	JRW	
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 11:55	JRW	
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 11:55	JRW	
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3	03/09/12 11:55	JRW	
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 11:55	JRW	
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 11:55	JRW	
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 11:55	JRW	
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/09/12 11:55	JRW	
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 11:55	JRW	
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 11:55	JRW	
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 11:55	JRW	
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 11:55	JRW	
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08	03/09/12 11:55	JRW	
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1	03/09/12 11:55	JRW	
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 11:55	JRW	
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 11:55	JRW	
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6	03/09/12 11:55	JRW	
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05	03/09/12 11:55	JRW	
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 11:55	JRW	
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 11:55	JRW	
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 11:55	JRW	

Pasco County Environmental Laboratory
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Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/09/12 11:55	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:55	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:55	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:55	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:55	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		03/09/12 11:55	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/09/12 11:55	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/09/12 11:55	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/09/12 11:55	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 11:55	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/09/12 11:55	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0054 U	EPA 8011	0.022	0.0054	03/09/12 13:49	03/10/12 05:17	BTJ
1,2-Dibromoethane	ug/L	0.0054 U	EPA 8011	0.022	0.0054	03/09/12 13:49	03/10/12 05:17	BTJ
Metals								
Antimony	mg/L	0.0018	EPA 6020	0.00050	0.000071	03/14/12 08:20	03/14/12 10:50	AWS
Arsenic	mg/L	0.0011 I	EPA 6020	0.0050	0.00093	03/09/12 08:47	03/12/12 16:55	AWS
Barium	mg/L	0.010	EPA 6020	0.00050	0.00018	03/09/12 08:47	03/12/12 16:55	AWS
Beryllium	mg/L	0.00064 I	EPA 6010	0.0010	0.000096	03/09/12 09:12	03/13/12 13:59	VWC
Cadmium	mg/L	0.00027 U	EPA 6020	0.00050	0.00027	03/09/12 08:47	03/12/12 16:55	AWS
Chromium	mg/L	0.0016 I	EPA 6020	0.0050	0.00035	03/09/12 08:47	03/12/12 16:55	AWS
Cobalt	mg/L	0.010 U	EPA 6010	0.10	0.010	03/09/12 09:12	03/13/12 13:59	VWC
Copper	mg/L	0.00014 I	EPA 6020	0.00050	0.00013	03/09/12 08:47	03/12/12 16:55	AWS
Lead	mg/L	0.00025 U	EPA 6020	0.00050	0.00025	03/09/12 08:47	03/12/12 16:55	AWS
Nickel	mg/L	0.0034 I	EPA 6020	0.0050	0.00046	03/09/12 08:47	03/12/12 16:55	AWS
Selenium	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/14/12 08:20	03/14/12 10:50	AWS
Silver	mg/L	0.0017 I	EPA 6010	0.020	0.0011	03/09/12 09:12	03/13/12 13:59	VWC
Thallium	mg/L	0.00024 U	EPA 6020	0.00050	0.00024	03/09/12 08:47	03/12/12 16:55	AWS
Vanadium	mg/L	0.017	EPA 6010	0.010	0.0078	03/09/12 09:12	03/13/12 13:59	VWC
Zinc	mg/L	0.0010 I	EPA 6020	0.0050	0.00088	03/09/12 08:47	03/12/12 16:55	AWS

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Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	14	EPA 8260	4.0	2.0	03/09/12 12:30	JRW	
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3	03/09/12 12:30	JRW	
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 12:30	JRW	
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 12:30	JRW	
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 12:30	JRW	
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 12:30	JRW	
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/09/12 12:30	JRW	
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/09/12 12:30	JRW	
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 12:30	JRW	
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 12:30	JRW	
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 12:30	JRW	
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/09/12 12:30	JRW	
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 12:30	JRW	
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/09/12 12:30	JRW	
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 12:30	JRW	
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 12:30	JRW	
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 12:30	JRW	
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 12:30	JRW	
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3	03/09/12 12:30	JRW	
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 12:30	JRW	
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 12:30	JRW	
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 12:30	JRW	
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/09/12 12:30	JRW	
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 12:30	JRW	
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 12:30	JRW	
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 12:30	JRW	
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 12:30	JRW	
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08	03/09/12 12:30	JRW	
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1	03/09/12 12:30	JRW	
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 12:30	JRW	
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 12:30	JRW	
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6	03/09/12 12:30	JRW	
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05	03/09/12 12:30	JRW	
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 12:30	JRW	
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 12:30	JRW	
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 12:30	JRW	

