

BOARD OF COUNTY COMMISSIONERS

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Mr. Philip Barbaccia
Florida Department of Environmental Protection, South District
P.O. Box 2549
Fort Myers, Florida 33902-2549

Re: Lee County Resource Recovery Facility, PA 90-30
First Quarter 2005 Ground Water Monitoring Resample Results
Second Quarter 2005 Ground Water Monitoring Results

Dear Mr. Barbaccia:

Enclosed please find the laboratory results for the first quarter 2005 resampling event for ground water monitoring wells MW-1S, MW-2S, and MW-4S. The first quarter 2005 ground water monitoring results, which were submitted to the Department under cover letter dated April 7, 2005, indicated the presence of low levels of Toluene although these levels were well below the Florida Primary Drinking Water Standard (FPDWS). The laboratory had failed to collect and analyze an equipment blank for this event, therefore, we were unable to determine whether the toluene detected was due to laboratory or equipment contamination or was actually present in the groundwater.

These wells were resampled on April 15, 2005 and the results indicated the presence of low levels of Toluene, Benzene and Methyl t-butyl ether (MTBE) in these wells, although the levels were well below the FPDWS. However, during this sampling event an equipment blank was collected and the laboratory results indicate the presence of low levels of the exact same parameters in the equipment blank sample. This confirms that the presence of these contaminants was due to equipment or laboratory contamination and that these parameters are not present in the groundwater. Therefore, the deep wells will not be sampled and analyzed for volatile organic compounds, which would be required as outlined in the approved ground water monitoring plan if volatile organic compounds were detected in the shallow ground water wells.

Also enclosed are the laboratory results for the ground water samples collected from wells MW-1S, MW-1D, MW-3S, MW-3D, MW-5S, MW-5D, MW-6S, and MW-6D on April 27, 2005. The ground water was analyzed in accordance with the approved ground water monitoring plan. Ground water from all shallow wells sampled exceeded the Florida

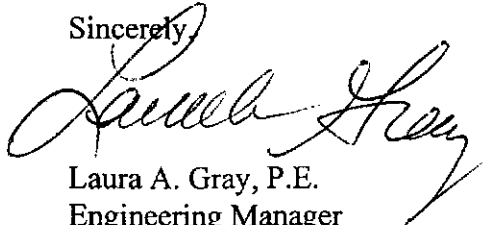
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JUN 30 2005
D.F.P. - South Distric

Mr. Philip Barbaccia
June 29, 2005
Page 2 of 2

Secondary Drinking Water Standard (FSDWS) for Iron established in Rule 62-550, F.A.C. Ground water from wells MW-3D, MW-5S and MW-6S exceeded the FSDWS for total dissolved solids (TDS). The measured levels of iron and TDS are consistent with the levels found historically in the shallow aquifer. Ground water from well MW-3D also exceeded the FSDWS for chloride. Our previous investigation into the ground water quality at MW-3D which we shared with the Department, indicates that the levels of TDS and Chloride at well MW-3D are likely due to a flowing deep well that was previously located in the vicinity of MW-3D but has since been plugged.

Please call me if you have any questions or comments regarding this report.

Sincerely,



Laura A. Gray, P.E.
Engineering Manager
Solid Waste Division

Enclosure

Cc: Mr. Lindsey Sampson, P.E., LCSW
Mr. Jody Howard, Covanta
File II E107

Laboratory Results

Lee County Environmental Laboratory

60-2 Danley Drive
Fort Myers, FL 33907
239-278-7070



RECEIVED

JUN 30 2005

D.E.P. - South District

To: Laura Gray
Lee County Solid Waste

Report Date: 5/10/2005

RESAMPLE VOCs
1S, 2S & 4S - DUE 70

Below are the results of samples submitted to this laboratory on: 4/15/2005

Laboratory ID	AB72318	Collection date and time	4/15/2005 9:16 AM
Location Code	WTE-1S	Sample Collector	MAGGIE NEWTON
Sample Description	Waste to Energy M.W. # 1-S		

Analysis Code	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
\$RVOC	1,1,1-Trichloroethane	0.12	U,STL	µg/L	0.12	4/28/2005	8:16 AM	EPA 524.2
\$RVOC	1,1,2-Trichloroethane	0.082	U,STL	µg/L	0.082	4/28/2005	8:16 AM	EPA 524.2
\$RVOC	1,1-Dichloroethene	0.11	U,STL	µg/L	0.11	4/28/2005	8:16 AM	EPA 524.2
\$RVOC	1,2,4-Trichlorobenzene	0.25	U,STL	µg/L	0.25	4/28/2005	8:16 AM	EPA 524.2
\$RVOC	1,2-Dichlorobenzene	0.28	U,STL	µg/L	0.28	4/28/2005	8:16 AM	EPA 524.2
\$RVOC	1,2-Dichloroethane	0.10	U,STL	µg/L	0.10	4/28/2005	8:16 AM	EPA 524.2
\$RVOC	1,2-Dichloropropane	0.064	U,STL	µg/L	0.064	4/28/2005	8:16 AM	EPA 524.2
\$RVOC	1,4-Dichlorobenzene	0.26	U,STL	µg/L	0.26	4/28/2005	8:16 AM	EPA 524.2
\$RVOC	Benzene	0.14	I,STL	µg/L	0.063	4/28/2005	8:16 AM	EPA 524.2
\$RVOC	Carbon tetrachloride	0.12	U,STL	µg/L	0.12	4/28/2005	8:16 AM	EPA 524.2
\$RVOC	Chlorobenzene	0.11	U,STL	µg/L	0.11	4/28/2005	8:16 AM	EPA 524.2
\$RVOC	cis-1,2-Dichloroethene	0.081	U,STL	µg/L	0.081	4/28/2005	8:16 AM	EPA 524.2
\$RVOC	Ethylbenzene	0.082	U,STL	µg/L	0.082	4/28/2005	8:16 AM	EPA 524.2
\$RVOC	Methyl t-butyl ether (MTBE)	0.082	I,STL	µg/L	0.065	4/28/2005	8:16 AM	EPA 524.2
\$RVOC	Methylene Chloride (Dichloromethane)	0.34	U,STL	µg/L	0.34	4/28/2005	8:16 AM	EPA 524.2
\$RVOC	Styrene	0.12	U,STL	µg/L	0.12	4/28/2005	8:16 AM	EPA 524.2
\$RVOC	Tetrachloroethene	0.15	U,STL	µg/L	0.15	4/28/2005	8:16 AM	EPA 524.2
\$RVOC	Toluene	0.21	I,STL	µg/L	0.095	4/28/2005	8:16 AM	EPA 524.2
\$RVOC	Total Xylenes	0.20	U,STL	µg/L	0.20	4/28/2005	8:16 AM	EPA 524.2
\$RVOC	trans-1,2-Dichloroethene	0.070	U,STL	µg/L	0.070	4/28/2005	8:16 AM	EPA 524.2
\$RVOC	Trichloroethene	0.085	U,STL	µg/L	0.085	4/28/2005	8:16 AM	EPA 524.2
\$RVOC	Vinyl Chloride	0.12	U,STL	µg/L	0.12	4/28/2005	8:16 AM	EPA 524.2
SAMPLE	Sample Collection	Completed				4/15/2005	9:16 AM	FDEP-SOP-001/01

