

Attachment C-1

Leachate Analytical Report

39884

Table 1
Leachate Analytical Summary
Lena Road Landfill
First Half 2005

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

Analyte	Location:		Lift Station #1	Lift Station #2
	Sample Identifier:		Phase I	Phase II
	Date of Test:		02/18/05	02/18/05
	Standard(1)	Units		
Field Measurements				
pH		STD	6.42	6.55
Temperature		Degrees C	22.39	20.79
Turbidity		NTUs	141	5.5
Conductivity		umhos/cm	2231	5259
Dissolved Oxygen (DO)		mg/l	0.72	0.6
Inorganics				
Antimony		mg/l	BDL	BDL
Arsenic	5.0	mg/l	BDL	BDL
Barium	100	mg/l	BDL	BDL
Beryllium		mg/l	BDL	BDL
Bicarbonate alkalinity		mg/l	BDL	BDL
Cadmium	1.0	mg/l	BDL	BDL
Chloride		mg/l	BDL	BDL
Chromium		mg/l	BDL	BDL
Cobalt		mg/l	BDL	BDL
Copper		mg/l	BDL	BDL
Cyanide		mg/l	BDL	0.005
Iron		mg/l	15.7	9.84
Lead	5,000	mg/l	BDL	BDL
Mercury	200	mg/l	BDL	BDL
Nickel		mg/l	BDL	BDL
Nitrate		mg/l	BDL	BDL
Selenium	1.0	mg/l	BDL	BDL
Silver	5.0	mg/l	BDL	BDL
Sodium		mg/l	122	415
Total Ammonia - N		mg/l	BDL	BDL
Total phenols		mg/l	0.019	0.026
Thallium		mg/l	BDL	BDL
Tin as SN		mg/l	BDL	BDL
Total Dissolved Solids (TDS)		mg/l	BDL	BDL
Total Sulfide		mg/l	BDL	BDL
Vanadium		mg/l	BDL	BDL
Zinc		mg/l	BDL	BDL
Pesticides & Herbicides				
2,4-D	10,000	ug/l	BDL	BDL
2,4,5-T		ug/l	BDL	BDL
A-BHC		ug/l	BDL	BDL
Aldrin		ug/l	BDL	BDL
B-BHC		ug/l	BDL	BDL
Chlordane	30	ug/l	BDL	BDL
D-BHC		ug/l	BDL	BDL
Dinoseb		ug/l	BDL	BDL
Endosulfan Sulfate		ug/l	BDL	BDL
Endosulfan-I		ug/l	BDL	BDL
Endosulfan-II		ug/l	BDL	BDL
Endrin	20	ug/l	BDL	BDL
Endrin Aldehyde		ug/l	BDL	BDL
G-BHC(Lindane)	400	ug/l	BDL	BDL
Heptachlor	8	ug/l	BDL	BDL
Heptachlor Epoxide		ug/l	BDL	BDL
Methoxychlor	10,000	ug/l	BDL	BDL

Analyte	Location:		Lift Station #1	Lift Station #2
	Sample Identifier:		Phase I	Phase II
	Date of Test:		02/18/05	02/18/05
	Standard(1)	Units		
PP-DDD		ug/l	BDL	BDL
PP-DDE/Dieldrin		ug/l	BDL	BDL
PP-DDT		ug/l	BDL	BDL
Silvex	1,000	ug/l	BDL	BDL
Toxaphene	500	ug/l	BDL	BDL
PCB-1016		ug/l	BDL	BDL
PCB-1221		ug/l	BDL	BDL
PCB-1232		ug/l	BDL	BDL
PCB-1242		ug/l	BDL	BDL
PCB-1248		ug/l	BDL	BDL
PCB-1254		ug/l	BDL	BDL
PCB-1260		ug/l	BDL	BDL
Organics, Acid Extractables				
2,4,6-Trichlorophenol	2,000	ug/l	BDL	BDL
2,4,5-Trichlorophenol	400,000	ug/l	BDL	BDL
2,4-Dinitrophenol		ug/l	BDL	BDL
4-Nitrophenol		ug/l	BDL	BDL
2,3,4,6-Tetrachlorophenol		ug/l	BDL	BDL
Pentachlorophenol	100,000	ug/l	BDL	BDL
2,4-Dichlorophenol		ug/l	BDL	BDL
4,6-Dinitro-2-methylphenol		ug/l	BDL	BDL
(3+4)-Methylphenol		ug/l	BDL	BDL
2-Methylphenol		ug/l	BDL	BDL
2,4-Dimethylphenol		ug/l	BDL	BDL
2-Nitrophenol		ug/l	BDL	BDL
Phenol		ug/l	BDL	BDL
2-Chlorophenol		ug/l	BDL	BDL
2,6-Dichlorophenol		ug/l	BDL	BDL
4-Chloro-3-methylphenol		ug/l	BDL	BDL
Base Neutrals				
1,3,5-Trinitrobenzene		ug/l	BDL	BDL
1,3-Dinitrobenzene		ug/l	BDL	BDL
1,4-Naphthoquinone		ug/l	BDL	BDL
2-Acetylaminofluorene		ug/l	BDL	BDL
3,3-Dimethylbenzidine		ug/l	BDL	BDL
5-Nitro-o-toluidine		ug/l	BDL	BDL
Acetonitrile		ug/l	BDL	BDL
Chlorobenzilate		ug/l	BDL	BDL
cis-Diallate		ug/l	BDL	BDL
trans-Diallate		ug/l	BDL	BDL
Dimethoate		ug/l	BDL	BDL
Disulfoton		ug/l	BDL	BDL
Famfur		ug/l	BDL	BDL
Hexylchloropropene		ug/l	BDL	BDL
Isodrin		ug/l	BDL	BDL
Isosafrole		ug/l	BDL	BDL
Kepone		ug/l	BDL	BDL
Methapyrilene		ug/l	BDL	BDL
Methyl parathion		ug/l	BDL	BDL
N-Nitrosoethylmethylaniline		ug/l	BDL	BDL
N-Nitrosopyrrolidine		ug/l	BDL	BDL
N-Nitrosodiethylamine		ug/l	BDL	BDL
OOO-Triethylphosphorothioate		ug/l	BDL	BDL

Analyte	Location:		Lift Station #1	Lift Station #2
	Sample Identifier:		Phase I	Phase II
	Date of Test:		02/18/05	02/18/05
	Standard(1)	Units		
Ortho-toluidine		ug/l	BDL	BDL
Para-Phenylenediamine		ug/l	BDL	BDL
Parathion		ug/l	BDL	BDL
Phorate		ug/l	BDL	BDL
Safrole		ug/l	BDL	BDL
Thionazin		ug/l	BDL	BDL
1,2,4,5-Tetrachlorobenzene		ug/l	BDL	BDL
1,2,4-Trichlorobenzene		ug/l	BDL	BDL
1-Naphthylamine		ug/l	BDL	BDL
2,4-Dinitrotoluene	13,000	ug/l	BDL	BDL
2,6-Dinitrotoluene		ug/l	BDL	BDL
2-Chloronaphthalene		ug/l	BDL	BDL
2-Methylnaphthalene		ug/l	BDL	BDL
2-Naphthylamine		ug/l	BDL	BDL
2-Nitroaniline		ug/l	BDL	BDL
3,3-Dichlorobenzidine		ug/l	BDL	BDL
3-Methylcholanthrene		ug/l	BDL	BDL
3-Nitroaniline		ug/l	BDL	BDL
4-Aminobiphenyl		ug/l	BDL	BDL
4-Bromophenyl-phenylether		ug/l	BDL	BDL
4-Chloroaniline		ug/l	BDL	BDL
4-Chlorophenylphenylether		ug/l	BDL	BDL
4-Nitronaline		ug/l	BDL	BDL
7,12-Dimethylbenz(a)anthracene		ug/l	BDL	BDL
Acenaphthene		ug/l	BDL	BDL
Acenaphthylene		ug/l	BDL	BDL
Acetone		ug/l	BDL	BDL
Acetophenone		ug/l	BDL	BDL
Anthracene		ug/l	BDL	BDL
Benzo(a)anthracene		ug/l	BDL	BDL
Benzo(a)pyrene		ug/l	BDL	BDL
Benzo(b)flouranthene		ug/l	BDL	BDL
Benzo(g,h,i)perylene		ug/l	BDL	BDL
Benzo(k)flouranthene		ug/l	BDL	BDL
Benzyl alcohol		ug/l	BDL	BDL
Bis(2-chloroethoxy)methane		ug/l	BDL	BDL
Bis(2-chloroethyl)ether		ug/l	BDL	BDL
Bis(2-chloroisopropyl)ether		ug/l	BDL	BDL
Bis(2-ethylhexyl)phthalate		ug/l	BDL	BDL
Butylbenzylphthalate		ug/l	BDL	BDL
Chrysene		ug/l	BDL	BDL
Dibenz(a,h)anthracene		ug/l	BDL	BDL
Dibenzofuran		ug/l	BDL	BDL
Diethylphthalate		ug/l	BDL	BDL
Dimethylphthalate		ug/l	BDL	BDL
Di-N-butylphthalate		ug/l	BDL	BDL
Di-N-octylphthalate		ug/l	BDL	BDL
Diphenylamine		ug/l	BDL	BDL
Ethylmethanesulfonate		ug/l	BDL	BDL
Flouranthene		ug/l	BDL	BDL
Flourene		ug/l	BDL	BDL

Analyte	Location:		Lift Station #1	Lift Station #2
	Sample Identifier:		Phase I	Phase II
	Date of Test:		02/18/05	02/18/05
	Standard(1)	Units		
Hexachlorobenzene	130	ug/l	BDL	BDL
Hexachlorobutadiene	500	ug/l	BDL	BDL
Hexachlorocyclopentadiene		ug/l	BDL	BDL
Hexachloroethane	3,000	ug/l	BDL	BDL
Indeno(1,2,3-cd)pyrene		ug/l	BDL	BDL
Isophorone		ug/l	BDL	BDL
Methylmethanesulfonate		ug/l	BDL	BDL
Naphthalene		ug/l	BDL	BDL
N-Nitrosodi-n-butylamine		ug/l	BDL	BDL
Nitrobenzene	2,000	ug/l	BDL	BDL
N-Nitrosodimethylamine		ug/l	BDL	BDL
N-Nitroso-di-n-propylamine		ug/l	BDL	BDL
N-Nitrosodiphenylamine		ug/l	BDL	BDL
N-Nitrosopiperidine		ug/l	BDL	BDL
P-Dimethylaminoazobenzene		ug/l	BDL	BDL
Pentachlorobenzene		ug/l	BDL	BDL
Pentachloronitrobenzene		ug/l	BDL	BDL
Phenacetin		ug/l	BDL	BDL
Phenanthrene		ug/l	BDL	BDL
Pronamide		ug/l	BDL	BDL
Pyrene		ug/l	BDL	BDL
Volatiles Organics				
1,1,1,2-Tetrachloroethane		ug/l	BDL	BDL
1,1,1-Trichloroethane		ug/l	BDL	BDL
1,1,2,2-Tetrachloroethane		ug/l	BDL	BDL
1,1,2-Trichloroethane		ug/l	BDL	BDL
1,1-Dichloroethane		ug/l	BDL	BDL
1,1-Dichloroethene	700	ug/l	BDL	0.43
1,1-Dichloropropene		ug/l	BDL	BDL
1,2,3-Trichloropropane		ug/l	BDL	BDL
1,2-Dichlorobenzene		ug/l	BDL	BDL
1,2-Dichloroethane	500	ug/l	BDL	BDL
1,2-Dichloropropane		ug/l	BDL	BDL
1,3-Dichlorobenzene		ug/l	BDL	BDL
1,3-Dichloropropane		ug/l	BDL	BDL
1,4-Dichlorobenzene	7,500	ug/l	BDL	11.1
2,2-Dichloropropane		ug/l	BDL	BDL
2-Butanone		ug/l	BDL	BDL
2-Hexanone		ug/l	BDL	BDL
4-Methyl-2-pentanone		ug/l	BDL	BDL
Acetonitrile		ug/l	BDL	BDL
Acrolein		ug/l	BDL	BDL
Acrylonitrile		ug/l	BDL	BDL
Allyl chloride		ug/l	BDL	BDL
Benzene	500	ug/l	BDL	2.8
Bromomethane		ug/l	BDL	BDL
Bromochloromethane		ug/l	BDL	BDL
Bromodichloromethane		ug/l	BDL	BDL
Carbon disulfide		ug/l	BDL	BDL
Carbon tetrachloride	500	ug/l	BDL	BDL
Chlorobenzene	100,000	ug/l	BDL	3.76

Analyte	Location:		Lift Station #1	Lift Station #2
	Sample Identifier:		Phase I	Phase II
	Date of Test:		02/18/05	02/18/05
	Standard(1)	Units		
Chloroethane		ug/l	BDL	BDL
Chloromethane		ug/l	BDL	BDL
Chloroprene		ug/l	BDL	BDL
cis-1,2-Dichloroethene		ug/l	BDL	BDL
cis-1,3-Dichloropropene		ug/l	BDL	BDL
Dibromochloromethane		ug/l	BDL	BDL
Dibromomethane		ug/l	BDL	BDL
Dichlorodifluoromethane		ug/l	BDL	BDL
Dichloromethane		ug/l	BDL	BDL
Ethyl methacrylate		ug/l	BDL	BDL
Ethylbenzene		ug/l	BDL	0.8
Iodomethane		ug/l	BDL	BDL
Isobutyl Alcohol		ug/l	BDL	BDL
Methacrylonitrile		ug/l	BDL	BDL
Methyl methacrylate		ug/l	BDL	BDL
Propionitrile		ug/l	BDL	BDL
Styrene		ug/l	BDL	BDL
t-1,4-Dichloro-2-butene		ug/l	BDL	BDL
Tetrachloroethene	700	ug/l	BDL	BDL
Toluene		ug/l	BDL	0.22
trans-1,2-Dichloroethene		ug/l	BDL	BDL
trans-1,3-Dichloropropene		ug/l	BDL	BDL
Tribromomethane		ug/l	BDL	BDL
Trichloroethene	500	ug/l	BDL	BDL
Trichlorofluoromethane		ug/l	BDL	BDL
Trichloromethane		ug/l	BDL	BDL
Vinyl acetate		ug/l	BDL	BDL
Vinyl chloride	200	ug/l	BDL	2.15
o-Xylene		ug/l	BDL	2.11
m,p-Xylenes		ug/l	BDL	2.89
Ethylene dibromide		ug/l	BDL	BDL
Dibromochloropropane		ug/l	BDL	BDL

Notes: (1) - Regulatory standard listed in 40 CFR Part 261.24. Analyte concentrations shown with shading represent an exceedance of the regulatory level.