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Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09		03/09/12 12:30	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 12:30	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 12:30	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 12:30	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 12:30	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		03/09/12 12:30	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		03/09/12 12:30	JRW
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3		03/09/12 12:30	JRW
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2		03/09/12 12:30	JRW
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2		03/09/12 12:30	JRW
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1		03/09/12 12:30	JRW
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0054 U	EPA 8011	0.022	0.0054	03/09/12 13:49	03/10/12 05:38	BTJ
1,2-Dibromoethane	ug/L	0.0054 U	EPA 8011	0.022	0.0054	03/09/12 13:49	03/10/12 05:38	BTJ
Metals								
Antimony	mg/L	0.0017	EPA 6020	0.00050	0.000071	03/14/12 08:20	03/14/12 10:53	AWS
Arsenic	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/09/12 08:47	03/12/12 17:01	AWS
Barium	mg/L	0.011	EPA 6020	0.00050	0.00018	03/09/12 08:47	03/12/12 17:01	AWS
Beryllium	mg/L	0.00056 I	EPA 6010	0.0010	0.000096	03/09/12 09:12	03/13/12 14:02	VWC
Cadmium	mg/L	0.0017	EPA 6020	0.00050	0.00027	03/09/12 08:47	03/12/12 17:01	AWS
Chromium	mg/L	0.0021 I	EPA 6020	0.0050	0.00035	03/09/12 08:47	03/12/12 17:01	AWS
Cobalt	mg/L	0.010 U	EPA 6010	0.10	0.010	03/09/12 09:12	03/13/12 14:02	VWC
Copper	mg/L	0.00033 I	EPA 6020	0.00050	0.00013	03/09/12 08:47	03/12/12 17:01	AWS
Lead	mg/L	0.00042 I	EPA 6020	0.00050	0.00025	03/09/12 08:47	03/12/12 17:01	AWS
Nickel	mg/L	0.0023 I	EPA 6020	0.0050	0.00046	03/09/12 08:47	03/12/12 17:01	AWS
Selenium	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/14/12 08:20	03/14/12 10:53	AWS
Silver	mg/L	0.0027 I	EPA 6010	0.020	0.0011	03/09/12 09:12	03/13/12 14:02	VWC
Thallium	mg/L	0.00024 U	EPA 6020	0.00050	0.00024	03/09/12 08:47	03/12/12 17:01	AWS
Vanadium	mg/L	0.0085 I	EPA 6010	0.010	0.0078	03/09/12 09:12	03/13/12 14:02	VWC
Zinc	mg/L	0.0077	EPA 6020	0.0050	0.00088	03/09/12 08:47	03/12/12 17:01	AWS

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Project Name		PASCO COUNTY RESOURCE RECOVERY						
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/09/12 13:05	JRW	
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3	03/09/12 13:05	JRW	
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 13:05	JRW	
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 13:05	JRW	
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:05	JRW	
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:05	JRW	
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/09/12 13:05	JRW	
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/09/12 13:05	JRW	
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:05	JRW	
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:05	JRW	
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 13:05	JRW	
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/09/12 13:05	JRW	
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:05	JRW	
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/09/12 13:05	JRW	
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 13:05	JRW	
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:05	JRW	
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 13:05	JRW	
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:05	JRW	
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3	03/09/12 13:05	JRW	
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:05	JRW	
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 13:05	JRW	
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:05	JRW	
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/09/12 13:05	JRW	
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:05	JRW	
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:05	JRW	
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:05	JRW	
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 13:05	JRW	
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08	03/09/12 13:05	JRW	
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1	03/09/12 13:05	JRW	
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:05	JRW	
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:05	JRW	
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6	03/09/12 13:05	JRW	
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05	03/09/12 13:05	JRW	
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:05	JRW	
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:05	JRW	
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 13:05	JRW	