Laboratory ID	AB72319	Collection date and time	4/15/2005 10:16 AM
Location Code	WTE-2S	Sample Collector	MAGGIE NEWTON
Sample Description	Waste to Energy M.W. # 2-S		

Analysis Code	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
\$RVOG	1,1,1-Trichloroethane	0.12	U,STL	µg/L	0.12	4/28/2005	8:43 AM	EPA 524.2
\$RVOG	1,1,2-Trichloroethane	0.082	U,STL	µg/L	0.082	4/28/2005	8:43 AM	EPA 524.2
\$RVOG	1,1-Dichloroethene	0.11	U,STL	µg/L	0.11	4/28/2005	8:43 AM	EPA 524.2
\$RVOG	1,2,4-Trichlorobenzene	0.25	U,STL	µg/L	0.25	4/28/2005	8:43 AM	EPA 524.2
\$RVOG	1,2-Dichlorobenzene	0.28	U,STL	µg/L	0.28	4/28/2005	8:43 AM	EPA 524.2
\$RVOG	1,2-Dichloroethane	0.10	U,STL	µg/L	0.10	4/28/2005	8:43 AM	EPA 524.2
\$RVOG	1,2-Dichloropropane	0.064	U,STL	µg/L	0.064	4/28/2005	8:43 AM	EPA 524.2
\$RVOG	1,4-Dichlorobenzene	0.26	U,STL	µg/L	0.26	4/28/2005	8:43 AM	EPA 524.2
\$RVOG	Benzene	0.095	I,STL	µg/L	0.063	4/28/2005	8:43 AM	EPA 524.2
\$RVOG	Carbon tetrachloride	0.12	U,STL	µg/L	0.12	4/28/2005	8:43 AM	EPA 524.2
\$RVOG	Chlorobenzene	0.11	U,STL	µg/L	0.11	4/28/2005	8:43 AM	EPA 524.2
\$RVOG	cis-1,2-Dichloroethene	0.081	U,STL	µg/L	0.081	4/28/2005	8:43 AM	EPA 524.2
\$RVOG	Ethylbenzene	0.082	U,STL	µg/L	0.082	4/28/2005	8:43 AM	EPA 524.2
\$RVOG	Methyl t-butyl ether (MTBE)	0.081	I,STL	µg/L	0.065	4/28/2005	8:43 AM	EPA 524.2
\$RVOG	Methylene Chloride (Dichloromethane)	0.34	U,STL	µg/L	0.34	4/28/2005	8:43 AM	EPA 524.2
\$RVOG	Styrene	0.12	U,STL	µg/L	0.12	4/28/2005	8:43 AM	EPA 524.2
\$RVOG	Tetrachloroethene	0.15	U,STL	µg/L	0.15	4/28/2005	8:43 AM	EPA 524.2
\$RVOG	Toluene	0.15	I,STL	µg/L	0.095	4/28/2005	8:43 AM	EPA 524.2
\$RVOG	Total Xylenes	0.20	U,STL	µg/L	0.20	4/28/2005	8:43 AM	EPA 524.2
\$RVOG	trans-1,2-Dichloroethene	0.070	U,STL	µg/L	0.070	4/28/2005	8:43 AM	EPA 524.2
\$RVOG	Trichloroethene	0.085	U,STL	µg/L	0.085	4/28/2005	8:43 AM	EPA 524.2
\$RVOG	Vinyl Chloride	0.12	U,STL	µg/L	0.12	4/28/2005	8:43 AM	EPA 524.2
SAMPLE	Sample Collection	Completed				4/15/2005	10:16 AM	FDEP-SOP-001/01

Laboratory ID	AB72320	Collection date and time	4/15/2005 11:18 AM
Location Code	WTE-4S	Sample Collector	JOHN REEKIE
Sample Description	Waste to Energy M.W. # 4-S		

Analysis Code	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
\$RVOG	1,1,1-Trichloroethane	0.12	U,STL	µg/L	0.12	4/28/2005	9:17 AM	EPA 524.2
\$RVOG	1,1,2-Trichloroethane	0.082	U,STL	µg/L	0.082	4/28/2005	9:17 AM	EPA 524.2
\$RVOG	1,1-Dichloroethene	0.11	U,STL	µg/L	0.11	4/28/2005	9:17 AM	EPA 524.2
\$RVOG	1,2,4-Trichlorobenzene	0.25	U,STL	µg/L	0.25	4/28/2005	9:17 AM	EPA 524.2
\$RVOG	1,2-Dichlorobenzene	0.28	U,STL	µg/L	0.28	4/28/2005	9:17 AM	EPA 524.2
\$RVOG	1,2-Dichloroethane	0.10	U,STL	µg/L	0.10	4/28/2005	9:17 AM	EPA 524.2
\$RVOG	1,2-Dichloropropane	0.064	U,STL	µg/L	0.064	4/28/2005	9:17 AM	EPA 524.2

Laboratory ID	AB72320	Collection date and time	4/15/2005 11:18 AM
Location Code	WTE-4S	Sample Collector	JOHN REEKIE
Sample Description	Waste to Energy M.W. # 4-S		