Abbreviations: BDL = below detection limits; mg/l = milligrams per liter; ug/l = micrograms per liter; NTU = nephelometric turbidity units.



REPORT OF ANALYSIS
MANATEE COUNTY UTILITY OPERATIONS
CENTRAL WASTEWATER LABORATORY
5101 65 TH STREET WEST
BRADENTON, FL 34210

Phone: (941) 792-8811 ext. 5285

Fax: (941) 795-3452

FDOHLAB ID: E54560

USEPA LAB CODE: FL00031

Laboratory Contact: Jeff Goodwin

PREPARED FOR: Mr. Gus Difonzo
MCUOD Solid Waste Division
4410 66th Street West
Bradenton, FL 34210

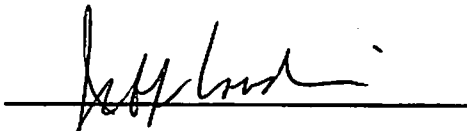
SAMPLE RECEIPT DATE: 02/18/2005

REPORT DATE: 5/5/2005

PROJECT NAME: Lena Road Semi-Annual
Leachate Monitoring Report

Data Release Authorization:

The Methods of analysis in this report are in accordance with MCUOD Central Wastewater 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.


Jeffrey A. Goodwin, Laboratory Supervisor





REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 863/646-8526

FAX 863/646-1042

CLIENT INFORMATION

Client : MANATEE COUNTY SOLID WASTE
3333 LENA ROAD
BRADENTON FL 34202
Attention : JEFF GOODWIN

Report ID: 0502074060

BILLING INFORMATION

Bill To : MANATEE COUNTY FINANCE DEPT.
ATTN: DARLENE
P.O. BOX 1000
BRADENTON FL 34206

Purchase Order No. :

SAMPLE IDENTIFICATION

IDENTIFICATION : PHASE I
SITE : LENA RD
TYPE : WATER

FIELD PARAMETERS

SPECIFIC CONDUCTANCE : 2231 MICROMHOS
pH : 6.42 STANDARD UNITS
WATER TEMPERATURE : 22.39 DEGREES C
DISSOLVED OXYGEN : 0.72 mg/L
INITIAL WATER LEVEL :
WELL ELEVATION :
FIELD TURBIDITY : 141 NTU
FIELD COLOR :
FACILITY GMS # :

COMMENTS

UNIQUE ID#
01B APP2O
01A APP2V
COLOR:YELLOWISH/GOLDEN
SHEEN:NONE



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 863/646-8526

FAX 863/646-1042

CLIENT NAME : MANATEE COUNTY SOLID WASTE
IDENTIFICATION : PHASE I
SITE : LENA RD
TYPE : WATER

Report ID: 0502074060
COLLECTION DATE : 02/18/05
COLLECTION TIME : 10:40
COLLECTED BY : PELA
DATE RECEIVED IN LAB : 02/18/05

PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
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ORGANICS

ACID EXTRACTIBLES IN H2O 8270

KF03169-02T-4

2-CHLOROPHENOL ,	EPA 8270	3.3	U	ug/L	JMS	1:38	03/18/05
PHENOL ,	EPA 8270	1.5	U	ug/L	JMS	1:38	03/18/05
2-METHYLPHENOL ,	EPA 8270	3.5	U	ug/L	JMS	1:38	03/18/05
(3+4)-METHYLPHENOL ,	EPA 8270	3.5	U	ug/L	JMS	1:38	03/18/05
2-NITROPHENOL ,	EPA 8270	3.6	U	ug/L	JMS	1:38	03/18/05
2,4-DIMETHYLPHENOL ,	EPA 8270	2.7	U	ug/L	JMS	1:38	03/18/05
2,4-DICHLOROPHENOL ,	EPA 8270	2.7	U	ug/L	JMS	1:38	03/18/05
2,6-DICHLOROPHENOL ,	EPA 8270	5.0	U	ug/L	JMS	1:38	03/18/05
4-CHLORO-3-METHYLPHENOL ,	EPA 8270	3.0	U	ug/L	JMS	1:38	03/18/05
2,4,6-TRICHLOROPHENOL ,	EPA 8270	2.7	U	ug/L	JMS	1:38	03/18/05
2,4,5-TRICHLOROPHENOL ,	EPA 8270	3.9	U	ug/L	JMS	1:38	03/18/05
2,4-DINITROPHENOL ,	EPA 8270	5.0	U	ug/L	JMS	1:38	03/18/05
4-NITROPHENOL ,	EPA 8270	2.4	U	ug/L	JMS	1:38	03/18/05
2,3,4,6-TETRACHLOROPHENOL ,	EPA 8270	5.0	U	ug/L	JMS	1:38	03/18/05
4,6-DINITRO-2-METHYLPHENOL ,	EPA 8270	9.5	U	ug/L	JMS	1:38	03/18/05
PENTACHLOROPHENOL ,	EPA 8270	1.5	U	ug/L	JMS	1:38	03/18/05



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

CLIENT NAME : MANATEE COUNTY SOLID WASTE
IDENTIFICATION : PHASE I
SITE : LENA RD
TYPE : WATER

Report ID: 0502074060
COLLECTION DATE : 02/18/05
COLLECTION TIME : 10:40
COLLECTED BY : PELA
DATE RECEIVED IN LAB : 02/18/05

PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
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ORGANICS

ADDITIONAL EXT H2O APP II 8270

KF03169-02T-4								
O,O,O- TRIETHYLPHOSPHOROTHIOATE ,	EPA 8270	30.0	U	ug/L	JMS	1:38	03/18/05	
THIONAZIN ,	EPA 8270	10.0	U	ug/L	JMS	1:38	03/18/05	
CIS-DIALATE ,	EPA 8270	5.0	U	ug/L	JMS	1:38	03/18/05	
PHORATE ,	EPA 8270	3.0	U	ug/L	JMS	1:38	03/18/05	
TRANS-DIALATE ,	EPA 8270	5.0	U	ug/L	JMS	1:38	03/18/05	
DIMETHOATE ,	EPA 8270	5.0	U	ug/L	JMS	1:38	03/18/05	
DISULFOTON ,	EPA 8270	5.0	U	ug/L	JMS	1:38	03/18/05	
METHYL PARATHION ,	EPA 8270	15.0	U	ug/L	JMS	1:38	03/18/05	
KEPONE ,	EPA 8270	30.0	U	ug/L	JMS	1:38	03/18/05	
PARATHION(ETHYL) ,	EPA 8270	15.0	U	ug/L	JMS	1:38	03/18/05	
CHLOROBENZILATE ,	EPA 8270	10.0	U	ug/L	JMS	1:38	03/18/05	
FAMFUR ,	EPA 8270	20.0	U	ug/L	JMS	1:38	03/18/05	
KF03169-								
N-NITROSOETHYLMETHYLAMINE ,	EPA 8270	10.0	U	ug/L	JMS	1:38	03/18/05	
N-NITROSODIETHYLAMINE ,	EPA 8270	10.0	U	ug/L	JMS	1:38	03/18/05	
N-NITROSOPYRROLIDINE ,	EPA 8270	15.0	U	ug/L	JMS	1:38	03/18/05	
ORTHO-TOLUIDINE ,	EPA 8270	10.0	U	ug/L	JMS	1:38	03/18/05	
HEXACHLOROPROPENE ,	EPA 8270	5.0	U	ug/L	JMS	1:38	03/18/05	
PARA-PHENYLENEDIAMINE ,	EPA 8270	10.0	U	ug/L	JMS	1:38	03/18/05	
ISOSAFROLE ,	EPA 8270	5.0	U	ug/L	JMS	1:38	03/18/05	
SAFROLE ,	EPA 8270	7.5	U	ug/L	JMS	1:38	03/18/05	
1,4-NAPHTHOQUINONE ,	EPA 8270	7.5	U	ug/L	JMS	1:38	03/18/05	
1,3-DINITROBENZENE ,	EPA 8270	10.0	U	ug/L	JMS	1:38	03/18/05	
5-NITRO-O-TOLUIDINE ,	EPA 8270	10.0	U	ug/L	JMS	1:38	03/18/05	
METHAPYRILENE ,	EPA 8270	30.0	U	ug/L	JMS	1:38	03/18/05	
1,3,5-TRINITROBENZENE ,	EPA 8270	10.0	U	ug/L	JMS	1:38	03/18/05	
ISODRIN ,	EPA 8270	6.0	U	ug/L	JMS	1:38	03/18/05	
2-ACETYLAMINOFLUORENE ,	EPA 8270	7.5	U	ug/L	JMS	1:38	03/18/05	
3,3'-DIMETHYLBENZIDINE ,	EPA 8270	5.0	U	ug/L	JMS	1:38	03/18/05	



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

CLIENT NAME : MANATEE COUNTY SOLID WASTE
IDENTIFICATION : PHASE I
SITE : LENA RD
TYPE : WATER

Report ID: 0502074060
COLLECTION DATE : 02/18/05
COLLECTION TIME : 10:40
COLLECTED BY : PELA
DATE RECEIVED IN LAB : 02/18/05

PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
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ORGANICS

APPEND II Volatiles-H2O 8260

KF03169-03A							
IODOMETHANE	EPA 8260	0.5	U	ug/L	JMS	12:02	03/02/05
ACETONE	EPA 8260	2.5	U	ug/L	JMS	12:02	03/02/05
ACETONITRILE	EPA 8260	10.0	U	ug/L	JMS	12:02	03/02/05
ALLYL CHLORIDE	EPA 8260	0.5	U	ug/L	JMS	12:02	03/02/05
CARBON DISULFIDE	EPA 8260	4.1	U	ug/L	JMS	12:02	03/02/05
VINYL ACETATE	EPA 8260	10.0	U	ug/L	JMS	12:02	03/02/05
PROPIONITRILE	EPA 8260	10.0	U	ug/L	JMS	12:02	03/02/05
2-BUTANONE	EPA 8260	2.5	U	ug/L	JMS	12:02	03/02/05
METHACRYLONITRILE	EPA 8260	10.0	U	ug/L	JMS	12:02	03/02/05
DIBROMOMETHANE	EPA 8260	0.3	U	ug/L	JMS	12:02	03/02/05
METHYL METHACRYLATE	EPA 8260	0.5	U	ug/L	JMS	12:02	03/02/05
4-METHYL-2-PENTANONE	EPA 8260	2.5	U	ug/L	JMS	12:02	03/02/05
ETHYL METHACRYLATE	EPA 8260	0.5	U	ug/L	JMS	12:02	03/02/05
2-HEXANONE	EPA 8260	2.5	U	ug/L	JMS	12:02	03/02/05
1,1,1,2-TETRACHLOROETHANE	EPA 8260	0.1	U	ug/L	JMS	12:02	03/02/05
STYRENE	EPA 8260	1.0	U	ug/L	JMS	12:02	03/02/05
1,2,3-TRICHLOROPROPANE	EPA 8260	0.3	U	ug/L	JMS	12:02	03/02/05
T-1,4-DICHLORO-2-BUTENE	EPA 8260	10.0	U	ug/L	JMS	12:02	03/02/05
ISOBUTYL ALCOHOL	EPA 8260	10.0	U	ug/L	JMS	12:02	03/02/05
BROMOCHLOROMETHANE	EPA 8260	0.5	U	ug/L	JMS	12:02	03/02/05
CIS 1,2-DICHLOROETHENE	EPA 8260	0.10	U	ug/L	JMS	12:02	03/02/05
1,3-DICHLOROPROPANE	EPA 8260	1.0	U	ug/L	JMS	12:02	03/02/05
2,2-DICHLOROPROPANE	EPA 8260	1.0	U	ug/L	JMS	12:02	03/02/05
1,1-DICHLOROPROPENE	EPA 8260	1.0	U	ug/L	JMS	12:02	03/02/05



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 863/646-8526

FAX 863/646-1042

CLIENT NAME : MANATEE COUNTY SOLID WASTE
IDENTIFICATION : PHASE I
SITE : LENA RD
TYPE : WATER

Report ID: 0502074060
COLLECTION DATE : 02/18/05
COLLECTION TIME : 10:40
COLLECTED BY : PELA
DATE RECEIVED IN LAB : 02/18/05

PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
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ORGANICS