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

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Work Order: 1202549

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
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Sample Description **4MW-8 2341**
 Matrix **Groundwater**
 SAL Sample Number **1202549-04**
 Date/Time Collected **03/06/12 13:46**
 Collected by **Wilfred Martfeld**
 Date/Time Received **03/07/12 14:25**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/09/12 13:05	JRW	
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:05	JRW	
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:05	JRW	
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:05	JRW	
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:05	JRW	
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/09/12 13:05	JRW	
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4	03/09/12 13:05	JRW	
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3	03/09/12 13:05	JRW	
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2	03/09/12 13:05	JRW	
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:05	JRW	
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 13:05	JRW	
Pesticide Analyses								
1,2-Dibromo-3-chloropropane	ug/L	0.0054 U	EPA 8011	0.022	0.0054	03/09/12 13:49	03/10/12 05:59	BTJ
1,2-Dibromoethane	ug/L	0.0054 U	EPA 8011	0.022	0.0054	03/09/12 13:49	03/10/12 05:59	BTJ
Metals								
Antimony	mg/L	0.0014	EPA 6020	0.00050	0.000071	03/14/12 08:20	03/14/12 10:56	AWS
Arsenic	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/09/12 08:47	03/12/12 17:08	AWS
Barium	mg/L	0.0077	EPA 6020	0.00050	0.00018	03/09/12 08:47	03/12/12 17:08	AWS
Beryllium	mg/L	0.000096 U	EPA 6010	0.0010	0.000096	03/09/12 09:12	03/13/12 14:05	VWC
Cadmium	mg/L	0.00027 U	EPA 6020	0.00050	0.00027	03/09/12 08:47	03/12/12 17:08	AWS
Chromium	mg/L	0.0016 I	EPA 6020	0.0050	0.00035	03/09/12 08:47	03/12/12 17:08	AWS
Cobalt	mg/L	0.010 U	EPA 6010	0.10	0.010	03/09/12 09:12	03/13/12 14:05	VWC
Copper	mg/L	0.00013 U	EPA 6020	0.00050	0.00013	03/09/12 08:47	03/12/12 17:08	AWS
Lead	mg/L	0.00025 U	EPA 6020	0.00050	0.00025	03/09/12 08:47	03/12/12 17:08	AWS
Nickel	mg/L	0.0026 I	EPA 6020	0.0050	0.00046	03/09/12 08:47	03/12/12 17:08	AWS
Selenium	mg/L	0.00093 U	EPA 6020	0.0050	0.00093	03/14/12 08:20	03/14/12 10:56	AWS
Silver	mg/L	0.0011 U	EPA 6010	0.020	0.0011	03/09/12 09:12	03/13/12 14:05	VWC
Thallium	mg/L	0.00024 U	EPA 6020	0.00050	0.00024	03/09/12 08:47	03/12/12 17:08	AWS
Vanadium	mg/L	0.0078 U	EPA 6010	0.010	0.0078	03/09/12 09:12	03/13/12 14:05	VWC
Zinc	mg/L	0.00088 U	EPA 6020	0.0050	0.00088	03/09/12 08:47	03/12/12 17:08	AWS

SOUTHERN ANALYTICAL LABORATORIES, INC.