Analysis Code	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
\$RVOC	1,4-Dichlorobenzene	0.26	U,STL	µg/L	0.26	4/28/2005	9:17 AM	EPA 524.2
\$RVOC	Benzene	0.13	I,STL	µg/L	0.063	4/28/2005	9:17 AM	EPA 524.2
\$RVOC	Carbon tetrachloride	0.12	U,STL	µg/L	0.12	4/28/2005	9:17 AM	EPA 524.2
\$RVOC	Chlorobenzene	0.11	U,STL	µg/L	0.11	4/28/2005	9:17 AM	EPA 524.2
\$RVOC	cis-1,2-Dichloroethene	0.081	U,STL	µg/L	0.081	4/28/2005	9:17 AM	EPA 524.2
\$RVOC	Ethylbenzene	0.082	U,STL	µg/L	0.082	4/28/2005	9:17 AM	EPA 524.2
\$RVOC	Methyl t-butyl ether (MTBE)	0.065	U,STL	µg/L	0.065	4/28/2005	9:17 AM	EPA 524.2
\$RVOC	Methylene Chloride (Dichloromethane)	0.34	U,STL	µg/L	0.34	4/28/2005	9:17 AM	EPA 524.2
\$RVOC	Styrene	0.12	U,STL	µg/L	0.12	4/28/2005	9:17 AM	EPA 524.2
\$RVOC	Tetrachloroethene	0.15	U,STL	µg/L	0.15	4/28/2005	9:17 AM	EPA 524.2
\$RVOC	Toluene	0.17	I,STL	µg/L	0.095	4/28/2005	9:17 AM	EPA 524.2
\$RVOC	Total Xylenes	0.20	U,STL	µg/L	0.20	4/28/2005	9:17 AM	EPA 524.2
\$RVOC	trans-1,2-Dichloroethene	0.070	U,STL	µg/L	0.070	4/28/2005	9:17 AM	EPA 524.2
\$RVOC	Trichloroethene	0.085	U,STL	µg/L	0.085	4/28/2005	9:17 AM	EPA 524.2
\$RVOC	Vinyl Chloride	0.12	U,STL	µg/L	0.12	4/28/2005	9:17 AM	EPA 524.2
SAMPLE	Sample Collection	Completed				4/15/2005	11:18 AM	FDEP-SOP-001/01

Laboratory ID	AB72321	Collection date and time	4/15/2005 10:18 AM
Location Code	WTE-EQB	Sample Collector	JOHN REEKIE
Sample Description	Waste / Energy Equipment Blank		

Analysis Code	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
\$RVOC	1,1,1-Trichloroethane	0.12	U,STL	µg/L	0.12	4/28/2005	9:53 AM	EPA 524.2
\$RVOC	1,1,2-Trichloroethane	0.082	U,STL	µg/L	0.082	4/28/2005	9:53 AM	EPA 524.2
\$RVOC	1,1-Dichloroethene	0.11	U,STL	µg/L	0.11	4/28/2005	9:53 AM	EPA 524.2
\$RVOC	1,2,4-Trichlorobenzene	0.25	U,STL	µg/L	0.25	4/28/2005	9:53 AM	EPA 524.2
\$RVOC	1,2-Dichlorobenzene	0.28	U,STL	µg/L	0.28	4/28/2005	9:53 AM	EPA 524.2
\$RVOC	1,2-Dichloroethane	0.10	U,STL	µg/L	0.10	4/28/2005	9:53 AM	EPA 524.2
\$RVOC	1,2-Dichloropropane	0.064	U,STL	µg/L	0.064	4/28/2005	9:53 AM	EPA 524.2
\$RVOC	1,4-Dichlorobenzene	0.26	U,STL	µg/L	0.26	4/28/2005	9:53 AM	EPA 524.2
\$RVOC	Benzene	0.11	I,STL	µg/L	0.063	4/28/2005	9:53 AM	EPA 524.2
\$RVOC	Carbon tetrachloride	0.12	U,STL	µg/L	0.12	4/28/2005	9:53 AM	EPA 524.2
\$RVOC	Chlorobenzene	0.11	U,STL	µg/L	0.11	4/28/2005	9:53 AM	EPA 524.2
\$RVOC	cis-1,2-Dichloroethene	0.081	U,STL	µg/L	0.081	4/28/2005	9:53 AM	EPA 524.2
\$RVOC	Ethylbenzene	0.082	U,STL	µg/L	0.082	4/28/2005	9:53 AM	EPA 524.2
\$RVOC	Methyl t-butyl ether (MTBE)	0.085	I,STL	µg/L	0.065	4/28/2005	9:53 AM	EPA 524.2

Laboratory ID	AB72321	Collection date and time	4/15/2005 10:18 AM
Location Code	WTE-EQB	Sample Collector	JOHN REEKIE
Sample Description	Waste / Energy Equipment Blank		

Analysis Code	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
\$RVOC	Methylene Chloride (Dichloromethane)	0.34	U,STL	µg/L	0.34	4/28/2005	9:53 AM	EPA 524.2
\$RVOC	Styrene	0.12	U,STL	µg/L	0.12	4/28/2005	9:53 AM	EPA 524.2
\$RVOC	Tetrachloroethene	0.15	U,STL	µg/L	0.15	4/28/2005	9:53 AM	EPA 524.2
\$RVOC	Toluene	0.098	I,STL	µg/L	0.095	4/28/2005	9:53 AM	EPA 524.2
\$RVOC	Total Xylenes	0.20	U,STL	µg/L	0.20	4/28/2005	9:53 AM	EPA 524.2
\$RVOC	trans-1,2-Dichloroethene	0.070	U,STL	µg/L	0.070	4/28/2005	9:53 AM	EPA 524.2
\$RVOC	Trichloroethene	0.085	U,STL	µg/L	0.085	4/28/2005	9:53 AM	EPA 524.2
\$RVOC	Vinyl Chloride	0.12	U,STL	µg/L	0.12	4/28/2005	9:53 AM	EPA 524.2
SAMPLE	Sample Collection	Completed				4/15/2005	10:18 AM	FDEP-SQP-001/01

Unless noted otherwise, these test results meet all the requirements of the 2002 NELAC Standards. All questions regarding this report should be directed to Keith A. Kibbey, Laboratory Manager.