APPENDIX II Volatiles-H20 8260

KF03169-

DICHLORODIFLUOROMETHANE	EPA 8260	0.10	U	ug/L	JMS	12:02	03/02/05
CHLOROMETHANE	EPA 8260	0.13	U	ug/L	JMS	12:02	03/02/05
VINYL CHLORIDE,	EPA 8260	0.17	U	ug/L	JMS	12:02	03/02/05
BROMOMETHANE	EPA 8260	0.11	U	ug/L	JMS	12:02	03/02/05
CHLOROETHANE	EPA 8260	0.10	U	ug/L	JMS	12:02	03/02/05
TRICHLOROFLUOROMETHANE,	EPA 8260	0.08	U	ug/L	JMS	12:02	03/02/05
ACROLEIN	EPA 8260	1.70	U	ug/L	JMS	12:02	03/02/05
1,1-DICHLOROETHENE	EPA 8260	0.12	U	ug/L	JMS	12:02	03/02/05
DICHLOROMETHANE	EPA 8260	0.03	U	ug/L	JMS	12:02	03/02/05
TRANS-1,2-DICHLOROETHENE	EPA 8260	0.06	U	ug/L	JMS	12:02	03/02/05
ACRYLONITRILE	EPA 8260	1.50	U	ug/L	JMS	12:02	03/02/05
1,1-DICHLOROETHANE	EPA 8260	0.03	U	ug/L	JMS	12:02	03/02/05
TRICHLOROMETHANE	EPA 8260	0.03	U	ug/L	JMS	12:02	03/02/05
1,1,1-TRICHLOROETHANE	EPA 8260	0.04	U	ug/L	JMS	12:02	03/02/05
1,2-DICHLOROETHANE	EPA 8260	0.02	U	ug/L	JMS	12:02	03/02/05
BENZENE	EPA 8260	0.04	0.37	ug/L	JMS	12:02	03/02/05
CARBON TETRACHLORIDE	EPA 8260	0.21	U	ug/L	JMS	12:02	03/02/05
1,2-DICHLOROPROPANE	EPA 8260	0.04	U	ug/L	JMS	12:02	03/02/05
TRICHLOROETHENE	EPA 8260	0.19	U	ug/L	JMS	12:02	03/02/05
BROMODICHLOROMETHANE	EPA 8260	0.08	U	ug/L	JMS	12:02	03/02/05
CHLOROPRENE	EPA 8260	0.03	U	ug/L	JMS	12:02	03/02/05
CIS-1,3-DICHLOROPROPENE	EPA 8260	0.05	U	ug/L	JMS	12:02	03/02/05
TOLUENE	EPA 8260	0.11	U	ug/L	JMS	12:02	03/02/05
TRANS-1,3-DICHLOROPROPENE	EPA 8260	0.04	U	ug/L	JMS	12:02	03/02/05
1,1,2-TRICHLOROETHANE	EPA 8260	0.10	U	ug/L	JMS	12:02	03/02/05
DIBROMOCHLOROMETHANE	EPA 8260	0.05	U	ug/L	JMS	12:02	03/02/05
TETRACHLOROETHENE	EPA 8260	0.14	U	ug/L	JMS	12:02	03/02/05
CHLOROBENZENE	EPA 8260	0.04	6.11	ug/L	JMS	12:02	03/02/05
ETHYLBENZENE	EPA 8260	0.06	U	ug/L	JMS	12:02	03/02/05
M,P-XYLENES	EPA 8260	0.11	U	ug/L	JMS	12:02	03/02/05
TRIBROMOMETHANE	EPA 8260	0.12	U	ug/L	JMS	12:02	03/02/05
O-XYLENE	EPA 8260	0.11	U	ug/L	JMS	12:02	03/02/05
1,1,2,2-TETRACHLOROETHANE	EPA 8260	0.04	U	ug/L	JMS	12:02	03/02/05
1,3-DICHLOROBENZENE	EPA 8260	0.12	U	ug/L	JMS	12:02	03/02/05
1,4-DICHLOROBENZENE	EPA 8260	0.03	2.19	ug/L	JMS	12:02	03/02/05
1,2-DICHLOROBENZENE	EPA 8260	0.03	U	ug/L	JMS	12:02	03/02/05

0502074060 - Page 5 of 22



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 863/646-8526

FAX 863/646-1042

CLIENT NAME : MANATEE COUNTY SOLID WASTE
IDENTIFICATION : PHASE I
SITE : LENA RD
TYPE : WATER

Report ID: 0502074060
COLLECTION DATE : 02/18/05
COLLECTION TIME : 10:40
COLLECTED BY : PELA
DATE RECEIVED IN LAB : 02/18/05

PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
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ORGANICS

BASENEUTRAL EXTBLs IN H2O 8270

KF03169-02T-4

N-NITROSODIMETHYLAMINE,	EPA 8270	10.0	U	ug/L	JMS	1:38	03/18/05
METHYLMETHANESULFONATE,	EPA 8270	10.0	U	ug/L	JMS	1:38	03/18/05
ETHYLMETHANESULFONATE,	EPA 8270	10.0	U	ug/L	JMS	1:38	03/18/05
BIS(2-CHLOROETHYL)ETHER,	EPA 8270	2.5	U	ug/L	JMS	1:38	03/18/05
BENZYL ALCOHOL,	EPA 8270	5.0	U	ug/L	JMS	1:38	03/18/05
BIS(2-CHLOROISOPROPYL)ETHER,	EPA 8270	5.7	U	ug/L	JMS	1:38	03/18/05
ACETOPHENONE,	EPA 8270	5.0	U	ug/L	JMS	1:38	03/18/05
HEXACHLOROETHANE,	EPA 8270	1.6	U	ug/L	JMS	1:38	03/18/05
N-NITROSO-DI-N-PROPYLAMINE,	EPA 8270	10.0	U	ug/L	JMS	1:38	03/18/05
NITROBENZENE,	EPA 8270	1.9	U	ug/L	JMS	1:38	03/18/05
N-NITROSOPIPERIDINE,	EPA 8270	10.0	U	ug/L	JMS	1:38	03/18/05
ISOPHORONE,	EPA 8270	2.2	U	ug/L	JMS	1:38	03/18/05
BIS(2-CHLOROETHOXY)METHANE,	EPA 8270	2.5	U	ug/L	JMS	1:38	03/18/05
1,2,4-TRICHLOROBENZENE,	EPA 8270	1.9	U	ug/L	JMS	1:38	03/18/05
NAPHTHALENE,	EPA 8270	1.6	U	ug/L	JMS	1:38	03/18/05
4-CHLOROANILINE,	EPA 8270	6.0	U	ug/L	JMS	1:38	03/18/05
HEXACHLOROBUTADIENE,	EPA 8270	0.9	U	ug/L	JMS	1:38	03/18/05
N-NITROSO-DI-N-BUTYLAMINE,	EPA 8270	10.0	U	ug/L	JMS	1:38	03/18/05
2-METHYLNAPHTHALENE,	EPA 8270	2.0	U	ug/L	JMS	1:38	03/18/05
1,2,4,5-TETRACHLOROBENZENE,	EPA 8270	5.0	U	ug/L	JMS	1:38	03/18/05
HEXACHLOROCYCLOPENTADIENE,	EPA 8270	5.0	U	ug/L	JMS	1:38	03/18/05
2-CHLORONAPHTHALENE,	EPA 8270	1.9	U	ug/L	JMS	1:38	03/18/05
2-NITROANILINE,	EPA 8270	20.0	U	ug/L	JMS	1:38	03/18/05
DIMETHYLPHTHALATE,	EPA 8270	1.6	U	ug/L	JMS	1:38	03/18/05
ACENAPHTHYLENE,	EPA 8270	2.5	U	ug/L	JMS	1:38	03/18/05
2,6-DINITROTOLUENE,	EPA 8270	1.9	U	ug/L	JMS	1:38	03/18/05
ACENAPHTHENE,	EPA 8270	1.9	U	ug/L	JMS	1:38	03/18/05
3-NITROANILINE,	EPA 8270	20.0	U	ug/L	JMS	1:38	03/18/05
DIBENZOFURAN,	EPA 8270	5.0	U	ug/L	JMS	1:38	03/18/05
PENTACHLOROBENZENE,	EPA 8270	5.0	U	ug/L	JMS	1:38	03/18/05
2,4-DINITROTOLUENE,	EPA 8270	2.2	U	ug/L	JMS	1:38	03/18/05
1-NAPHTHYLAMINE,	EPA 8270	10.0	U	ug/L	JMS	1:38	03/18/05
2-NAPHTHYLAMINE,	EPA 8270	10.0	U	ug/L	JMS	1:38	03/18/05
DIETHYLPHTHALATE,	EPA 8270	1.9	U	ug/L	JMS	1:38	03/18/05
FLUORENE,	EPA 8270	1.9	U	ug/L	JMS	1:38	03/18/05
4-CHLOROPHENYL-PHENYLETHER,	EPA 8270	4.2	U	ug/L	JMS	1:38	03/18/05

0502074060 - Page 6 of 22



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 863/646-8526

FAX 863/646-1042

CLIENT NAME : MANATEE COUNTY SOLID WASTE
IDENTIFICATION : PHASE I
SITE : LENA RD
TYPE : WATER

Report ID: 0502074060
COLLECTION DATE : 02/18/05
COLLECTION TIME : 10:40
COLLECTED BY : PELA
DATE RECEIVED IN LAB : 02/18/05

PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
ORGANICS						
N-NITROSODIPHENYLAMINE ,	EPA 8270	1.9	U	ug/L	JMS	1:38 03/18/05
DIPHENYLAMINE ,	EPA 8270	5.0	U	ug/L	JMS	1:38 03/18/05
4-NITROANILINE ,	EPA 8270	20.0	U	ug/L	JMS	1:38 03/18/05
4-BROMOPHENYL-PHENYLETHER ,	EPA 8270	1.9	U	ug/L	JMS	1:38 03/18/05
PHENACETIN ,	EPA 8270	10.0	U	ug/L	JMS	1:38 03/18/05
HEXACHLOROBENZENE	EPA 8270	1.0	U	ug/L	JMS	1:38 03/18/05
4-AMINOBIIPHENYL	EPA 8270	5.0	U	ug/L	JMS	1:38 03/18/05
PENTACHLORONITROBENZENE	EPA 8270	10.0	U	ug/L	JMS	1:38 03/18/05
PRONAMIDE ,	EPA 8270	10.0	U	ug/L	JMS	1:38 03/18/05
PHENANTHRENE ,	EPA 8270	2.5	U	ug/L	JMS	1:38 03/18/05
ANTHRACENE ,	EPA 8270	1.9	U	ug/L	JMS	1:38 03/18/05
DI-N-BUTYLPHTHALATE ,	EPA 8270	2.5	U	ug/L	JMS	1:38 03/18/05
FLUORANTHENE ,	EPA 8270	2.2	U	ug/L	JMS	1:38 03/18/05
PYRENE ,	EPA 8270	1.9	U	ug/L	JMS	1:38 03/18/05
P-DIMETHYLAMINOAZOBENZENE	EPA 8270	6.0	U	ug/L	JMS	1:38 03/18/05
BUTYLBENZYLPHTHALATE	EPA 8270	2.5	U	ug/L	JMS	1:38 03/18/05
BENZO[A]ANTHRACENE	EPA 8270	3.1	U	ug/L	JMS	1:38 03/18/05
3,3'-DICHLOROBENZIDINE	EPA 8270	3.2	U	ug/L	JMS	1:38 03/18/05
CHRYSENE	EPA 8270	2.5	U	ug/L	JMS	1:38 03/18/05
BIS(2-ETHYLHEXYL)PHTHALATE	EPA 8270	2.5	U	ug/L	JMS	1:38 03/18/05
DI-N-OCTYLPHTHALATE	EPA 8270	2.5	U	ug/L	JMS	1:38 03/18/05
BENZO[B]FLUORANTHENE	EPA 8270	2.5	U	ug/L	JMS	1:38 03/18/05
7,12-DIMETHYLBENZ(A)ANTHRACENE	EPA 8270	5.0	U	ug/L	JMS	1:38 03/18/05
BENZO[K]FLUORANTHENE	EPA 8270	2.5	U	ug/L	JMS	1:38 03/18/05
BENZO[A]PYRENE	EPA 8270	0.1	U	ug/L	JMS	1:38 03/18/05
3-METHYLCHOLANTHRENE	EPA 8270	5.0	U	ug/L	JMS	1:38 03/18/05
INDENO[1,2,3-CD]PYRENE	EPA 8270	3.7	U	ug/L	JMS	1:38 03/18/05
DIBENZ[A,H]ANTHRACENE	EPA 8270	2.5	U	ug/L	JMS	1:38 03/18/05
BENZO[G,H,I]PERYLENE	EPA 8270	4.1	U	ug/L	JMS	1:38 03/18/05
CHLORDANE 8081						
KF03169-02R-1						
CHLORDANE	EPA 8081	0.02	U	ug/L	JPT	7:04 03/22/05



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 863/646-8526

FAX 863/646-1042

CLIENT NAME : MANATEE COUNTY SOLID WASTE
IDENTIFICATION : PHASE I
SITE : LENA RD
TYPE : WATER

Report ID: 0502074060
COLLECTION DATE : 02/18/05
COLLECTION TIME : 10:40
COLLECTED BY : PELA
DATE RECEIVED IN LAB : 02/18/05

PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
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ORGANICS

CHLORINATED PEST IN H2O 8081

KF03169-02R-1							
A-BHC	EPA 8081	0.003	U	ug/L	JPT	7:04	03/22/05
B-BHC	EPA 8081	0.006	U	ug/L	JPT	7:04	03/22/05
G-BHC (LINDANE)	EPA 8081	0.004	U	ug/L	JPT	7:04	03/22/05
D-BHC	EPA 8081	0.009	U	ug/L	JPT	7:04	03/22/05
HEPTACHLOR	EPA 8081	0.003	U	ug/L	JPT	7:04	03/22/05
ALDRIN	EPA 8081	0.004	U	ug/L	JPT	7:04	03/22/05
HEPTACHLOR EPOXIDE	EPA 8081	0.01	U	ug/L	JPT	7:04	03/22/05
ENDOSULFAN-I	EPA 8081	0.014	U	ug/L	JPT	7:04	03/22/05
PP-DDE/DIELDRIN	EPA 8081	0.004	U	ug/L	JPT	7:04	03/22/05
ENDRIN	EPA 8081	0.006	U	ug/L	JPT	7:04	03/22/05
ENDOSULFAN-II	EPA 8081	0.004	U	ug/L	JPT	7:04	03/22/05
P,P-DDD	EPA 8081	0.011	U	ug/L	JPT	7:04	03/22/05
ENDRIN ALDEHYDE	EPA 8081	0.023	U	ug/L	JPT	7:04	03/22/05
ENDOSULFAN SULFATE	EPA 8081	0.030	U	ug/L	JPT	7:04	03/22/05
PP-DDT	EPA 8081	0.012	U	ug/L	JPT	7:04	03/22/05
METHOXYCHLOR	EPA 8081	0.050	U	ug/L	JPT	7:04	03/22/05

HERBICIDES APP II H2O 8151

KF03169-02R-2							
2,4-D	EPA 8151	0.2	U	ug/L	JPT	0:22	03/20/05
SILVEX	EPA 8151	0.1	U	ug/L	JPT	0:22	03/20/05
DINOSEB	EPA 8151	0.2	U	ug/L	JPT	0:22	03/20/05
2,4,5-T	EPA 8151	0.2	U	ug/L	JPT	0:22	03/20/05