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



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

March 15, 2012

Work Order: 1202549

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY							
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/09/12 13:40	JRW	
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3	03/09/12 13:40	JRW	
Benzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 13:40	JRW	
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 13:40	JRW	
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:40	JRW	
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:40	JRW	
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/09/12 13:40	JRW	
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0	03/09/12 13:40	JRW	
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:40	JRW	
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:40	JRW	
Chlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 13:40	JRW	
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/09/12 13:40	JRW	
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:40	JRW	
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4	03/09/12 13:40	JRW	
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 13:40	JRW	
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:40	JRW	
1,2-Dichlorobenzene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 13:40	JRW	
1,4-Dichlorobenzene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:40	JRW	
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3	03/09/12 13:40	JRW	
1,1-Dichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:40	JRW	
1,2-Dichloroethane	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 13:40	JRW	
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:40	JRW	
cis-1,2-Dichloroethene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/09/12 13:40	JRW	
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:40	JRW	
1,2-Dichloropropane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:40	JRW	
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:40	JRW	
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 13:40	JRW	
Ethylbenzene	ug/L	0.08 U	EPA 8260	0.8	0.08	03/09/12 13:40	JRW	
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1	03/09/12 13:40	JRW	
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:40	JRW	
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:40	JRW	
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6	03/09/12 13:40	JRW	
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05	03/09/12 13:40	JRW	
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:40	JRW	
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:40	JRW	
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 13:40	JRW	

SOUTHERN ANALYTICAL LABORATORIES, INC.

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



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

March 15, 2012

Work Order: 1202549

Laboratory Report

Project Name	PASCO COUNTY RESOURCE RECOVERY								
Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By	
Sample Description		4MW-7 2340							
Matrix		Groundwater							
SAL Sample Number		1202549-05							
Date/Time Collected		03/06/12 15:08							
Collected by		Wilfred Martfeld							
Date/Time Received		03/07/12 14:25							
Toluene	ug/L	0.09 U	EPA 8260	0.8	0.09	03/09/12 13:40	JRW		
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:40	JRW		
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:40	JRW		
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:40	JRW		
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:40	JRW		
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4	03/09/12 13:40	JRW		
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4	03/09/12 13:40	JRW		
Vinyl chloride	ug/L	0.3 U	EPA 8260	1.6	0.3	03/09/12 13:40	JRW		
Xylene-m,p	ug/L	0.2 U	EPA 8260	1.6	0.2	03/09/12 13:40	JRW		
Xylene-o	ug/L	0.2 U	EPA 8260	0.8	0.2	03/09/12 13:40	JRW		
Xylenes- Total	ug/L	0.1 U	EPA 8260	0.8	0.1	03/09/12 13:40	JRW		
Pesticide Analyses									
1,2-Dibromo-3-chloropropane	ug/L	0.0055 U	EPA 8011	0.022	0.0055	03/09/12 13:49	03/10/12 06:20	BTJ	
1,2-Dibromoethane	ug/L	0.0055 U	EPA 8011	0.022	0.0055	03/09/12 13:49	03/10/12 06:20	BTJ	
Metals									
Antimony	mg/L	0.0013	EPA 6020	0.00050	0.000071	03/14/12 08:20	03/14/12 10:58	AWS	
Arsenic	mg/L	0.00093	EPA 6020	0.0050	0.00093	03/09/12 08:47	03/12/12 17:25	AWS	
Barium	mg/L	0.0082	EPA 6020	0.00050	0.00018	03/09/12 08:47	03/12/12 17:25	AWS	
Beryllium	mg/L	0.000096	EPA 6010	0.0010	0.000096	03/09/12 09:12	03/13/12 14:09	VWC	
Cadmium	mg/L	0.00027	EPA 6020	0.00050	0.00027	03/09/12 08:47	03/12/12 17:25	AWS	
Chromium	mg/L	0.0015	I	EPA 6020	0.0050	0.00035	03/09/12 08:47	03/12/12 17:25	AWS
Cobalt	mg/L	0.010	U	EPA 6010	0.10	0.010	03/09/12 09:12	03/13/12 14:09	VWC
Copper	mg/L	0.00025	I	EPA 6020	0.00050	0.00013	03/09/12 08:47	03/12/12 17:25	AWS
Lead	mg/L	0.00025	U	EPA 6020	0.00050	0.00025	03/09/12 08:47	03/12/12 17:25	AWS
Nickel	mg/L	0.0025	I	EPA 6020	0.0050	0.00046	03/09/12 08:47	03/12/12 17:25	AWS
Selenium	mg/L	0.00093	U	EPA 6020	0.0050	0.00093	03/14/12 08:20	03/14/12 10:58	AWS
Silver	mg/L	0.0011	U	EPA 6010	0.020	0.0011	03/09/12 09:12	03/13/12 14:09	VWC
Thallium	mg/L	0.00024	U	EPA 6020	0.00050	0.00024	03/09/12 08:47	03/12/12 17:25	AWS
Vanadium	mg/L	0.0078	U	EPA 6010	0.010	0.0078	03/09/12 09:12	03/13/12 14:09	VWC
Zinc	mg/L	0.00088	U	EPA 6020	0.0050	0.00088	03/09/12 08:47	03/12/12 17:25	AWS