Keith A. Kibbey
Laboratory Manager

--- Laboratory & Data Qualifiers

- I Data deviate from historically established concentration ranges.
- * Not reported due to interference.
- ? Data rejected and should not be used. Some or all the quality control data for the analyte were outside criteria, and presence or absence cannot be determined.
- A Value reported is the arithmetic mean of two or more determinations.
- B Results based upon colony counts outside the acceptable range.
- BC Analysis performed by client not a NELAC certified laboratory.
- D Measurement made in the Field.
- DOHJ Analysis performed by Florida Department of Health, Jacksonville, Lab Accession # IRC 180-2002
- E Extra samples were taken at composite stations.
- EHL Analysis performed by Environmental Health Laboratories DOH # E87775
- ELAB Analysis performed by ELAB, Inc. of Ormond Beach, FL, DOH # E83079
- EMSL Analysis performed by EMSL Analytical, Inc., Miami Beach, FL - DOH # E86795
- H Value based on field kit determination; result may not be accurate.
- I The value is equal to or between the laboratory method detection limit and the laboratory practical quantification limit.
- J Estimated value; value may not be accurate.
- J1 Surrogate recovery limits have been exceeded.
- J2 No known quality control criteria exist for the component.
- J3 The reported value failed to meet the established quality control criteria for either precision or accuracy.
- J4 The sample matrix interfered with the ability to make any accurate determination.
- J5 The data are questionable because of improper laboratory or field protocols.
- J6 The field calibration verification did not meet calibration acceptance criteria.
- J98 Correlation coefficient of calibration curve < 0.995.
- J99 Seeded BOD samples did not exhibit dissolved oxygen drop of at least 2 mg/L.
- K Off scale low. Actual value is known to be less than value given.
- K1 The value is less than the lowest calibration standard and the calibration curve is known to be non-linear.
- K2 The value is known to be less than the reported value based on sample size, dilution or some other variable.
- KNL Analysis performed by KNL Laboratory Services DOH # E84025
- L Off scale high. Actual value is known to be greater than value given.
- M Presence of material verified, but not quantified; actual value is less than the value given.
- N Presumptive evidence of presence of material.
- O Sampled, but analysis not performed.
- P Although 2 dissimilar GC columns confirmed the presence of the target analyte, relative % difference is >40%.
- Q Sample held beyond the accepted holding time.
- R Significant rain in the last 48 hours.
- STL Analysis performed by Severn Trent Laboratories, Tampa DOH # E84282
- STLNC Analysis performed by Severn Trent Laboratories, North Canton, OH
- STLP Analysis performed by Severn Trent Laboratories, Pensacola, FL, DOH # E81010
- STLR Analysis performed by Severn Trent Laboratories, Richland, WA, DOH # E87177
- STLS Analysis performed by Severn Trent Laboratories, Sacramento, CA - DOH # E87570
- T Value reported is less than the laboratory method detection limit.
- U Indicates that the compound was analyzed for but not detected.
- V Indicates that the analyte was detected in both the sample and the associated method blank.
- V1 Indicates that the analyte was detected in both the sample and associated field blank at a level of <5X the blank value.
- Y The laboratory analysis was from an improperly preserved sample. The data may not be accurate.
- Z Too many colonies were present (TNTC); the numeric value represents the filtration volume.

Laboratory Results

Lee County Environmental Laboratory

60-2 Danley Drive
Fort Myers, FL 33907
239-278-7070



To: Laura Gray
Lee County Solid Waste

Report Date: 6/2/2005

ROUTINE 2nd QTR 2005

Below are the results of samples submitted to this laboratory on: 4/27/2005

Laboratory ID	AB72685	Collection date and time	4/27/2005 12:11 PM
Location Code	WTE-1D	Sample Collector	JAMES PEET
Sample Description	Waste to Energy M.W. # 1-D		

Analysis Code	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
ASUGL	Arsenic, AA furnace technique	2.2	I	µg/L	1.0	5/17/2005	10:30 AM	SM19 3113 B
CL	Chloride titrimetric Argentometric	99		mg/L	1.2	5/3/2005	7:15 AM	SM19 4500-CI-B
CONDF	Specific Conductance, 25oC, Field	915		µmhos/cm	1	4/27/2005	12:11 PM	EPA 120.1
ELEV	Elevation, Water Table	11.73		Feet NGVD		4/27/2005	12:11 PM	FDEP-SOP-001/01
FE	Iron by flame AA	0.04	U	mg/L	0.04	5/4/2005	12:33 PM	SM3111B
HG	Mercury, AA cold vapor technique	0.2	U	µg/L	0.2	5/10/2005	2:14 PM	EPA 245.1
MN	Manganese by flame AA	0.01	U	mg/L	0.01	5/9/2005	9:40 AM	SM19 3111 B
NH3	Ammonia, Automated Phenate	0.326		mg/L as N	0.013	4/30/2005	10:20 AM	EPA 350.1
PHF	pH, Field (electrometric)	6.92		units		4/27/2005	12:11 PM	EPA 150.1
SAMPLEG	Sample Collection Ground Water	Completed				4/27/2005	12:11 PM	FDEP-SOP-001/01
SEUGL	Selenium, AA furnace technique	2.0	U	µg/L	2.0	5/3/2005	9:02 AM	SM19 3113 B
SO4_IC	Sulfate	52.9		mg/L	0.2	5/13/2005	1:44 PM	EPA 300.0
TDS	Total Dissolved Solids/filterable	506		mg/L	5.0	5/2/2005	11:00 AM	SM19 2540 C
TKN	Nitrogen, Kjeldahl, Total	0.49		mg/L as N	0.1	5/23/2005	8:00 AM	EPA 351.2
TOC	Total Organic Carbon	5.1	ELAB	mg/L	0.080	5/3/2005	12:00 AM	EPA 415.1
ZN	Zinc by flame AA	0.004	U,V1	mg/L	0.004	5/4/2005	1:37 PM	SM19 3111 B

Laboratory ID	AB72686	Collection date and time	4/27/2005 12:18 PM
Location Code	WTE-1S	Sample Collector	JAMES PEET
Sample Description	Waste to Energy M.W. # 1-S		

Analysis Code	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
ASUGL	Arsenic, AA furnace technique	3.4	I	µg/L	1.0	5/17/2005	10:30 AM	SM19 3113 B
CL	Chloride titrimetric Argentometric	44		mg/L	1.2	5/3/2005	7:15 AM	SM19 4500-CI-B
CONDf	Specific Conductance, 25oC, Field	815		µmhos/cm	1	4/27/2005	12:18 PM	EPA 120.1
ELEV	Elevation, Water Table	19.30		Feet NGVD		4/27/2005	12:18 PM	FDEP-SOP-001/01
FE	Iron by flame AA	4.2		mg/L	0.04	5/4/2005	12:33 PM	SM3111B
HG	Mercury, AA cold vapor technique	0.2	U	µg/L	0.2	5/10/2005	2:14 PM	EPA 245.1
MN	Manganese by flame AA	0.01	U	mg/L	0.01	5/9/2005	9:40 AM	SM19 3111 B
NH3	Ammonia, Automated Phenate	0.213		mg/L as N	0.013	4/30/2005	10:20 AM	EPA 350.1
PHF	pH, Field (electrometric)	6.61		units		4/27/2005	12:18 PM	EPA 150.1
SAMPLEG	Sample Collection Ground Water	Completed				4/27/2005	12:18 PM	FDEP-SOP-001/01
SEUGL	Selenium, AA furnace technique	2.0	U	µg/L	2.0	5/3/2005	9:02 AM	SM19 3113 B
SO4_IC	Sulfate	47.3		mg/L	0.2	5/13/2005	1:44 PM	EPA 300.0
TDS	Total Dissolved Solids/filterable	482		mg/L	5.0	5/2/2005	11:00 AM	SM19 2540 C
TKN	Nitrogen, Kjeldahl, Total	0.63		mg/L as N	0.1	5/23/2005	8:00 AM	EPA 351.2
TOC	Total Organic Carbon	13	ELAB	mg/L	0.080	5/3/2005	12:00 AM	EPA 415.1
ZN	Zinc by flame AA	0.09		mg/L	0.004	5/4/2005	1:37 PM	SM19 3111 B