PCB'S IN ENV H2O 8082

KF03169-02R-1							
PCB-1016	EPA 8082	0.04	U	ug/L	JPT	7:04	03/22/05
PCB-1221	EPA 8082	0.07	U	ug/L	JPT	7:04	03/22/05
PCB-1232	EPA 8082	0.09	U	ug/L	JPT	7:04	03/22/05
PCB-1242	EPA 8082	0.06	U	ug/L	JPT	7:04	03/22/05
PCB-1248	EPA 8082	0.04	U	ug/L	JPT	7:04	03/22/05
PCB-1254	EPA 8082	0.04	U	ug/L	JPT	7:04	03/22/05
PCB-1260	EPA 8082	0.07	U	ug/L	JPT	7:04	03/22/05

TOXAPHENE 8081

KF03169-02R-1							
TOXAPHENE	EPA 8081	0.2	U	ug/L	JPT	7:04	03/22/05



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 863/646-8526

FAX 863/646-1042

CLIENT NAME : MANATEE COUNTY SOLID WASTE
IDENTIFICATION : PHASE I
SITE : LENA RD
TYPE : WATER

Report ID: 0502074060

COLLECTION DATE : 02/18/05

COLLECTION TIME : 10:40

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 02/18/05

PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
<u>INORGANICS</u>						
KF03170-01I CYANIDE	SM4500CN-E	0.005	0.005U	mg/L	RLG	13:00 03/16/05
KF03170-01P IRON AS FE	EPA 200.7	0.02	15.7	mg/L	SMW	17:42 03/09/05
KF03170-01P MERCURY AS HG	EPA 245.1	0.0001	0.0001 U	mg/L	SMW	14:35 03/11/05
KF03170-01P SODIUM AS NA	EPA 200.7	0.50	122	mg/L	SMW	14:29 03/16/05
KF03170-03S TOTAL PHENOLS	EPA 420.1	0.005	0.019	mg/L	RLG	10:00 02/28/05
KF03170-03R TOTAL SULFIDE AS S	SM 4500-S2F	0.1	0.1U	mg/L	RLG	11:00 02/24/05

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION.



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 863/646-8526

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CLIENT NAME : MANATEE COUNTY SOLID WASTE

IDENTIFICATION : PHASE I

SITE : LENA RD

TYPE : WATER

Report ID: 0502074060

COLLECTION DATE : 02/18/05

COLLECTION TIME : 10:40

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 02/18/05

PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
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ORGANICS

EDB & DBCP/ENVIRON WATER

KF03170-02X-5

ETHYLENE DIBROMIDE

EPA 504.1

0.01

U

ug/L

JPT

23:45 02/28/05

DIBROMCHLORPROPANE

EPA 504.1

0.01

U

ug/L

JPT

23:45 02/28/05

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	Analyst
Sample ID AE04422		Collection Date / Time 02/18/2005 10:40					
Sample Point		Lena Road Leachate Phase I					
Chloride by Ion Chromatography	EPA 300.0	172	mg/L		03/03/2005 21:15	0.020	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	0.040	mg/L		02/18/2005 21:57	0.006	EMM
Ammonia	EPA 350.1	77.3	mg/L		03/02/2005 14:01	0.011	EMM
Total Dissolved Solids	SM 2540 C	966	mg/L		02/24/2005 11:00	5.00	EM/LK
Alkalinity as CaCO3	SM 2320B	785	mg/L		02/23/2005 11:40	0.600	WWC
Sample ID AE04423		Collection Date / Time 02/18/2005 11:08					
Sample Point		Lena Road Leachate Phase II					
Chloride by Ion Chromatography	EPA 300.0	624	mg/L		03/03/2005 21:46	0.020	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	0.016	mg/L	I	02/18/2005 22:28	0.006	EMM
Ammonia	EPA 350.1	178	mg/L		02/22/2005 14:22	0.011	EMM
Total Dissolved Solids	SM 2540 C	2390	mg/L		02/24/2005 11:00	5.00	EM/LK
Alkalinity as CaCO3	SM 2320B	1480	mg/L		02/23/2005 11:40	0.600	WWC



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 863/646-8526

FAX 863/646-1042

CLIENT INFORMATION

Client : MANATEE COUNTY SOLID WASTE
3333 LENA ROAD
BRADENTON FL 34202
Attention : JEFF GOODWIN

Report ID: 0502074060

BILLING INFORMATION

Bill To : MANATEE COUNTY FINANCE DEPT.
ATTN: DARLENE
P.O. BOX 1000
BRADENTON FL 34206

Purchase Order No. :

SAMPLE IDENTIFICATION

IDENTIFICATION : PHASE II
SITE : LENA RD
TYPE : WATER

FIELD PARAMETERS

SPECIFIC CONDUCTANCE : 5259 MICROMHOS
pH : 6.55 STANDARD UNITS
WATER TEMPERATURE : 20.79 DEGREES C
DISSOLVED OXYGEN : 0.60 mg/L
INITIAL WATER LEVEL :
WELL ELEVATION :
FIELD TURBIDITY : 5.50 NTU
FIELD COLOR :
FACILITY GMS # :

COMMENTS

UNIQUE ID#
01B APP2O
01A APP2V
COLOR:YELLOWISH/ LT.GOLDEN
SHEEN:NONE



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CLIENT NAME : MANATEE COUNTY SOLID WASTE
IDENTIFICATION : PHASE II
SITE : LENA RD
TYPE : WATER

Report ID: 0502074060

COLLECTION DATE : 02/18/05

COLLECTION TIME : 11:08

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 02/18/05

PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
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ORGANICS

ACID EXTRACTIBLES IN H2O 8270

KF03171-02T-4

2-CHLOROPHENOL	EPA 8270	3.3	U	ug/L	JMS	2:27	03/18/05
PHENOL	EPA 8270	1.5	U	ug/L	JMS	2:27	03/18/05
2-METHYLPHENOL	EPA 8270	3.5	U	ug/L	JMS	2:27	03/18/05
(3+4)-METHYLPHENOL	EPA 8270	3.5	U	ug/L	JMS	2:27	03/18/05
2-NITROPHENOL	EPA 8270	3.6	U	ug/L	JMS	2:27	03/18/05
2,4-DIMETHYLPHENOL	EPA 8270	2.7	U	ug/L	JMS	2:27	03/18/05
2,4-DICHLOROPHENOL	EPA 8270	2.7	U	ug/L	JMS	2:27	03/18/05
2,6-DICHLOROPHENOL	EPA 8270	5.0	U	ug/L	JMS	2:27	03/18/05
4-CHLORO-3-METHYLPHENOL	EPA 8270	3.0	U	ug/L	JMS	2:27	03/18/05
2,4,6-TRICHLOROPHENOL	EPA 8270	2.7	U	ug/L	JMS	2:27	03/18/05
2,4,5-TRICHLOROPHENOL	EPA 8270	3.9	U	ug/L	JMS	2:27	03/18/05
2,4-DINITROPHENOL	EPA 8270	5.0	U	ug/L	JMS	2:27	03/18/05
4-NITROPHENOL	EPA 8270	2.4	U	ug/L	JMS	2:27	03/18/05
2,3,4,6-TETRACHLOROPHENOL	EPA 8270	5.0	U	ug/L	JMS	2:27	03/18/05
4,6-DINITRO-2-METHYLPHENOL	EPA 8270	9.5	U	ug/L	JMS	2:27	03/18/05
PENTACHLOROPHENOL	EPA 8270	1.5	U	ug/L	JMS	2:27	03/18/05



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PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
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ORGANICS

ADDITIONAL EXT H2O APP II 8270

KF03171-02T-4						
O,O,O-TRIETHYLPHOSPHOROTHIOATE	EPA 8270	30.0	U	ug/L	JMS	2:27 03/18/05
THIONAZIN	EPA 8270	10.0	U	ug/L	JMS	2:27 03/18/05
CIS-DIALATE	EPA 8270	5.0	U	ug/L	JMS	2:27 03/18/05
PHORATE	EPA 8270	3.0	U	ug/L	JMS	2:27 03/18/05
TRANS-DIALATE	EPA 8270	5.0	U	ug/L	JMS	2:27 03/18/05
DIMETHOATE	EPA 8270	5.0	U	ug/L	JMS	2:27 03/18/05
DISULFOTON	EPA 8270	5.0	U	ug/L	JMS	2:27 03/18/05
METHYL PARATHION	EPA 8270	15.0	U	ug/L	JMS	2:27 03/18/05
KEPONE	EPA 8270	30.0	U	ug/L	JMS	2:27 03/18/05
PARATHION(ETHYL)	EPA 8270	15.0	U	ug/L	JMS	2:27 03/18/05
CHLOROBENZILATE	EPA 8270	10.0	U	ug/L	JMS	2:27 03/18/05
FAMFUR	EPA 8270	20.0	U	ug/L	JMS	2:27 03/18/05
KF03171-						
N-NITROSOETHYLMETHYLAMINE	EPA 8270	10.0	U	ug/L	JMS	2:27 03/18/05
N-NITROSODIETHYLAMINE	EPA 8270	10.0	U	ug/L	JMS	2:27 03/18/05
N-NITROSOPYRROLIDINE	EPA 8270	15.0	U	ug/L	JMS	2:27 03/18/05
ORTHO-TOLUIDINE	EPA 8270	10.0	U	ug/L	JMS	2:27 03/18/05
HEXACHLOROPROPENE	EPA 8270	5.0	U	ug/L	JMS	2:27 03/18/05
PARA-PHENYLENEDIAMINE	EPA 8270	10.0	U	ug/L	JMS	2:27 03/18/05
ISOSAFROLE	EPA 8270	5.0	U	ug/L	JMS	2:27 03/18/05
SAFROLE	EPA 8270	7.5	U	ug/L	JMS	2:27 03/18/05
1,4-NAPHTHOQUINONE	EPA 8270	7.5	U	ug/L	JMS	2:27 03/18/05
1,3-DINITROBENZENE	EPA 8270	10.0	U	ug/L	JMS	2:27 03/18/05
5-NITRO-O-TOLUIDINE	EPA 8270	10.0	U	ug/L	JMS	2:27 03/18/05
METHAPYRILENE	EPA 8270	30.0	U	ug/L	JMS	2:27 03/18/05
1,3,5-TRINITROBENZENE	EPA 8270	10.0	U	ug/L	JMS	2:27 03/18/05
ISODRIN	EPA 8270	6.0	U	ug/L	JMS	2:27 03/18/05
2-ACETYLAMINOFLUORENE	EPA 8270	7.5	U	ug/L	JMS	2:27 03/18/05
3,3'-DIMETHYLBENZIDINE	EPA 8270	5.0	U	ug/L	JMS	2:27 03/18/05



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FAX 863/646-1042

CLIENT NAME : MANATEE COUNTY SOLID WASTE
IDENTIFICATION : PHASE II
SITE : LENA RD
TYPE : WATER

Report ID: 0502074060
COLLECTION DATE : 02/18/05
COLLECTION TIME : 11:08
COLLECTED BY : PELA
DATE RECEIVED IN LAB : 02/18/05

PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
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ORGANICS

APPEND II Volatiles-H2O 8260

KF03171-03A						
IODOMETHANE	EPA 8260	0.5	U	ug/L	JMS	12:38 03/02/05
ACETONE	EPA 8260	2.5	U	ug/L	JMS	12:38 03/02/05
ACETONITRILE	EPA 8260	10.0	U	ug/L	JMS	12:38 03/02/05
ALLYL CHLORIDE	EPA 8260	0.5	U	ug/L	JMS	12:38 03/02/05
CARBON DISULFIDE	EPA 8260	4.1	U	ug/L	JMS	12:38 03/02/05
VINYL ACETATE	EPA 8260	10.0	U	ug/L	JMS	12:38 03/02/05
PROPIONITRILE	EPA 8260	10.0	U	ug/L	JMS	12:38 03/02/05
2-BUTANONE	EPA 8260	2.5	U	ug/L	JMS	12:38 03/02/05
METHACRYLONITRILE	EPA 8260	10.0	U	ug/L	JMS	12:38 03/02/05
DIBROMOMETHANE	EPA 8260	0.3	U	ug/L	JMS	12:38 03/02/05
METHYL METHACRYLATE	EPA 8260	0.5	U	ug/L	JMS	12:38 03/02/05
4-METHYL-2-PENTANONE	EPA 8260	2.5	U	ug/L	JMS	12:38 03/02/05
ETHYL METHACRYLATE	EPA 8260	0.5	U	ug/L	JMS	12:38 03/02/05
2-HEXANONE	EPA 8260	2.5	U	ug/L	JMS	12:38 03/02/05
1,1,1,2-TETRACHLOROETHANE	EPA 8260	0.1	U	ug/L	JMS	12:38 03/02/05
STYRENE	EPA 8260	1.0	U	ug/L	JMS	12:38 03/02/05
1,2,3-TRICHLOROPROPANE	EPA 8260	0.3	U	ug/L	JMS	12:38 03/02/05
T-1,4-DICHLORO-2-BUTENE	EPA 8260	10.0	U	ug/L	JMS	12:38 03/02/05
ISOBUTYL ALCOHOL	EPA 8260	10.0	U	ug/L	JMS	12:38 03/02/05
BROMOCHLOROMETHANE	EPA 8260	0.5	U	ug/L	JMS	12:38 03/02/05
CIS 1,2-DICHLOROETHENE	EPA 8260	0.10	U	ug/L	JMS	12:38 03/02/05
1,3-DICHLOROPROPANE	EPA 8260	1.0	U	ug/L	JMS	12:38 03/02/05
2,2-DICHLOROPROPANE	EPA 8260	1.0	U	ug/L	JMS	12:38 03/02/05
1,1-DICHLOROPROPENE	EPA 8260	1.0	U	ug/L	JMS	12:38 03/02/05



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4320 Old Highway 37, Lakeland, Florida 33813

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CLIENT NAME : MANATEE COUNTY SOLID WASTE
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COLLECTION DATE : 02/18/05
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PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
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ORGANICS