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

March 15, 2012

Work Order: 1202549

*** 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 Client Services at 813-855-1844.



SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLMSTED, FL 34677 813-855-1944 fax 813-855-2211

 SAL Project No. **1202549**

Client Name	Pasco County Environmental Lab										Contact / Phone:	Candy Mulhem		
Project Name / Location	Analyses for Full Appendix I List													
Samplers: (Signature)														
Matrix Codes:														
SAL Use Only Sample No.	Sample Description	Date	Time	Matrix	Parameter / Container Description	No. of Containers (Total per each location)								
01	4MW9 @ Res. Rec.	3/6/12	1009	GW	40 mL Vials, Na ₂ SO ₃ (DBCP, EDB only)	7								
02	4MW22 @ Res. Rec.	3/6/12	1130	GW	40 mL Vials, Na ₂ SO ₃ (DBCP, EDB only)	7								
07	Trip Blank			R	Grab Composite	1								
03	4MW21 @ Res. Rec.	3/6/12	1256	GW	X	1								
08	Trip Blank			R	Grab Composite	1								
04	4MW8 @ Res Rec.	3/6/12	1346	GW	X	1								
09	Trip Blank			R	Grab Composite	1								
05	4MW7 @ Res Rec.	3/6/12	1508	GW	X	1								
10	Trip Blank			R	Grab Composite	1								
Containers Prepared: Relinquished:	15	Date/Time:	Received:	Seal intact?	Y N	Instructions / Remarks NOTE: Please review permit requirements when scheduling analyses to determine the MDL's needed for project.								
Relinquished:	1-2-12 10:00	3/6/12	Received:	Samples intact upon arrival?	Y N	N/A								
Relinquished:	1530	Date/Time:	Received:	Received on ice? Temp _____	Y N	N/A								
Relinquished:	3/6/12	3/6/12	Received:	Proper preservatives indicated? Rec'd within holding time?	Y N	N/A								
Relinquished:	3/7/12	Date/Time:	Received:	Rec'd within holding time?	Y N	N/A								
Relinquished:	3/7/12	3/7/12	Received:	Volatile rec'd w/out headspace? Proper containers used?	Y N	N/A								
Relinquished:	030712	Date/Time:	Received:	Date/Time:	Y N	N/A								