Laboratory ID	AB72687	Collection date and time	4/27/2005 10:48 AM
Location Code	WTE-3D	Sample Collector	JAMES PEET
Sample Description	Waste to Energy M.W. # 3-D		

Analysis Code	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
ASUGL	Arsenic, AA furnace technique	1.0	U	µg/L	1.0	5/17/2005	10:30 AM	SM19 3113 B
CL	Chloride titrimetric Argentometric	386		mg/L	1.2	5/3/2005	7:15 AM	SM19 4500-CI-B
CONDf	Specific Conductance, 25oC, Field	1916		µmhos/cm	1	4/27/2005	10:48 AM	EPA 120.1
ELEV	Elevation, Water Table	17.46		Feet NGVD		4/27/2005	10:48 AM	FDEP-SOP-001/01
FE	Iron by flame AA	0.04	U	mg/L	0.04	5/4/2005	12:33 PM	SM3111B
HG	Mercury, AA cold vapor technique	0.2	U	µg/L	0.2	5/10/2005	2:14 PM	EPA 245.1
MN	Manganese by flame AA	0.01	U	mg/L	0.01	5/9/2005	9:40 AM	SM19 3111 B
NH3	Ammonia, Automated Phenate	0.306		mg/L as N	0.013	4/30/2005	10:20 AM	EPA 350.1
PHF	pH, Field (electrometric)	6.95		units		4/27/2005	10:48 AM	EPA 150.1
SAMPLEG	Sample Collection Ground Water	Completed				4/27/2005	10:48 AM	FDEP-SOP-001/01
SEUGL	Selenium, AA furnace technique	2.0	U	µg/L	2.0	5/3/2005	9:02 AM	SM19 3113 B
SO4_IC	Sulfate	127		mg/L	0.2	5/13/2005	1:44 PM	EPA 300.0
TDS	Total Dissolved Solids/filterable	1090		mg/L	5.0	5/2/2005	11:00 AM	SM19 2540 C
TKN	Nitrogen, Kjeldahl, Total	0.52		mg/L as N	0.1	5/23/2005	8:00 AM	EPA 351.2

Laboratory ID	AB72687	Collection date and time	4/27/2005 10:48 AM
Location Code	WTE-3D	Sample Collector	JAMES PEET
Sample Description	Waste to Energy M.W. # 3-D		

Analysis Code	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
TOC	Total Organic Carbon	12	ELAB	mg/L	0.080	5/3/2005	12:00 AM	EPA 415.1
ZN	Zinc by flame AA	0.004	U,V1	mg/L	0.004	5/4/2005	1:37 PM	SM19 3111 B

Laboratory ID	AB72688	Collection date and time	4/27/2005 10:08 AM
Location Code	WTE-3S	Sample Collector	JAMES PEET
Sample Description	Waste to Energy M.W. # 3-S		

Analysis Code	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
Waiting for NGVD to be surveyed.								
ASUGL	Arsenic, AA furnace technique	1.0	U	µg/L	1.0	5/17/2005	10:30 AM	SM19 3113 B
CL	Chloride titrimetric Argentometric	23		mg/L	1.2	5/3/2005	7:15 AM	SM19 4500-CI-B
COND	Specific Conductance, 25oC, Field	647		µmhos/cm	1	4/27/2005	10:08 AM	EPA 120.1
ELEV	Elevation, Water Table	18.48		Feet NGVD		4/27/2005	10:08 AM	FDEP-SOP-001/01
FE	Iron by flame AA	0.8		mg/L	0.04	5/4/2005	12:33 PM	SM3111B
HG	Mercury, AA cold vapor technique	0.2	U	µg/L	0.2	5/10/2005	2:14 PM	EPA 245.1
MN	Manganese by flame AA	0.01	U	mg/L	0.01	5/9/2005	9:40 AM	SM19 3111 B
NH3	Ammonia, Automated Phenate	0.182		mg/L as N	0.013	4/30/2005	10:20 AM	EPA 350.1
PHF	pH, Field (electrometric)	6.68		units		4/27/2005	10:08 AM	EPA 150.1
SAMPLEG	Sample Collection Ground Water	Completed				4/27/2005	10:08 AM	FDEP-SOP-001/01
SEUGL	Selenium, AA furnace technique	2.0	U	µg/L	2.0	5/3/2005	9:02 AM	SM19 3113 B
SO4_IC	Sulfate	89.4		mg/L	0.2	5/13/2005	1:44 PM	EPA 300.0
TDS	Total Dissolved Solids/filterable	414		mg/L	5.0	5/2/2005	11:00 AM	SM19 2540 C
TKN	Nitrogen, Kjeldahl, Total	0.48		mg/L as N	0.1	5/23/2005	8:00 AM	EPA 351.2
TOC	Total Organic Carbon	5.5	ELAB	mg/L	0.080	5/3/2005	12:00 AM	EPA 415.1
ZN	Zinc by flame AA	0.004	U,V1	mg/L	0.004	5/4/2005	1:37 PM	SM19 3111 B

Laboratory ID	AB72689	Collection date and time	4/28/2005 9:33 AM
Location Code	WTE-5D	Sample Collector	JAMES PEET
Sample Description	Waste to Energy M.W. # 5-D		

Analysis Code	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
ASUGL	Arsenic, AA furnace technique	1.0	U	µg/L	1.0	5/17/2005	10:30 AM	SM19 3113 B
CL	Chloride titrimetric Argentometric	162		mg/L	1.2	5/3/2005	7:15 AM	SM19 4500-CI-B
COND	Specific Conductance, 25oC, Field	1088		µmhos/cm	1	4/28/2005	9:33 AM	EPA 120.1
ELEV	Elevation, Water Table	16.84		Feet NGVD		4/28/2005	9:33 AM	FDEP-SOP-001/01

Laboratory ID	AB72689	Collection date and time	4/28/2005 9:33 AM
Location Code	WTE-5D	Sample Collector	JAMES PEET
Sample Description	Waste to Energy M.W. # 5-D		