APPENDIX II Volatiles-H20 8260

KF03171-

DICHLORODIFLUOROMETHANE	EPA 8260	0.10	U	ug/L	JMS	12:38	03/02/05
CHLOROMETHANE	EPA 8260	0.13	U	ug/L	JMS	12:38	03/02/05
VINYL CHLORIDE	EPA 8260	0.17	2.15	ug/L	JMS	12:38	03/02/05
BROMOMETHANE	EPA 8260	0.11	U	ug/L	JMS	12:38	03/02/05
CHLOROETHANE	EPA 8260	0.10	U	ug/L	JMS	12:38	03/02/05
TRICHLOROFLUOROMETHANE	EPA 8260	0.08	U	ug/L	JMS	12:38	03/02/05
ACROLEIN	EPA 8260	1.70	U	ug/L	JMS	12:38	03/02/05
1,1-DICHLOROETHENE	EPA 8260	0.12	U	ug/L	JMS	12:38	03/02/05
DICHLOROMETHANE	EPA 8260	0.03	U	ug/L	JMS	12:38	03/02/05
TRANS-1,2-DICHLOROETHENE	EPA 8260	0.06	U	ug/L	JMS	12:38	03/02/05
ACRYLONITRILE	EPA 8260	1.50	U	ug/L	JMS	12:38	03/02/05
1,1-DICHLOROETHANE	EPA 8260	0.03	0.43	ug/L	JMS	12:38	03/02/05
TRICHLOROMETHANE	EPA 8260	0.03	U	ug/L	JMS	12:38	03/02/05
1,1,1-TRICHLOROETHANE	EPA 8260	0.04	U	ug/L	JMS	12:38	03/02/05
1,2-DICHLOROETHANE	EPA 8260	0.02	U	ug/L	JMS	12:38	03/02/05
BENZENE	EPA 8260	0.04	2.80	ug/L	JMS	12:38	03/02/05
CARBON TETRACHLORIDE	EPA 8260	0.21	U	ug/L	JMS	12:38	03/02/05
1,2-DICHLOROPROPANE	EPA 8260	0.04	U	ug/L	JMS	12:38	03/02/05
TRICHLOROETHENE	EPA 8260	0.19	U	ug/L	JMS	12:38	03/02/05
BROMODICHLOROMETHANE	EPA 8260	0.08	U	ug/L	JMS	12:38	03/02/05
CHLOROPRENE	EPA 8260	0.03	U	ug/L	JMS	12:38	03/02/05
CIS-1,3-DICHLOROPROPENE	EPA 8260	0.05	U	ug/L	JMS	12:38	03/02/05
TOLUENE	EPA 8260	0.11	0.22	ug/L	JMS	12:38	03/02/05
TRANS-1,3-DICHLOROPROPENE	EPA 8260	0.04	U	ug/L	JMS	12:38	03/02/05
1,1,2-TRICHLOROETHANE	EPA 8260	0.10	U	ug/L	JMS	12:38	03/02/05
DIBROMOCHLOROMETHANE	EPA 8260	0.05	U	ug/L	JMS	12:38	03/02/05
TETRACHLOROETHENE	EPA 8260	0.14	U	ug/L	JMS	12:38	03/02/05
CHLOROBENZENE	EPA 8260	0.04	3.76	ug/L	JMS	12:38	03/02/05
ETHYLBENZENE	EPA 8260	0.06	0.80	ug/L	JMS	12:38	03/02/05
M,P-XYLENES	EPA 8260	0.11	2.89	ug/L	JMS	12:38	03/02/05
TRIBROMOMETHANE	EPA 8260	0.12	U	ug/L	JMS	12:38	03/02/05
O-XYLENE	EPA 8260	0.11	2.11	ug/L	JMS	12:38	03/02/05
1,1,2,2-TETRACHLOROETHANE	EPA 8260	0.04	U	ug/L	JMS	12:38	03/02/05
1,3-DICHLOROBENZENE	EPA 8260	0.12	U	ug/L	JMS	12:38	03/02/05
1,4-DICHLOROBENZENE	EPA 8260	0.03	11.1	ug/L	JMS	12:38	03/02/05
1,2-DICHLOROBENZENE	EPA 8260	0.03	U	ug/L	JMS	12:38	03/02/05

0502074060 - Page 16 of 22



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

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CLIENT NAME : MANATEE COUNTY SOLID WASTE
IDENTIFICATION : PHASE II
SITE : LENA RD
TYPE : WATER

Report ID: 0502074060
COLLECTION DATE : 02/18/05
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COLLECTED BY : PELA
DATE RECEIVED IN LAB : 02/18/05

PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
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ORGANICS

BASENEUTRAL EXTBLs IN H2O 8270

KF03171-02T-4

N-NITROSODIMETHYLAMINE	EPA 8270	10.0	U	ug/L	JMS	2:27	03/18/05
METHYLMETHANESULFONATE	EPA 8270	10.0	U	ug/L	JMS	2:27	03/18/05
ETHYLMETHANESULFONATE	EPA 8270	10.0	U	ug/L	JMS	2:27	03/18/05
BIS(2-CHLOROETHYL)ETHER	EPA 8270	2.5	U	ug/L	JMS	2:27	03/18/05
BENZYL ALCOHOL	EPA 8270	5.0	U	ug/L	JMS	2:27	03/18/05
BIS(2-CHLOROISOPROPYL)ETHER	EPA 8270	5.7	U	ug/L	JMS	2:27	03/18/05
ACETOPHENONE	EPA 8270	5.0	U	ug/L	JMS	2:27	03/18/05
HEXACHLOROETHANE	EPA 8270	1.6	U	ug/L	JMS	2:27	03/18/05
N-NITROSO-DI-N-PROPYLAMINE	EPA 8270	10.0	U	ug/L	JMS	2:27	03/18/05
NITROBENZENE	EPA 8270	1.9	U	ug/L	JMS	2:27	03/18/05
N-NITROSOPIPERIDINE	EPA 8270	10.0	U	ug/L	JMS	2:27	03/18/05
ISOPHORONE	EPA 8270	2.2	U	ug/L	JMS	2:27	03/18/05
BIS(2-CHLOROETHOXY)METHANE	EPA 8270	2.5	U	ug/L	JMS	2:27	03/18/05
1,2,4-TRICHLOROBENZENE	EPA 8270	1.9	U	ug/L	JMS	2:27	03/18/05
NAPHTHALENE	EPA 8270	1.6	U	ug/L	JMS	2:27	03/18/05
4-CHLOROANILINE	EPA 8270	6.0	U	ug/L	JMS	2:27	03/18/05
HEXACHLOROBUTADIENE	EPA 8270	0.9	U	ug/L	JMS	2:27	03/18/05
N-NITROSO-DI-N-BUTYLAMINE	EPA 8270	10.0	U	ug/L	JMS	2:27	03/18/05
2-METHYLNAPHTHALENE	EPA 8270	2.0	U	ug/L	JMS	2:27	03/18/05
1,2,4,5-TETRACHLOROBENZENE	EPA 8270	5.0	U	ug/L	JMS	2:27	03/18/05
HEXACHLOROCYCLOPENTADIENE	EPA 8270	5.0	U	ug/L	JMS	2:27	03/18/05
2-CHLORONAPHTHALENE	EPA 8270	1.9	U	ug/L	JMS	2:27	03/18/05
2-NITROANILINE	EPA 8270	20.0	U	ug/L	JMS	2:27	03/18/05
DIMETHYLPHTHALATE	EPA 8270	1.6	U	ug/L	JMS	2:27	03/18/05
ACENAPHTHYLENE	EPA 8270	2.5	U	ug/L	JMS	2:27	03/18/05
2,6-DINITROTOLUENE	EPA 8270	1.9	U	ug/L	JMS	2:27	03/18/05
ACENAPHTHENE	EPA 8270	1.9	U	ug/L	JMS	2:27	03/18/05
3-NITROANILINE	EPA 8270	20.0	U	ug/L	JMS	2:27	03/18/05
DIBENZOFURAN	EPA 8270	5.0	U	ug/L	JMS	2:27	03/18/05
PENTACHLOROBENZENE	EPA 8270	5.0	U	ug/L	JMS	2:27	03/18/05
2,4-DINITROTOLUENE	EPA 8270	2.2	U	ug/L	JMS	2:27	03/18/05
1-NAPHTHYLAMINE	EPA 8270	10.0	U	ug/L	JMS	2:27	03/18/05
2-NAPHTHYLAMINE	EPA 8270	10.0	U	ug/L	JMS	2:27	03/18/05
DIETHYLPHTHALATE	EPA 8270	1.9	U	ug/L	JMS	2:27	03/18/05
FLUORENE	EPA 8270	1.9	U	ug/L	JMS	2:27	03/18/05
4-CHLOROPHENYL-PHENYLETHER	EPA 8270	4.2	U	ug/L	JMS	2:27	03/18/05

0502074060 - Page 17 of 22



REPORT OF ANALYSIS

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ORGANICS

N-NITROSODIPHENYLAMINE	EPA 8270	1.9	U	ug/L	JMS	2:27 03/18/05
DIPHENYLAMINE	EPA 8270	5.0	U	ug/L	JMS	2:27 03/18/05
4-NITROANILINE	EPA 8270	20.0	U	ug/L	JMS	2:27 03/18/05
4-BROMOPHENYL-PHENYLETHER	EPA 8270	1.9	U	ug/L	JMS	2:27 03/18/05
PHENACETIN	EPA 8270	10.0	U	ug/L	JMS	2:27 03/18/05
HEXACHLOROBENZENE	EPA 8270	1.0	U	ug/L	JMS	2:27 03/18/05
4-AMINOBIIPHENYL	EPA 8270	5.0	U	ug/L	JMS	2:27 03/18/05
PENTACHLORONITROBENZENE	EPA 8270	10.0	U	ug/L	JMS	2:27 03/18/05
PRONAMIDE	EPA 8270	10.0	U	ug/L	JMS	2:27 03/18/05
PHENANTHRENE	EPA 8270	2.5	U	ug/L	JMS	2:27 03/18/05
ANTHRACENE	EPA 8270	1.9	U	ug/L	JMS	2:27 03/18/05
DI-N-BUTYLPHTHALATE	EPA 8270	2.5	U	ug/L	JMS	2:27 03/18/05
FLUORANTHENE	EPA 8270	2.2	U	ug/L	JMS	2:27 03/18/05
PYRENE	EPA 8270	1.9	U	ug/L	JMS	2:27 03/18/05
P-DIMETHYLAMINOAZOBENZENE	EPA 8270	6.0	U	ug/L	JMS	2:27 03/18/05
BUTYLBENZYLPHTHALATE	EPA 8270	2.5	U	ug/L	JMS	2:27 03/18/05
BENZO[A]ANTHRACENE	EPA 8270	3.1	U	ug/L	JMS	2:27 03/18/05
3,3'-DICHLOROBENZIDINE	EPA 8270	3.2	U	ug/L	JMS	2:27 03/18/05
CHRYSENE	EPA 8270	2.5	U	ug/L	JMS	2:27 03/18/05
BIS(2-ETHYLHEXYL)PHTHALATE	EPA 8270	2.5	U	ug/L	JMS	2:27 03/18/05
DI-N-OCTYLPHTHALATE	EPA 8270	2.5	U	ug/L	JMS	2:27 03/18/05
BENZO[B]FLUORANTHENE	EPA 8270	2.5	U	ug/L	JMS	2:27 03/18/05
7,12-DIMETHYLBENZ(A)ANTHRACENE	EPA 8270	5.0	U	ug/L	JMS	2:27 03/18/05
BENZO[K]FLUORANTHENE	EPA 8270	2.5	U	ug/L	JMS	2:27 03/18/05
BENZO[A]PYRENE	EPA 8270	0.1	U	ug/L	JMS	2:27 03/18/05
3-METHYLCHOLANTHRENE	EPA 8270	5.0	U	ug/L	JMS	2:27 03/18/05
INDENO[1,2,3-CD]PYRENE	EPA 8270	3.7	U	ug/L	JMS	2:27 03/18/05
DIBENZ[A,H]ANTHRACENE	EPA 8270	2.5	U	ug/L	JMS	2:27 03/18/05
BENZO[G,H,I]PERYLENE	EPA 8270	4.1	U	ug/L	JMS	2:27 03/18/05

CHLORDANE 8081

KF03171-02R-1

CHLORDANE	EPA 8081	0.02	U	ug/L	JPT	7:55 03/22/05
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REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 863/646-8526

FAX 863/646-1042

CLIENT NAME : MANATEE COUNTY SOLID WASTE
IDENTIFICATION : PHASE II
SITE : LENA RD
TYPE : WATER

Report ID: 0502074060
COLLECTION DATE : 02/18/05
COLLECTION TIME : 11:08
COLLECTED BY : PELA
DATE RECEIVED IN LAB : 02/18/05

PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
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ORGANICS

CHLORINATED PEST IN H2O 8081

KF03171-02R-1						
A-BHC	EPA 8081	0.003	U	ug/L	JPT	7:55 03/22/05
B-BHC	EPA 8081	0.006	U	ug/L	JPT	7:55 03/22/05
G-BHC (LINDANE)	EPA 8081	0.004	U	ug/L	JPT	7:55 03/22/05
D-BHC	EPA 8081	0.009	U	ug/L	JPT	7:55 03/22/05
HEPTACHLOR	EPA 8081	0.003	U	ug/L	JPT	7:55 03/22/05
ALDRIN	EPA 8081	0.004	U	ug/L	JPT	7:55 03/22/05
HEPTACHLOR EPOXIDE	EPA 8081	0.01	U	ug/L	JPT	7:55 03/22/05
ENDOSULFAN-I	EPA 8081	0.014	U	ug/L	JPT	7:55 03/22/05
PP-DDE/DIELDRIN	EPA 8081	0.004	U	ug/L	JPT	7:55 03/22/05
ENDRIN	EPA 8081	0.006	U	ug/L	JPT	7:55 03/22/05
ENDOSULFAN-II	EPA 8081	0.004	U	ug/L	JPT	7:55 03/22/05
P,P-DDD	EPA 8081	0.011	U	ug/L	JPT	7:55 03/22/05
ENDRIN ALDEHYDE	EPA 8081	0.023	U	ug/L	JPT	7:55 03/22/05
ENDOSULFAN SULFATE	EPA 8081	0.030	U	ug/L	JPT	7:55 03/22/05
PP-DDT	EPA 8081	0.012	U	ug/L	JPT	7:55 03/22/05
METHOXYCHLOR	EPA 8081	0.050	U	ug/L	JPT	7:55 03/22/05