PASCO COUNTY ENVIRONMENTAL LAB

FIELD PARAMETER DATA SHEET FOR LEACHATE SAMPLING

PROJECT/SURVEY				SAMPLER(S)								METER #		
RESOURCE RECOVERY				WILFRED MARTFELD								3		
TANK NUMBER	STATION DESCRIPTION	PARAMETER	DATE	TIME	TANK DEPTH	SAMPLE DEPTH	PH	TEMP.	COND.	D.O.	TURB	COLOR	SHEENS	
		UNIT	DD-MM	24hr	FEET	FEET	STD. UNITS	CELSIUS	us/cm	MG/L	NTU	(OBS.)	(OBS.)	
SW-1 PRIM.	LEACHATE TANKS	14-Mar	1030	N/A	1	7.79	23.93	6520	1.6	19.0	ORANGE	NONE		
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION		INTENDED ANALYSIS and/or METHOD				BOTTLE		EQUIP. CODE:		
SAMPLE ID CODE:	# CONTAINERS	MATERIAL CODE	VOLUME (ML)	PRESERVATIVE USED						ml ADDED	FINAL PH		DATE	SERIES
SW-1 PRIM.	1	PE	250	NONE		NONE	N/A	BICARB,CL,TDS,COLOR.				3/12/12	01	PP
SW-1 PRIM.	1	PE	250	H ₂ SO ₄		1	<2	NH ₃ ,NO ₃				3/12/12	01	PP
SW-1 PRIM.	1	PE	125	HNO ₃		10DROPS	<2	FE,HG.NA				3/13/12	05	PP
SW-1 PRIM.	1	PE	250	HNO ₃		N/A	<2	APP.II (ICP METALS)				N/A	N/A	PP
SW-1 PRIM.	1	PE	250	NaOH		N/A	>12	CYANIDE				N/A	N/A	PP
SW-1 PRIM.	1	AG	250	H ₂ SO ₄		N/A	<2	TR PHENOLS				N/A	N/A	PP
SW-1 PRIM.	1	PE	1000	Zn acetate/NaOH		N/A		Sulfide				N/A	N/A	PP
SW-1 PRIM.	3	CG	40	HCL		N/A	<2	8260 w/ 601-602				N/A	N/A	PP
SW-1 PRIM.	3	CG	40	NONE		N/A	N/A	8011				N/A	N/A	PP
SW-1 PRIM.	11	AG	1000	NONE		N/A	N/A	ext. organics				N/A	N/A	PP
SW-1 PRIM.	1	CG	40	HCL		N/A	<2	TRIP BLANK				N/A	N/A	O

REMARKS: APP. I&II PREPARED BY SAL LABORATORY.

MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER

SAMPLING/PURGING APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); EQUIPMENT CODES: VT=Vacuum Trap; O=Other(Specify)

NOTE: This sheet is used for recording Sample Data - Calibration information must also be documented (see FT 1100, sec. 4)

SW1-PRI LEACHATE Q1 2012

5/14/2012



PASCO COUNTY ENVIRONMENTAL LAB
FIELD PARAMETER DATA SHEET FOR LEACHATE SAMPLING

PROJECT/SURVEY				SAMPLER(S)								
RESOURCE RECOVERY				WILFRED MARTFELD								
TANK NUMBER	STATION DESCRIPTION	PARAMETER	DATE	TIME	TANK DEPTH	SAMPLE DEPTH	PH	TEMP.	COND.	D.O.	TURB	COLOR
		UNIT	DAY-MONTH	24hr	FEET	FEET	STD. UNITS	Celsius	us/cm	Mg/L	NTU	(OBS.)
SW-1 SEC.	LEACHATE TANKS	89	03/14/12	1130	N/A	0.5	7.58	23.10	2650	0.97	68.0	AMBER
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION		INTENDED ANALYSIS and/or METHOD				BOTTLE		
SAMPLE ID CODE:	# CONTAINERS	MATERIAL CODE	VOLUME (ML)	PRESERVATIVE USED	ml ADDED					FINAL PH	DATE	SERIES
SW-1 SEC.	1	PE	250	NONE	NONE	N/A	BICARB,CL,TDS,COLOR.		3/12/12	01		
SW-1 SEC.	1	PE	250	H ₂ SO ₄	1	<2	NH ₃ ,NO ₃		3/12/12	01		
SW-1 SEC.	1	PE	125	HNO ₃	10DROPS	<2	FE,HG.NA		3/13/12	05		
SW-1 SEC.	1	PE	250	HNO ₃	N/A	<2	APP.II (ICP METALS)		N/A	N/A		
SW-1 SEC.	1	PE	250	NaOH	N/A	>12	CYANIDE		N/A	N/A		
SW-1 SEC.	1	AG	250	H ₂ SO ₄	N/A	<2	TR PHENOLS		N/A	N/A		
SW-1 SEC.	1	PE	1000	Zn acetate/NaOH	N/A		Sulfide		N/A	N/A		
SW-1 SEC.	3	CG	40	HCL	N/A	<2	8260 w/ 601-602		N/A	N/A		
SW-1 SEC.	3	CG	40	NONE	N/A	N/A	8011		N/A	N/A		
SW-1 SEC.	11	AG	1000	NONE	N/A	N/A	ext. organics		N/A	N/A		
SW-1 SEC.	1	CG	250	HCL	N/A	<2	TRIP BLANK		N/A	N/A		

REMARKS: APP. I&II PREPARED BY PACE LABORATORY.

MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER

SAMPLING/PURGING APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Equipment Codes: Trap; O=Other(Specify))

NOTE: This sheet is used for recording Sample Data - Calibration information must also be documented (see FT 1100, sec. 4)

METER #
3
SHEENS
(OBS.)
NONE
EQUIP. CODE:
PP
O
y Drain); VT=Vacuum



PASCO COUNTY ENVIRONMENTAL LAB
FIELD PARAMETER DATA SHEET FOR LEACHATE SAMPLING

PROJECT/SURVEY				SAMPLER(S)								METER #		
WEST PASCO CLASS III LANDFILL				Wilfred Martfeld								3		
TANK NUMBER	STATION DESCRIPTION	PARAMETER	DATE	TIME	TANK DEPTH	SAMPLE DEPTH	PH	TEMP.	COND.	D.O.	TURB	COLOR	SHEENS	
		UNIT	DAY-MONTH	24hr	FEET	FEET	STD. UNITS	CELSIUS	µs/cm	MG/L	NTU	(OBS.)	(OBS.)	
TANK-1	LEACHATE TANK	03/14/12	1530	UNK	1.0	7.15	24.42	3530	0.12	202.00	GREY	NONE		
REMARKS: APP. I&II SAMPLED.				# CONTAINERS	MATERIAL CODE	VOLUME (ML)	PRESERVATIVE USED	ml ADDED	FINAL PH	INTENDED ANALYSIS and/or METHOD		BOTTLE	DATE	SERIES
				1	PE	250	NONE	NONE	N/A	CL,TDS,BiCarb,colo		3/12/12	01	
				1	PE	250	H ₂ SO ₄	1	<2	NH ₃ -NO ₃		3/12/12	01	
				1	PE	500	HNO ₃	2	<2	METALS		3/13/12	05	

NOTE: This sheet is used for recording Sample Data - Calibration information must also be documented (see FT 1100, sec. 4)



PASCO COUNTY ENVIRONMENTAL LAB FIELD PARAMETER DATA SHEET FOR LEACHATE SAMPLING

PROJECT/SURVEY				SAMPLER(S)								METER #		
WEST PASCO CLASS III LANDFILL				Wilfred Martfeld								3		
TANK NUMBER	STATION DESCRIPTION	PARAMETER	DATE	TIME	TANK DEPTH	SAMPLE DEPTH	PH	TEMP.	COND.	D.O.	TURB	COLOR	SHEENS	
		UNIT	DAY-MONTH	24hr	FEET	FEET	STD. UNITS	CELSIUS	µs/cm	(mg/L)	NTU	(OBS.)	(OBS.)	
TANK-2	LEACHATE TANK	03/14/12	1430	UNK	1.0	7.06	23.47	522	1.50	79.20	AMBER	NONE		
REMARKS: APP. I&II SAMPLED.				# CONTAINERS	MATERIAL CODE	VOLUME (ML)	PRESERVATIVE USED	ml ADDED	FINAL PH	INTENDED ANALYSIS and/or METHOD		BOTTLE	DATE	SERIES
				1	PE	250	NONE	NONE	N/A	CL,TDS,BiCarb, colo		3/1/12	02	
				1	PE	250	H ₂ SO ₄	1	<2	NH ₃ -NO ₃		2/17/12	02	
				1	PE	500	HNO ₃	2	<2	METALS		1/30/12	02	

NOTE: This sheet is used for recording Sample Data - Calibration information must also be documented (see FT 1100, sec. 4)