Analysis Code	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
FE	Iron by flame AA	0.04	U	mg/L	0.04	5/4/2005	12:33 PM	SM3111B
HG	Mercury, AA cold vapor technique	0.2	U	µg/L	0.2	5/10/2005	2:14 PM	EPA 245.1
MN	Manganese by flame AA	0.01	U	mg/L	0.01	5/9/2005	9:40 AM	SM19 3111 B
NH3	Ammonia, Automated Phenate	0.331		mg/L as N	0.013	4/30/2005	10:20 AM	EPA 350.1
PHF	pH, Field (electrometric)	7.18		units		4/28/2005	9:33 AM	EPA 150.1
SAMPLEG	Sample Collection Ground Water	Completed				4/28/2005	9:33 AM	FDEP-SOP-001/01
SEUGL	Selenium, AA furnace technique	2.0	U	µg/L	2.0	5/3/2005	9:02 AM	SM19 3113 B
SO4_IC	Sulfate	59.1		mg/L	0.2	5/13/2005	1:44 PM	EPA 300.0
TDS	Total Dissolved Solids/filterable	622		mg/L	5.0	5/2/2005	11:00 AM	SM19 2540 C
TKN	Nitrogen, Kjeldahl, Total	0.49		mg/L as N	0.1	5/23/2005	8:00 AM	EPA 351.2
TOC	Total Organic Carbon	4.7	ELAB	mg/L	0.080	5/3/2005	12:00 AM	EPA 415.1
ZN	Zinc by flame AA	0.004	U,V1	mg/L	0.004	5/4/2005	1:37 PM	SM19 3111 B

Laboratory ID	AB72690	Collection date and time	4/28/2005 9:46 AM
Location Code	WTE-5S	Sample Collector	JAMES PEET
Sample Description	Waste to Energy M.W. # 5-S		

Analysis Code	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
ASUGL	Arsenic, AA furnace technique	1.0	U	µg/L	1.0	5/17/2005	10:30 AM	SM19 3113 B
CL	Chloride titrimetric Argentometric	55		mg/L	1.2	5/3/2005	7:15 AM	SM19 4500-Cl-B
CONDF	Specific Conductance, 25oC, Field	1146		µmhos/cm	1	4/28/2005	9:46 AM	EPA 120.1
ELEV	Elevation, Water Table	18.54		Feet NGVD		4/28/2005	9:46 AM	FDEP-SOP-001/01
FE	Iron by flame AA	2.3		mg/L	0.04	5/4/2005	12:33 PM	SM3111B
HG	Mercury, AA cold vapor technique	0.2	U	µg/L	0.2	5/10/2005	2:14 PM	EPA 245.1
MN	Manganese by flame AA	0.01	U	mg/L	0.01	5/9/2005	9:40 AM	SM19 3111 B
NH3	Ammonia, Automated Phenate	0.447		mg/L as N	0.013	4/30/2005	10:20 AM	EPA 350.1
PHF	pH, Field (electrometric)	6.57		units		4/28/2005	9:46 AM	EPA 150.1
SAMPLEG	Sample Collection Ground Water	Completed				4/28/2005	9:46 AM	FDEP-SOP-001/01
SEUGL	Selenium, AA furnace technique	2.0	U	µg/L	2.0	5/3/2005	9:02 AM	SM19 3113 B
SO4_IC	Sulfate	192		mg/L	0.2	5/13/2005	1:44 PM	EPA 300.0
TDS	Total Dissolved Solids/filterable	762		mg/L	5.0	5/2/2005	11:00 AM	SM19 2540 C
TKN	Nitrogen, Kjeldahl, Total	1.02		mg/L as N	0.1	5/23/2005	8:00 AM	EPA 351.2
TOC	Total Organic Carbon	18	ELAB	mg/L	0.080	5/3/2005	12:00 AM	EPA 415.1
ZN	Zinc by flame AA	0.1		mg/L	0.004	5/4/2005	1:37 PM	SM19 3111 B

Laboratory ID	AB72691	Collection date and time	4/27/2005 2:21 PM
Location Code	WTE-6D	Sample Collector	JAMES PEET
Sample Description	Waste to Energy M.W. # 6-D		

Analysis Code	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
Well turbidity would not clean up after 5 well volumes. Averaged around 500 NTU's.								
ASUGL	Arsenic, AA furnace technique	1.0	U	µg/L	1.0	5/17/2005	10:30 AM	SM19 3113 B
CL	Chloride titrimetric Argentometric	170		mg/L	1.2	5/3/2005	7:15 AM	SM19 4500-CI-B
CONDF	Specific Conductance, 25oC, Field	1143		µmhos/cm	1	4/27/2005	2:21 PM	EPA 120.1
ELEV	Elevation, Water Table	16.46		Feet NGVD		4/27/2005	2:21 PM	FDEP-SOP-001/01
FE	Iron by flame AA	0.2		mg/L	0.04	5/4/2005	12:33 PM	SM3111B
HG	Mercury, AA cold vapor technique	0.2	U	µg/L	0.2	5/10/2005	2:14 PM	EPA 245.1
MN	Manganese by flame AA	0.01	U	mg/L	0.01	5/9/2005	9:40 AM	SM19 3111 B
NH3	Ammonia, Automated Phenate	0.350		mg/L as N	0.013	4/30/2005	10:20 AM	EPA 350.1
PHF	pH, Field (electrometric)	6.67		units		4/27/2005	2:21 PM	EPA 150.1
SAMPLEG	Sample Collection Ground Water	Completed				4/27/2005	2:21 PM	FDEP-SOP-001/01
SEUGL	Selenium, AA furnace technique	2.0	U	µg/L	2.0	5/3/2005	9:02 AM	SM19 3113 B
SO4_IC	Sulfate	55.6		mg/L	0.2	5/13/2005	1:44 PM	EPA 300.0
TDS	Total Dissolved Solids/filterable	648		mg/L	5.0	5/2/2005	11:00 AM	SM19 2540 C
TKN	Nitrogen, Kjeldahl, Total	0.54		mg/L as N	0.1	5/23/2005	8:00 AM	EPA 351.2
TOC	Total Organic Carbon	5.3	ELAB	mg/L	0.080	5/3/2005	12:00 AM	EPA 415.1
ZN	Zinc by flame AA	0.004	U,V1	mg/L	0.004	5/4/2005	1:37 PM	SM19 3111 B

Laboratory ID	AB72692	Collection date and time	4/27/2005 1:34 PM
Location Code	WTE-6S	Sample Collector	JAMES PEET
Sample Description	Waste to Energy M.W. # 6-S		