HERBICIDES APP II H2O 8151

KF03171-02R-2						
2,4-D	EPA 8151	0.2	U	ug/L	JPT	1:28 03/20/05
SILVEX	EPA 8151	0.1	U	ug/L	JPT	1:28 03/20/05
DINOSEB	EPA 8151	0.2	U	ug/L	JPT	1:28 03/20/05
2,4,5-T	EPA 8151	0.2	U	ug/L	JPT	1:28 03/20/05

PCB'S IN ENV H2O 8082

KF03171-02R-1						
PCB-1016	EPA 8082	0.04	U	ug/L	JPT	7:55 03/22/05
PCB-1221	EPA 8082	0.07	U	ug/L	JPT	7:55 03/22/05
PCB-1232	EPA 8082	0.09	U	ug/L	JPT	7:55 03/22/05
PCB-1242	EPA 8082	0.06	U	ug/L	JPT	7:55 03/22/05
PCB-1248	EPA 8082	0.04	U	ug/L	JPT	7:55 03/22/05
PCB-1254	EPA 8082	0.04	U	ug/L	JPT	7:55 03/22/05
PCB-1260	EPA 8082	0.07	U	ug/L	JPT	7:55 03/22/05

TOXAPHENE 8081

KF03171-02R-1						
TOXAPHENE	EPA 8081	0.2	U	ug/L	JPT	7:55 03/22/05



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CLIENT NAME : MANATEE COUNTY SOLID WASTE
IDENTIFICATION : PHASE II
SITE : LENA RD
TYPE : WATER

Report ID: 0502074060
COLLECTION DATE : 02/18/05
COLLECTION TIME : 11:08
COLLECTED BY : PELA
DATE RECEIVED IN LAB : 02/18/05

PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
-----------	--------	------------------	--------	------	---------	-------------------

INORGANICS

KF03172-01I CYANIDE	SM4500CN-E	0.005	0.005	mg/L	RLG	13:00 03/16/05
KF03172-01P IRON AS FE	EPA 200.7	0.02	9.84	mg/L	SMW	17:39 03/09/05
KF03172-01P MERCURY AS HG	EPA 245.1	0.0001	0.0001 U	mg/L	SMW	14:38 03/11/05
KF03172-01P SODIUM AS NA	EPA 200.7	0.50	415	mg/L	SMW	14:41 03/16/05
KF03172-03S TOTAL PHENOLS	EPA 420.1	0.005	0.026	mg/L	RLG	10:00 02/28/05
KF03172-03R TOTAL SULFIDE AS S	SM 4500-S2F	0.1	0.1U	mg/L	RLG	11:00 02/24/05

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION.



REPORT OF ANALYSIS

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CLIENT NAME : MANATEE COUNTY SOLID WASTE

IDENTIFICATION : PHASE II

SITE : LENA RD

TYPE : WATER

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COLLECTION DATE : 02/18/05

COLLECTION TIME : 11:08

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 02/18/05

PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
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ORGANICS

EDB & DBCP/ENVIRON WATER

KF03172-02X-5

ETHYLENE DIBROMIDE

EPA 504.1

0.01

U

ug/L

JPT

0:18

03/01/05

DIBROMCHLORPROPANE

EPA 504.1

0.01

U

ug/L

JPT

0:18

03/01/05



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PART III ANALYTICAL RESULTS

FACILITY GMS #:

TEST SITE ID # : LENA RD

WELL NAME : PHASE I

CLASSIFICATION OF GROUNDWATER: G II

GROUND WATER ELEVATION (NGVD)

OR (MSL) :

FEET BMP :

Report ID: 0502074060

SAMPLING DATE/TIME : 2/18/05 10:40

REPORT PERIOD (YR/QTR) 2005/1st

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 10:40

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS						
	KF03169-APPENDIX II (COMPLETL	*	N		2/28/05 16:14	Complete	
	KF03169-APPENDIX II (VOLATILES)	*	N		2/28/05 16:14	Complete	

*SUBMERSIBLE OR PERISTALTIC PUMP

** BAILER

	ORGANICS								
	KF03169-02R-1								
39337	a-BHC	*	N	EPA 8081	3/22/05 7:04	U	ug/L	0.003	ug
39330	ALDRIN	*	N	EPA 8081	3/22/05 7:04	U	ug/L	0.004	ug
39338	b-BHC	*	N	EPA 8081	3/22/05 7:04	U	ug/L	0.006	ug
34259	d-BHC	*	N	EPA 8081	3/22/05 7:04	U	ug/L	0.009	ug
34351	ENDOSULFAN SULFATE	*	N	EPA 8081	3/22/05 7:04	U	ug/L	0.030	ug
34361	ENDOSULFAN-I	*	N	EPA 8081	3/22/05 7:04	U	ug/L	0.014	ug
34356	ENDOSULFAN-II	*	N	EPA 8081	3/22/05 7:04	U	ug/L	0.004	ug
39390	ENDRIN	*	N	EPA 8081	3/22/05 7:04	U	ug/L	0.006	ug
34366	ENDRIN ALDEHYDE	*	N	EPA 8081	3/22/05 7:04	U	ug/L	0.023	ug
39782	g-BHC (Lindane)	*	N	EPA 8081	3/22/05 7:04	U	ug/L	0.004	ug
39410	HEPTACHLOR	*	N	EPA 8081	3/22/05 7:04	U	ug/L	0.003	ug
39420	HEPTACHLOR EPOXIDE	*	N	EPA 8081	3/22/05 7:04	U	ug/L	0.01	ug
39480	METHOXYCHLOR	*	N	EPA 8081	3/22/05 7:04	U	ug/L	0.050	ug
39310	p,p-DDD	*	N	EPA 8081	3/22/05 7:04	U	ug/L	0.011	ug
34320	pp-DDE/DIELDRIN	*	N	EPA 8081	3/22/05 7:04	U	ug/L	0.004	ug
39300	pp-DDT	*	N	EPA 8081	3/22/05 7:04	U	ug/L	0.012	ug
	KF03169-02T-4								
39460	Chlorobenzilate	*	N	EPA 8270	3/18/05 1:38	U	ug/L	10.0	ug
09999	cis-Diallate	*	N	EPA 8270	3/18/05 1:38	U	ug/L	5.0	ug
46314	Dimethoate	*	N	EPA 8270	3/18/05 1:38	U	ug/L	5.0	ug
81888	Disulfoton	*	N	EPA 8270	3/18/05 1:38	U	ug/L	5.0	ug
38462	Famfur	*	N	EPA 8270	3/18/05 1:38	U	ug/L	20.0	ug
81281	Kepone	*	N	EPA 8270	3/18/05 1:38	U	ug/L	30.0	ug
39600	Methyl Parathion	*	N	EPA 8270	3/18/05 1:38	U	ug/L	15.0	ug



REPORT OF ANALYSIS

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PART III ANALYTICAL RESULTS

FACILITY GMS #:

TEST SITE ID # : LENA RD

WELL NAME : PHASE I

CLASSIFICATION OF GROUNDWATER: G II

GROUND WATER ELEVATION (NGVD)

OR (MSL) :

FEET BMP :

Report ID: 0502074060

SAMPLING DATE/TIME : 2/18/05 10:40

REPORT PERIOD (YR/QTR) 2005/1st

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 10:40

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
09999	O,O,O-Triethylphosphorothio	*	N	EPA 8270	3/18/05 1:38	U ug/L	30.0 ug
39540	Parathion(ethyl)	*	N	EPA 8270	3/18/05 1:38	U ug/L	15.0 ug
46313	Phorate	*	N	EPA 8270	3/18/05 1:38	U ug/L	3.0 ug
73149	Thionazin	*	N	EPA 8270	3/18/05 1:38	U ug/L	10.0 ug
09999	trans-Diallate	*	N	EPA 8270	3/18/05 1:38	U ug/L	5.0 ug
	KF03169-02T-4						
09999	(3+4)-Methylphenol	*	N	EPA 8270	3/18/05 1:38	U ug/L	3.5 ug
39035	2,3,4,6-Tetrachlorophenol	*	N	EPA 8270	3/18/05 1:38	U ug/L	5.0 ug
81848	2,4,5-Trichlorophenol	*	N	EPA 8270	3/18/05 1:38	U ug/L	3.9 ug
34621	2,4,6-Trichlorophenol	*	N	EPA 8270	3/18/05 1:38	U ug/L	2.7 ug
34601	2,4-Dichlorophenol	*	N	EPA 8270	3/18/05 1:38	U ug/L	2.7 ug
34606	2,4-Dimethylphenol	*	N	EPA 8270	3/18/05 1:38	U ug/L	2.7 ug
34616	2,4-Dinitrophenol	*	N	EPA 8270	3/18/05 1:38	U ug/L	5.0 ug
77981	2,6-Dichlorophenol	*	N	EPA 8270	3/18/05 1:38	U ug/L	5.0 ug
34586	2-Chlorophenol	*	N	EPA 8270	3/18/05 1:38	U ug/L	3.3 ug
77152	2-Methylphenol	*	N	EPA 8270	3/18/05 1:38	U ug/L	3.5 ug
34591	2-Nitrophenol	*	N	EPA 8270	3/18/05 1:38	U ug/L	3.6 ug
30204	4,6-Dinitro-2-methylphenol	*	N	EPA 8270	3/18/05 1:38	U ug/L	9.5 ug
09999	4-Chloro-3-methylphenol	*	N	EPA 8270	3/18/05 1:38	U ug/L	3.0 ug
34646	4-Nitrophenol	*	N	EPA 8270	3/18/05 1:38	U ug/L	2.4 ug
39032	Pentachlorophenol	*	N	EPA 8270	3/18/05 1:38	U ug/L	1.5 ug
34694	Phenol	*	N	EPA 8270	3/18/05 1:38	U ug/L	1.5 ug
	KF03169-						
73653	1,3,5-Trinitrobenzene	*	N	EPA 8270	3/18/05 1:38	U ug/L	10.0 ug
45622	1,3-Dinitrobenzene	*	N	EPA 8270	3/18/05 1:38	U ug/L	10.0 ug
09999	1,4-Naphthoquinone	*	N	EPA 8270	3/18/05 1:38	U ug/L	7.5 ug
82204	2-Acetylaminofluorene	*	N	EPA 8270	3/18/05 1:38	U ug/L	7.5 ug
73319	3,3'-Dimethylbenzidine	*	N	EPA 8270	3/18/05 1:38	U ug/L	5.0 ug
09999	5-Nitro-o-toluidine	*	N	EPA 8270	3/18/05 1:38	U ug/L	10.0 ug
09999	Hexachloropropene	*	N	EPA 8270	3/18/05 1:38	U ug/L	5.0 ug
39430	Isodrin	*	N	EPA 8270	3/18/05 1:38	U ug/L	6.0 ug
09999	Isosafrole	*	N	EPA 8270	3/18/05 1:38	U ug/L	5.0 ug
09999	Methapyrilene	*	N	EPA 8270	3/18/05 1:38	U ug/L	30.0 ug
78200	N-Nitrosodiethylamine	*	N	EPA 8270	3/18/05 1:38	U ug/L	10.0 ug



REPORT OF ANALYSIS

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PART III ANALYTICAL RESULTS

FACILITY GMS #:

TEST SITE ID # : LENA RD

WELL NAME : PHASE I

CLASSIFICATION OF GROUNDWATER: G II

GROUND WATER ELEVATION (NGVD)

OR (MSL) :

FEET BMP :

Report ID: 0502074060

SAMPLING DATE/TIME : 2/18/05 10:40

REPORT PERIOD (YR/QTR) 2005/1st

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 10:40

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
09999	N-Nitrosoethylmethylamine	*	N	EPA 8270	3/18/05	1:38	U	ug/L	10.0	ug
78206	N-Nitrosopyrrolidine	*	N	EPA 8270	3/18/05	1:38	U	ug/L	15.0	ug
77142	ortho-Toluidine	*	N	EPA 8270	3/18/05	1:38	U	ug/L	10.0	ug
09999	para-Phenylenediamine	*	N	EPA 8270	3/18/05	1:38	U	ug/L	10.0	ug
77545	Safrole	*	N	EPA 8270	3/18/05	1:38	U	ug/L	7.5	ug
	KF03169-02T-4									
77734	1,2,4,5-Tetrachlorobenzene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	5.0	ug
34551	1,2,4-Trichlorobenzene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	1.9	ug
73600	1-Naphthylamine	*	N	EPA 8270	3/18/05	1:38	U	ug/L	10.0	ug
34611	2,4-Dinitrotoluene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	2.2	ug
34626	2,6-Dinitrotoluene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	1.9	ug
34501	2-Chloronaphthalene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	1.9	ug
30194	2-Methylnaphthalene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	2.0	ug
82191	2-Naphthylamine	*	N	EPA 8270	3/18/05	1:38	U	ug/L	10.0	ug
30195	2-Nitroaniline	*	N	EPA 8270	3/18/05	1:38	U	ug/L	20.0	ug
34631	3,3'-Dichlorobenzidine	*	N	EPA 8270	3/18/05	1:38	U	ug/L	3.2	ug
09999	3-Methylcholanthrene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	5.0	ug
78300	3-Nitroaniline	*	N	EPA 8270	3/18/05	1:38	U	ug/L	20.0	ug
09999	4-Aminobiphenyl	*	N	EPA 8270	3/18/05	1:38	U	ug/L	5.0	ug
34636	4-Bromophenyl-phenylether	*	N	EPA 8270	3/18/05	1:38	U	ug/L	1.9	ug
09999	4-Chloroaniline	*	N	EPA 8270	3/18/05	1:38	U	ug/L	6.0	ug
34641	4-Chlorophenyl-phenylether	*	N	EPA 8270	3/18/05	1:38	U	ug/L	4.2	ug
30342	4-Nitroaniline	*	N	EPA 8270	3/18/05	1:38	U	ug/L	20.0	ug
73559	7,12-Dimethylbenz(a)anthrac	*	N	EPA 8270	3/18/05	1:38	U	ug/L	5.0	ug
34205	Acenaphthene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	1.9	ug
34205	Acenaphthylene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	2.5	ug
81553	Acetophenone	*	N	EPA 8270	3/18/05	1:38	U	ug/L	5.0	ug
34220	Anthracene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	1.9	ug
34526	Benzo(a)anthracene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	3.1	ug
34247	Benzo(a)pyrene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	0.1	ug
34230	Benzo(b)fluoranthene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	2.5	ug
34521	Benzo(g,h,i)perylene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	4.1	ug
34242	Benzo(k)fluoranthene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	2.5	ug
77147	Benzyl alcohol	*	N	EPA 8270	3/18/05	1:38	U	ug/L	5.0	ug