Analysis Code	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
ASUGL	Arsenic, AA furnace technique	1.0	U	µg/L	1.0	5/17/2005	10:30 AM	SM19 3113 B
CL	Chloride titrimetric Argentometric	47		mg/L	1.2	5/3/2005	7:15 AM	SM19 4500-CI-B
CONDF	Specific Conductance, 25oC, Field	1121		µmhos/cm	1	4/27/2005	1:34 PM	EPA 120.1
ELEV	Elevation, Water Table	18.49		Feet NGVD		4/27/2005	1:34 PM	FDEP-SOP-001/01
FE	Iron by flame AA	3.2		mg/L	0.04	5/4/2005	12:33 PM	SM3111B
HG	Mercury, AA cold vapor technique	0.2	U	µg/L	0.2	5/10/2005	2:14 PM	EPA 245.1
MN	Manganese by flame AA	0.01	U	mg/L	0.01	5/9/2005	9:40 AM	SM19 3111 B
NH3	Ammonia, Automated Phenate	0.214		mg/L as N	0.013	4/30/2005	10:20 AM	EPA 350.1
PHF	pH, Field (electrometric)	6.58		units		4/27/2005	1:34 PM	EPA 150.1
SAMPLEG	Sample Collection Ground Water	Completed				4/27/2005	1:34 PM	FDEP-SOP-001/01
SEUGL	Selenium, AA furnace technique	2.0	U	µg/L	2.0	5/3/2005	9:02 AM	SM19 3113 B
SO4_IC	Sulfate	194		mg/L	0.2	5/13/2005	1:44 PM	EPA 300.0
TDS	Total Dissolved Solids/filterable	734		mg/L	5.0	5/2/2005	11:00 AM	SM19 2540 C

Laboratory ID	AB72692	Collection date and time	4/27/2005 1:34 PM
Location Code	WTE-6S	Sample Collector	JAMES PEET
Sample Description	Waste to Energy M.W. # 6-S		

Analysis Code	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
TKN	Nitrogen, Kjeldahl, Total	0.63		mg/L as N	0.1	5/23/2005	8:00 AM	EPA 351.2
TOC	Total Organic Carbon	12	ELAB	mg/L	0.080	5/3/2005	12:00 AM	EPA 415.1
ZN	Zinc by flame AA	0.04	V1	mg/L	0.004	5/4/2005	1:37 PM	SM19 3111 B

Laboratory ID	AB72693	Collection date and time	4/27/2005 1:34 PM
Location Code	WTE-6S	Sample Collector	JAMES PEET
Sample Description	Waste to Energy M.W. # 6-S Dup		

Analysis Code	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
ASUGL	Arsenic, AA furnace technique	1.0	U	µg/L	1.0	5/17/2005	10:30 AM	SM19 3113 B
CL	Chloride titrimetric Argentometric	45		mg/L	1.2	5/3/2005	7:15 AM	SM19 4500-CI-B
CONDF	Specific Conductance, 25oC, Field	1121		µmhos/cm	1	4/27/2005	1:34 PM	EPA 120.1
ELEV	Elevation, Water Table	18.49		Feet NGVD		4/27/2005	1:34 PM	FDEP-SOP-001/01
FE	Iron by flame AA	3.3		mg/L	0.04	5/4/2005	12:33 PM	SM3111B
HG	Mercury, AA cold vapor technique	0.2	U	µg/L	0.2	5/10/2005	2:14 PM	EPA 245.1
MN	Manganese by flame AA	0.01	U	mg/L	0.01	5/9/2005	9:40 AM	SM19 3111 B
NH3	Ammonia, Automated Phenate	0.204		mg/L as N	0.013	4/30/2005	10:20 AM	EPA 350.1
PHF	pH, Field (electrometric)	6.58		units		4/27/2005	1:34 PM	EPA 150.1
RPD_ASU	RPD/Field Dup/ASUGL	0		%RPD		5/17/2005	10:30 AM	SM19 3113 B
RPD_CHL	RPD/Field Dup/Chloride	4.3		%RPD		5/3/2005	7:15 AM	SM19 4500-CI-B
RPD_CON	RPD/Field Dup/Conductance	0		%RPD		4/27/2005	1:34 PM	EPA 120.1
RPD_DOFI	RPD/Field Dup/D.O.	0		%RPD		4/27/2005	1:34 PM	EPA 360.1
RPD_FE	RPD/Field Dup/FE	2		%RPD		5/4/2005	12:33 PM	SM3111B
RPD_HG	RPD/Field Dup/HG	0		%RPD		5/10/2005	2:14 PM	EPA 245.1
RPD_NH3	RPD/Field Dup/NH3	4.8		%RPD		4/30/2005	10:20 AM	EPA 350.1
RPD_PHF	RPD/Field Dup/pH	0		%RPD		4/27/2005	1:34 PM	EPA 150.1
RPD_SE	RPD/Field Dup/SE	0		%RPD		5/2/2005	9:02 AM	SM19 3113 B
RPD_SO4_	RPD/Field Dup/SO4_IC	1.0		%RPD		5/26/2005	1:09 PM	EPA 300.0
RPD_TDS	RPD/Field Dup/TDS	0.543		%RPD		5/2/2005	10:52 AM	SM19 2540 C
RPD_TEM	RPD/Field Dup/Temperature	0		%RPD		4/27/2005	1:34 PM	EPA 170.1
RPD_TUR	RPD/Field Dup/Turbidity	0		%RPD		4/27/2005	1:34 PM	EPA 180.1
RPD_ZN	RPD/Field Dup/ZN	0		%RPD		5/4/2005	1:37 PM	SM19 3111 B
SAMPLEG	Sample Collection Ground Water	Completed				4/27/2005	1:34 PM	FDEP-SOP-001/01
SEUGL	Selenium, AA furnace technique	2.0	U	µg/L	2.0	5/3/2005	9:02 AM	SM19 3113 B
SO4_IC	Sulfate	193		mg/L	0.2	5/13/2005	1:44 PM	EPA 300.0
TDS	Total Dissolved Solids/filterable	738		mg/L	5.0	5/2/2005	11:00 AM	SM19 2540 C

Laboratory ID	AB72693	Collection date and time	4/27/2005 1:34 PM
Location Code	WTE-6S	Sample Collector	JAMES PEET
Sample Description	Waste to Energy M.W. # 6-S Dup		

Analysis Code	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
TKN	Nitrogen, Kjeldahl, Total	0.66		mg/L as N	0.1	5/23/2005	8:00 AM	EPA 351.2
TOC	Total Organic Carbon	11	ELAB	mg/L	0.080	5/3/2005	12:00 AM	EPA 415.1
ZN	Zinc by flame AA	0.04	V1	mg/L	0.004	5/4/2005	1:37 PM	SM19 3111 B

Laboratory ID	AB72694	Collection date and time	4/27/2005 1:45 PM
Location Code	WTE-EQB	Sample Collector	JAMES PEET
Sample Description	Waste / Energy Equipment Blank		