Page 4 of 9



REPORT OF ANALYSIS

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PART III ANALYTICAL RESULTS

FACILITY GMS #:

TEST SITE ID # : LENA RD

WELL NAME : PHASE I

CLASSIFICATION OF GROUNDWATER: G II

GROUND WATER ELEVATION (NGVD)

OR (MSL) :

FEET BMP :

Report ID: 0502074060

SAMPLING DATE/TIME : 2/18/05 10:40

REPORT PERIOD (YR/QTR) 2005/1st

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 10:40

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE	ANALYSIS TIME	ANALYSIS RESULTS	UNITS	DETECTION LIMITS	UNITS
34278	bis(2-Chloroethoxy)methane	*	N	EPA 8270	3/18/05	1:38	U	ug/L	2.5	ug
34273	bis(2-Chloroethyl)ether	*	N	EPA 8270	3/18/05	1:38	U	ug/L	2.5	ug
34283	bis(2-chloroisopropyl)ether	*	N	EPA 8270	3/18/05	1:38	U	ug/L	5.7	ug
39100	bis(2-Ethylhexyl)phthalate	*	N	EPA 8270	3/18/05	1:38	U	ug/L	2.5	ug
34292	Butylbenzylphthalate	*	N	EPA 8270	3/18/05	1:38	U	ug/L	2.5	ug
34320	Chrysene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	2.5	ug
34596	Di-n-butylphthalate	*	N	EPA 8270	3/18/05	1:38	U	ug/L	2.5	ug
34596	Di-n-octylphthalate	*	N	EPA 8270	3/18/05	1:38	U	ug/L	2.5	ug
34556	Dibenz[a,h]anthracene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	2.5	ug
81302	Dibenzofuran	*	N	EPA 8270	3/18/05	1:38	U	ug/L	5.0	ug
34336	Diethylphthalate	*	N	EPA 8270	3/18/05	1:38	U	ug/L	1.9	ug
34341	Dimethylphthalate	*	N	EPA 8270	3/18/05	1:38	U	ug/L	1.6	ug
77579	Diphenylamine	*	N	EPA 8270	3/18/05	1:38	U	ug/L	5.0	ug
73571	Ethylmethanesulfonate	*	N	EPA 8270	3/18/05	1:38	U	ug/L	10.0	ug
34376	Fluoranthene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	2.2	ug
34381	Fluorene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	1.9	ug
39700	Hexachlorobenzene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	1.0	ug
34391	Hexachlorobutadiene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	0.9	ug
34386	Hexachlorocyclopentadiene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	5.0	ug
34396	Hexachloroethane	*	N	EPA 8270	3/18/05	1:38	U	ug/L	1.6	ug
34403	Indeno[1,2,3-cd]pyrene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	3.7	ug
34408	Isophorone	*	N	EPA 8270	3/18/05	1:38	U	ug/L	2.2	ug
73595	Methylmethanesulfonate	*	N	EPA 8270	3/18/05	1:38	U	ug/L	10.0	ug
78207	N-Nitroso-di-n-butylamine	*	N	EPA 8270	3/18/05	1:38	U	ug/L	10.0	ug
34428	N-Nitroso-di-n-propylamine	*	N	EPA 8270	3/18/05	1:38	U	ug/L	10.0	ug
34438	N-Nitrosodimethylamine	*	N	EPA 8270	3/18/05	1:38	U	ug/L	10.0	ug
34433	n-Nitrosodiphenylamine	*	N	EPA 8270	3/18/05	1:38	U	ug/L	1.9	ug
09999	N-Nitrosopiperidine	*	N	EPA 8270	3/18/05	1:38	U	ug/L	10.0	ug
34696	Naphthalene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	1.6	ug
34447	Nitrobenzene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	1.9	ug
09999	p-Dimethylaminoazobenzene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	6.0	ug
77793	Pentachlorobenzene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	5.0	ug
81316	Pentachloronitrobenzene	*	N	EPA 8270	3/18/05	1:38	U	ug/L	10.0	ug
09999	Phenacetin	*	N	EPA 8270	3/18/05	1:38	U	ug/L	10.0	ug

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REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 863/646-8526

FAX 863/646-1042

PART III ANALYTICAL RESULTS

FACILITY GMS #:

TEST SITE ID # : LENA RD

WELL NAME : PHASE I

CLASSIFICATION OF GROUNDWATER: G II

GROUND WATER ELEVATION (NGVD)

OR (MSL) :

FEET BMP :

Report ID: 0502074060

SAMPLING DATE/TIME : 2/18/05 10:40

REPORT PERIOD (YR/QTR) 2005/1st

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 10:40

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE	ANALYSIS TIME	ANALYSIS RESULTS	UNITS	DETECTION LIMITS	UNITS
34461	Phenanthrene	•	N	EPA 8270	3/18/05	1:38	U	ug/L	2.5	ug
39080	Pronamide	•	N	EPA 8270	3/18/05	1:38	U	ug/L	10.0	ug
34469	Pyrene	•	N	EPA 8270	3/18/05	1:38	U	ug/L	1.9	ug
39356	KF03169-02R-1 CHLORDANE	•	N	EPA 8081	3/22/05	7:04	U	ug/L	0.02	ug
39740	KF03169-02R-2 2,4,5-T	•	N	EPA 8151	3/20/05	0:22	U	ug/L	0.2	ug
39730	2,4-D	•	N	EPA 8151	3/20/05	0:22	U	ug/L	0.2	ug
30191	DINOSEB	•	N	EPA 8151	3/20/05	0:22	U	ug/L	0.2	ug
39760	SILVEX	•	N	EPA 8151	3/20/05	0:22	U	ug/L	0.1	ug
34671	KF03169-02R-1 PCB-1016	•	N	EPA 8082	3/22/05	7:04	U	ug/L	0.04	ug
39488	PCB-1221	•	N	EPA 8082	3/22/05	7:04	U	ug/L	0.07	ug
39492	PCB-1232	•	N	EPA 8082	3/22/05	7:04	U	ug/L	0.09	ug
39496	PCB-1242	•	N	EPA 8082	3/22/05	7:04	U	ug/L	0.06	ug
39500	PCB-1248	•	N	EPA 8082	3/22/05	7:04	U	ug/L	0.04	ug
39504	PCB-1254	•	N	EPA 8082	3/22/05	7:04	U	ug/L	0.04	ug
39508	PCB-1260	•	N	EPA 8082	3/22/05	7:04	U	ug/L	0.07	ug
39400	KF03169-02R-1 TOXAPHENE	•	N	EPA 8081	3/22/05	7:04	U	ug/L	0.2	ug
34506	KF03169- 1,1,1-trichloroethane	•	N	EPA 8260	3/2/05	12:02	U	ug/L	0.04	ug
34516	1,1,2,2-tetrachloroethane	•	N	EPA 8260	3/2/05	12:02	U	ug/L	0.04	ug
34511	1,1,2-trichloroethane	•	N	EPA 8260	3/2/05	12:02	U	ug/L	0.10	ug
34496	1,1-dichloroethane	•	N	EPA 8260	3/2/05	12:02	U	ug/L	0.03	ug
34501	1,1-dichloroethene	•	N	EPA 8260	3/2/05	12:02	U	ug/L	0.12	ug
34536	1,2-dichlorobenzene	•	N	EPA 8260	3/2/05	12:02	U	ug/L	0.03	ug
34531	1,2-dichloroethane	•	N	EPA 8260	3/2/05	12:02	U	ug/L	0.02	ug
34541	1,2-dichloropropane	•	N	EPA 8260	3/2/05	12:02	U	ug/L	0.04	ug
34566	1,3-dichlorobenzene	•	N	EPA 8260	3/2/05	12:02	U	ug/L	0.12	ug
34571	1,4-dichlorobenzene	•	N	EPA 8260	3/2/05	12:02	2.19	ug/L	0.03	ug
34210	Acrolein	•	N	EPA 8260	3/2/05	12:02	U	ug/L	1.70	ug
34215	Acrylonitrile	•	N	EPA 8260	3/2/05	12:02	U	ug/L	1.50	ug
34030	Benzene	•	N	EPA 8260	3/2/05	12:02	0.37	ug/L	0.04	ug

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PART III ANALYTICAL RESULTS

FACILITY GMS #:

TEST SITE ID # : LENA RD

WELL NAME : PHASE I

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GROUND WATER ELEVATION (NGVD)
OR (MSL) :

FEET BMP :

Report ID: 0502074060

SAMPLING DATE/TIME : 2/18/05 10:40

REPORT PERIOD (YR/QTR) 2005/1st

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 10:40

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

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32101	Bromodichloromethane	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.08	u
34413	Bromomethane	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.11	u
32102	Carbon tetrachloride	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.21	u
34301	Chlorobenzene	*	N	EPA 8260	3/2/05	12:02	6.11	ug/L	0.04	u
34311	Chloroethane	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.10	u
34418	Chloromethane	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.13	u
81520	Chloroprene	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.03	u
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.05	u
32105	Dibromochloromethane	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.05	u
34668	Dichlorodifluoromethane	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.10	u
34423	Dichloromethane	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.03	u
34371	Ethylbenzene	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.06	u
81551	m,p-Xylenes	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.11	u
77135	o-Xylene	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.11	u
34475	Tetrachloroethene	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.14	u
34010	Toluene	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.11	u
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.06	u
34699	trans-1,3-dichloropropene	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.04	u
32104	Tribromomethane	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.12	u
39180	Trichloroethene	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.19	u
34488	Trichlorofluoromethane	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.08	u
32106	Trichloromethane	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.03	u
39175	Vinyl Chloride	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.17	u
	KF03169-03A									
77562	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.1	u
77168	1,1-DICHLOROPROPENE	*	N	EPA 8260	3/2/05	12:02	U	ug/L	1.0	u
77443	1,2,3-Trichloropropane	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.3	u
77173	1,3-DICHLOROPROPANE	*	N	EPA 8260	3/2/05	12:02	U	ug/L	1.0	u
77170	2,2-DICHLOROPROPANE	*	N	EPA 8260	3/2/05	12:02	U	ug/L	1.0	u
81595	2-Butanone	*	N	EPA 8260	3/2/05	12:02	U	ug/L	2.5	u
77103	2-Hexanone	*	N	EPA 8260	3/2/05	12:02	U	ug/L	2.5	u
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/2/05	12:02	U	ug/L	2.5	u
81552	Acetone	*	N	EPA 8260	3/2/05	12:02	U	ug/L	2.5	u
76997	Acetonitrile	*	N	EPA 8260	3/2/05	12:02	U	ug/L	10.0	u

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PART III ANALYTICAL RESULTS

FACILITY GMS #:

TEST SITE ID # : LENA RD

WELL NAME : PHASE I

CLASSIFICATION OF GROUNDWATER: G II

GROUND WATER ELEVATION (NGVD)

OR (MSL) :

FEET BMP :

Report ID: 0502074060

SAMPLING DATE/TIME : 2/18/05 10:40

REPORT PERIOD (YR/QTR) 2005/1st

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 10:40

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE	ANALYSIS TIME	ANALYSIS RESULTS	ANALYSIS UNITS	DETECTION LIMITS	DETECTION UNITS
78109	Allyl Chloride	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.5	ug/
73085	Bromochloromethane	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.5	ug/
81309	Carbon Disulfide	*	N	EPA 8260	3/2/05	12:02	U	ug/L	4.1	ug/
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.10	ug/
34536	Dibromomethane	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.3	ug/
09999	Ethyl methacrylate	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.5	ug/
77424	Iodomethane	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.5	ug/
77033	Isobutyl Alcohol	*	N	EPA 8260	3/2/05	12:02	U	ug/L	10.0	ug/
81593	Methacrylonitrile	*	N	EPA 8260	3/2/05	12:02	U	ug/L	10.0	ug/
81597	Methyl methacrylate	*	N	EPA 8260	3/2/05	12:02	U	ug/L	0.5	ug/
77077	Propionitrile	*	N	EPA 8260	3/2/05	12:02	U	ug/L	10.0	ug/
77128	Styrene	*	N	EPA 8260	3/2/05	12:02	U	ug/L	1.0	ug/
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/2/05	12:02	U	ug/L	10.0	ug/
77057	Vinyl Acetate	*	N	EPA 8260	3/2/05	12:02	U	ug/L	10.0	ug/

*SUBMERSIBLE OR PERISTALTIC PUMP

** BAILER



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PART III ANALYTICAL RESULTS

FACILITY GMS #:

TEST SITE ID # : LENA RD

WELL NAME : PHASE I

CLASSIFICATION OF GROUNDWATER: G II

GROUND WATER ELEVATION (NGVD)
OR (MSL) :

FEET BMP :