Analysis Code	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
ASUGL	Arsenic, AA furnace technique	1.0	U	µg/L	1.0	5/17/2005	10:30 AM	SM19 3113 B
CL	Chloride titrimetric Argentometric	1.2	U	mg/L	1.2	5/3/2005	7:15 AM	SM19 4500-CI-B
FE	Iron by flame AA	0.04	U	mg/L	0.04	5/4/2005	12:33 PM	SM3111B
HG	Mercury, AA cold vapor technique	0.2	U	µg/L	0.2	5/10/2005	2:14 PM	EPA 245.1
MN	Manganese by flame AA	0.01	U	mg/L	0.01	5/9/2005	9:40 AM	SM19 3111 B
NH3	Ammonia, Automated Phenate	0.013	U	mg/L as N	0.013	4/30/2005	10:20 AM	EPA 350.1
SAMPLE	Sample Collection	Completed				4/27/2005	1:45 PM	FDEP-SOP-001/01
SEUGL	Selenium, AA furnace technique	2.0	U	µg/L	2.0	5/3/2005	9:02 AM	SM19 3113 B
SO4_IC	Sulfate	0.2	U	mg/L	0.2	5/13/2005	1:44 PM	EPA 300.0
TDS	Total Dissolved Solids/filterable	5	U	mg/L	5.0	5/2/2005	11:00 AM	SM19 2540 C
TKN	Nitrogen, Kjeldahl, Total	0.10	U	mg/L as N	0.1	5/23/2005	8:00 AM	EPA 351.2
TOC	Total Organic Carbon	0.080	U,ELAB	mg/L	0.080	5/3/2005	12:00 AM	EPA 415.1
ZN	Zinc by flame AA	0.01	V1	mg/L	0.004	5/4/2005	1:37 PM	SM19 3111 B

Unless noted otherwise, these test results meet all the requirements of the 2002 NELAC Standards.
All questions regarding this report should be directed to Keith A. Kibbey, Laboratory Manager.



Keith A. Kibbey
Laboratory Manager

Lee County Environmental Laboratory's Data Qualifiers

Data deviate from historically established concentration ranges.

Not reported due to interference.

Data rejected and should not be used. Some or all the quality control data for the analyte were outside criteria, and presence or absence cannot be determined.

Value reported is the arithmetic mean of two or more determinations.

Results based upon colony counts outside the acceptable range.

Analysis performed by client not a NELAC certified laboratory.

Measurement made in the Field.

Analysis performed by Florida Department of Health, Jacksonville, Lab Accession # IRC 180-2002

Extra samples were taken at composite stations.

Analysis performed by ELAB, Inc. of Ormond Beach, FL, DOH # E83079

Analysis performed by EMSL Analytical, Inc., Miami Beach, FL - DOH # E86795

Value based on field kit determination; result may not be accurate.

The value is equal to or between the laboratory method detection limit and the laboratory practical quantification limit.

Estimated value; value may not be accurate.

Surrogate recovery limits have been exceeded.

No known quality control criteria exist for the component.

The reported value failed to meet the established quality control criteria for either precision or accuracy.

The sample matrix interfered with the ability to make any accurate determination.

The data are questionable because of improper laboratory or field protocols.

The field calibration verification did not meet calibration acceptance criteria.

Correlation coefficient of calibration curve < 0.995.

Seeded BOD samples did not exhibit dissolved oxygen drop of at least 2 mg/L.

Off scale low. Actual value is known to be less than value given.

The value is less than the lowest calibration standard and the calibration curve is known to be non-linear.

The value is known to be less than the reported value based on sample size, dilution or some other variable.

Analysis performed by KNL Laboratory Services DOH # E84025

Off scale high. Actual value is known to be greater than value given.

Presence of material verified, but not quantified; actual value is less than the value given.

Presumptive evidence of presence of material.

Sampled, but analysis not performed.

Although 2 dissimilar GC columns confirmed the presence of the target analyte, relative % difference is >40%.

Sample held beyond the accepted holding time.

Significant rain in the last 48 hours.

Analysis performed by Severn Trent Laboratories, Tampa DOH # E84282

Analysis performed by Severn Trent Laboratories, North Canton, OH

Analysis performed by Severn Trent Laboratories, Pensacola, FL, DOH # E81010

Analysis performed by Severn Trent Laboratories, Richland, WA, DOH # E87177

Analysis performed by Severn Trent Laboratories, Sacramento, CA - DOH # E87570

Value reported is less than the laboratory method detection limit.

Indicates that the compound was analyzed for but not detected.

Analysis performed by Underwriters Laboratories Inc. DOH # E87775

Indicates that the analyte was detected in both the sample and the associated method blank.

Indicates that the analyte was detected in both the sample and associated field blank at a level of <5X the blank value.

The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

Too many colonies were present (TNTC); the numeric value represents the filtration volume.

LCEL

Lee County Environmental Laboratory
 60-2 Danley Dr Ft Myers, FL 33907
 Phone: (239) 278-7070
 Fax: (239) 939-4850

Analysis Request & Chain of Custody Record

Lab Certification: E45049

Report/Result Information				Billing/Invoice Information				Analyses Required											
Name: Lee County Solid Waste				Name: Lee County Solid Waste				Matrix Codes: DW-Drinking water GW-Ground water WW-Waste water SW-Surface water WWS-Wastewater Sludge S-Sediment O-Other											
Address:				Address:				Preservative Codes: NP-No Preservative N-Nitric Acid S-Sulfuric Acid H-Hydrochloric Acid SH-Sodium Hydroxide ST-Sodium Thiosulfate O-Other											
Phone/Fax/Cell:				Phone/Fax/Cell:				Analyses Required: SANITIZER, PH, CHL, BCU, TDS, CL, SD, FC, NH4, TKN, AS, SE, FE, Hg, ZN, AN, TOC, SHIPPING											
Sample Collector/Client Name: JOHN REEKIE HAMES Peet				Sample Collector/Signature: John Reekie															
Relinquished By: (signature)		Date	Time	Received By: (signature)															
<i>John Reekie</i>		4/27/05	1530	<i>John Reekie</i>															
Relinquished By: (signature)		Date	Time	Received By: (signature)															
Relinquished By: (signature)		Date	Time	Received By: (signature)															
Sample(s) on ice <input checked="" type="checkbox"/> Yes or <input type="checkbox"/> No?								X		NP		S		N		S		X	
Collection Date/Time				Sample Description & Location				Matrix (see codes)		# of Sample Containers Submitted				LCE Lab #					
4/27/05		1211 AM		WTE-1D		GW		X		1		1		1		X		AB22685	
		1218 AM		WTE-1S		GW		X		1		1		1		X		AB22686	
		1048 AM		WTE-3D		GW		X		1		1		1		X		AB22687	
		1008 AM		WTE-3S		GW		X		1		1		1		X		AB22688	
4/28/05		933 AM		WTE-5D		GW		X		1		1		1		X		AB22689	
4/28/05		946 AM		WTE-5S		GW		X		1		1		1		X		AB22690	
4/27/05		1421 AM		WTE-6D		GW		X		1		1		1		X		AB22691	