Report ID: 0502074060

SAMPLING DATE/TIME : 2/18/05 10:40

REPORT PERIOD (YR/QTR) 2005/1st

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 10:40

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE	ANALYSIS TIME	ANALYSIS RESULTS	UNITS	DETECTION LIMITS	UNITS
00720	INORGANICS KF03170-01I CYANIDE	*	N	SM4500C	3/16/05	13:00	0.005U	mg/L	0.005	mg
01045	KF03170-01P IRON AS FE	*	N	EPA 200.7	3/9/05	17:42	15.7	mg/L	0.02	mg
71900	KF03170-01P MERCURY AS HG	*	N	EPA 245.1	3/11/05	14:35	0.0001 U	mg/L	0.0001	mg
00929	KF03170-01P SODIUM AS NA	*	N	EPA 200.7	3/16/05	14:29	122	mg/L	0.50	mg
	KF03170-03R TOTAL SULFIDE AS S	*	N	SM 4500-S	2/24/05	11:00	0.1U	mg/L	0.1	mg
46000	KF03170-03S TOTAL PHENOLS	*	N	EPA 420.1	2/28/05	10:00	0.019	mg/L	0.005	mg

*SUBMERSIBLE OR PERISTALTIC PUMP

** BAILER

	ORGANICS KF03170- EDB & DBCP/EW	*	N		2/28/05	15:59	Complete			
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*SUBMERSIBLE OR PERISTALTIC PUMP

** BAILER

38437	ORGANICS KF03170-02X-5 DIBROMCHLORPROPANE	*	N	EPA 504.1	2/28/05	23:45	U	ug/L	0.01	ug
46369	ETHYLENE DIBROMIDE	*	N	EPA 504.1	2/28/05	23:45	U	ug/L	0.01	ug

*SUBMERSIBLE OR PERISTALTIC PUMP

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FACILITY GMS #:

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CLASSIFICATION OF GROUNDWATER: G II

GROUND WATER ELEVATION (NGVD)

OR (MSL) :

FEET BMP :

Report ID: 0502074060

SAMPLING DATE/TIME : 2/18/05 11:08

REPORT PERIOD (YR/QTR) 2005/1st

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 11:08

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE	ANALYSIS TIME	ANALYSIS RESULTS	UNITS	DETECTION LIMITS	UNITS
	ORGANICS									
	KF03171-APPENDIX II (COMPLETL	*	N		2/28/05	16:14	Complete			
	KF03171-APPENDIX II (VOLATILES)	*	N		2/28/05	16:14	Complete			

*SUBMERSIBLE OR PERISTALTIC PUMP

** BAILER

	ORGANICS									
	KF03171-02R-1									
39337	a-BHC	*	N	EPA 8081	3/22/05	7:55	U	ug/L	0.003	ug
39330	ALDRIN	*	N	EPA 8081	3/22/05	7:55	U	ug/L	0.004	ug
39338	b-BHC	*	N	EPA 8081	3/22/05	7:55	U	ug/L	0.006	ug
34259	d-BHC	*	N	EPA 8081	3/22/05	7:55	U	ug/L	0.009	ug
34351	ENDOSULFAN SULFATE	*	N	EPA 8081	3/22/05	7:55	U	ug/L	0.030	ug
34361	ENDOSULFAN-I	*	N	EPA 8081	3/22/05	7:55	U	ug/L	0.014	ug
34356	ENDOSULFAN-II	*	N	EPA 8081	3/22/05	7:55	U	ug/L	0.004	ug
39390	ENDRIN	*	N	EPA 8081	3/22/05	7:55	U	ug/L	0.006	ug
34366	ENDRIN ALDEHYDE	*	N	EPA 8081	3/22/05	7:55	U	ug/L	0.023	ug
39782	g-BHC (Lindane)	*	N	EPA 8081	3/22/05	7:55	U	ug/L	0.004	ug
39410	HEPTACHLOR	*	N	EPA 8081	3/22/05	7:55	U	ug/L	0.003	ug
39420	HEPTACHLOR EPOXIDE	*	N	EPA 8081	3/22/05	7:55	U	ug/L	0.01	ug
39480	METHOXYCHLOR	*	N	EPA 8081	3/22/05	7:55	U	ug/L	0.050	ug
39310	p,p-DDD	*	N	EPA 8081	3/22/05	7:55	U	ug/L	0.011	ug
34320	pp-DDE/DIELDRIN	*	N	EPA 8081	3/22/05	7:55	U	ug/L	0.004	ug
39300	pp-DDT	*	N	EPA 8081	3/22/05	7:55	U	ug/L	0.012	ug
	KF03171-02T-4									
39460	Chlorobenzilate	*	N	EPA 8270	3/18/05	2:27	U	ug/L	10.0	ug
09999	cis-Diallate	*	N	EPA 8270	3/18/05	2:27	U	ug/L	5.0	ug
46314	Dimethoate	*	N	EPA 8270	3/18/05	2:27	U	ug/L	5.0	ug
81888	Disulfoton	*	N	EPA 8270	3/18/05	2:27	U	ug/L	5.0	ug
38462	Famfur	*	N	EPA 8270	3/18/05	2:27	U	ug/L	20.0	ug
81281	Kepone	*	N	EPA 8270	3/18/05	2:27	U	ug/L	30.0	ug
39600	Methyl Parathion	*	N	EPA 8270	3/18/05	2:27	U	ug/L	15.0	ug



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09999	O,O,O-Triethylphosphorothio	*	N	EPA 8270	3/18/05	2:27	U	ug/L	30.0	u
39540	Parathion(ethyl)	*	N	EPA 8270	3/18/05	2:27	U	ug/L	15.0	u
46313	Phorate	*	N	EPA 8270	3/18/05	2:27	U	ug/L	3.0	u
73149	Thionazin	*	N	EPA 8270	3/18/05	2:27	U	ug/L	10.0	u
09999	trans-Diallate	*	N	EPA 8270	3/18/05	2:27	U	ug/L	5.0	u
	KF03171-02T-4									
09999	(3+4)-Methylphenol	*	N	EPA 8270	3/18/05	2:27	U	ug/L	3.5	u
39035	2,3,4,6-Tetrachlorophenol	*	N	EPA 8270	3/18/05	2:27	U	ug/L	5.0	u
81848	2,4,5-Trichlorophenol	*	N	EPA 8270	3/18/05	2:27	U	ug/L	3.9	u
34621	2,4,6-Trichlorophenol	*	N	EPA 8270	3/18/05	2:27	U	ug/L	2.7	u
34601	2,4-Dichlorophenol	*	N	EPA 8270	3/18/05	2:27	U	ug/L	2.7	u
34606	2,4-Dimethylphenol	*	N	EPA 8270	3/18/05	2:27	U	ug/L	2.7	u
34616	2,4-Dinitrophenol	*	N	EPA 8270	3/18/05	2:27	U	ug/L	5.0	u
77981	2,6-Dichlorophenol	*	N	EPA 8270	3/18/05	2:27	U	ug/L	5.0	u
34586	2-Chlorophenol	*	N	EPA 8270	3/18/05	2:27	U	ug/L	3.3	u
77152	2-Methylphenol	*	N	EPA 8270	3/18/05	2:27	U	ug/L	3.5	u
34591	2-Nitrophenol	*	N	EPA 8270	3/18/05	2:27	U	ug/L	3.6	u
30204	4,6-Dinitro-2-methylphenol	*	N	EPA 8270	3/18/05	2:27	U	ug/L	9.5	u
09999	4-Chloro-3-methylphenol	*	N	EPA 8270	3/18/05	2:27	U	ug/L	3.0	u
34646	4-Nitrophenol	*	N	EPA 8270	3/18/05	2:27	U	ug/L	2.4	u
39032	Pentachlorophenol	*	N	EPA 8270	3/18/05	2:27	U	ug/L	1.5	u
34694	Phenol	*	N	EPA 8270	3/18/05	2:27	U	ug/L	1.5	u
	KF03171-									
73653	1,3,5-Trinitrobenzene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	10.0	u
45622	1,3-Dinitrobenzene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	10.0	u
09999	1,4-Naphthoquinone	*	N	EPA 8270	3/18/05	2:27	U	ug/L	7.5	u
82204	2-Acetylaminofluorene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	7.5	u
73319	3,3'-Dimethylbenzidine	*	N	EPA 8270	3/18/05	2:27	U	ug/L	5.0	u
09999	5-Nitro-o-toluidine	*	N	EPA 8270	3/18/05	2:27	U	ug/L	10.0	u
09999	Hexachloropropene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	5.0	u
39430	Isodrin	*	N	EPA 8270	3/18/05	2:27	U	ug/L	6.0	u
09999	Isosafrole	*	N	EPA 8270	3/18/05	2:27	U	ug/L	5.0	u
09999	Methapyrilene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	30.0	u
78200	N-Nitrosodiethylamine	*	N	EPA 8270	3/18/05	2:27	U	ug/L	10.0	u



REPORT OF ANALYSIS

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PART III ANALYTICAL RESULTS

FACILITY GMS #:

TEST SITE ID # : LENA RD

WELL NAME : PHASE II

CLASSIFICATION OF GROUNDWATER: G II

GROUND WATER ELEVATION (NGVD)

OR (MSL) :

FEET BMP :

Report ID: 0502074060

SAMPLING DATE/TIME : 2/18/05 11:08

REPORT PERIOD (YR/QTR) 2005/1st

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 11:08

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE	ANALYSIS TIME	ANALYSIS RESULTS	ANALYSIS UNITS	DETECTION LIMITS	DETECTION UNITS
09999	N-Nitrosoethylmethylamine	*	N	EPA 8270	3/18/05	2:27	U	ug/L	10.0	ug
78206	N-Nitrosopyrrolidine	*	N	EPA 8270	3/18/05	2:27	U	ug/L	15.0	ug
77142	ortho-Toluidine	*	N	EPA 8270	3/18/05	2:27	U	ug/L	10.0	ug
09999	para-Phenylenediamine	*	N	EPA 8270	3/18/05	2:27	U	ug/L	10.0	ug
77545	Safrole	*	N	EPA 8270	3/18/05	2:27	U	ug/L	7.5	ug
	KF03171-02T-4									
77734	1,2,4,5-Tetrachlorobenzene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	5.0	ug
34551	1,2,4-Trichlorobenzene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	1.9	ug
73600	1-Naphthylamine	*	N	EPA 8270	3/18/05	2:27	U	ug/L	10.0	ug
34611	2,4-Dinitrotoluene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	2.2	ug
34626	2,6-Dinitrotoluene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	1.9	ug
34501	2-Chloronaphthalene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	1.9	ug
30194	2-Methylnaphthalene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	2.0	ug
82191	2-Naphthylamine	*	N	EPA 8270	3/18/05	2:27	U	ug/L	10.0	ug
30195	2-Nitroaniline	*	N	EPA 8270	3/18/05	2:27	U	ug/L	20.0	ug
34631	3,3'-Dichlorobenzidine	*	N	EPA 8270	3/18/05	2:27	U	ug/L	3.2	ug
09999	3-Methylcholanthrene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	5.0	ug
78300	3-Nitroaniline	*	N	EPA 8270	3/18/05	2:27	U	ug/L	20.0	ug
09999	4-Aminobiphenyl	*	N	EPA 8270	3/18/05	2:27	U	ug/L	5.0	ug
34636	4-Bromophenyl-phenylether	*	N	EPA 8270	3/18/05	2:27	U	ug/L	1.9	ug
09999	4-Chloroaniline	*	N	EPA 8270	3/18/05	2:27	U	ug/L	6.0	ug
34641	4-Chlorophenyl-phenylether	*	N	EPA 8270	3/18/05	2:27	U	ug/L	4.2	ug
30342	4-Nitroaniline	*	N	EPA 8270	3/18/05	2:27	U	ug/L	20.0	ug
73559	7,12-Dimethylbenz(a)anthrac	*	N	EPA 8270	3/18/05	2:27	U	ug/L	5.0	ug
34205	Acenaphthene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	1.9	ug
34205	Acenaphthylene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	2.5	ug
81553	Acetophenone	*	N	EPA 8270	3/18/05	2:27	U	ug/L	5.0	ug
34220	Anthracene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	1.9	ug
34526	Benzo[a]anthracene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	3.1	ug
34247	Benzo[a]pyrene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	0.1	ug
34230	Benzo[b]fluoranthene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	2.5	ug
34521	Benzo[g,h,i]perylene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	4.1	ug
34242	Benzo[k]fluoranthene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	2.5	ug
77147	Benzyl alcohol	*	N	EPA 8270	3/18/05	2:27	U	ug/L	5.0	ug

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PART III ANALYTICAL RESULTS

FACILITY GMS #:

TEST SITE ID # : LENA RD

WELL NAME : PHASE II

CLASSIFICATION OF GROUNDWATER: G II

GROUND WATER ELEVATION (NGVD):

OR (MSL) :

FEET BMP :

Report ID: 0502074060

SAMPLING DATE/TIME : 2/18/05 11:08

REPORT PERIOD (YR/QTR) 2005/1st

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 11:08

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE	ANALYSIS TIME	ANALYSIS RESULTS	ANALYSIS UNITS	DETECTION LIMITS	DETECTION UNITS
34278	bis(2-Chloroethoxy)methane	*	N	EPA 8270	3/18/05	2:27	U	ug/L	2.5	ug
34273	bis(2-Chloroethyl)ether	*	N	EPA 8270	3/18/05	2:27	U	ug/L	2.5	ug
34283	bis(2-chloroisopropyl)ether	*	N	EPA 8270	3/18/05	2:27	U	ug/L	5.7	ug
39100	bis(2-Ethylhexyl)phthalate	*	N	EPA 8270	3/18/05	2:27	U	ug/L	2.5	ug
34292	Butylbenzylphthalate	*	N	EPA 8270	3/18/05	2:27	U	ug/L	2.5	ug
34320	Chrysene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	2.5	ug
34596	Di-n-butylphthalate	*	N	EPA 8270	3/18/05	2:27	U	ug/L	2.5	ug
34596	Di-n-octylphthalate	*	N	EPA 8270	3/18/05	2:27	U	ug/L	2.5	ug
34556	Dibenz[a,h]anthracene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	2.5	ug
81302	Dibenzofuran	*	N	EPA 8270	3/18/05	2:27	U	ug/L	5.0	ug
34336	Diethylphthalate	*	N	EPA 8270	3/18/05	2:27	U	ug/L	1.9	ug
34341	Dimethylphthalate	*	N	EPA 8270	3/18/05	2:27	U	ug/L	1.6	ug
77579	Diphenylamine	*	N	EPA 8270	3/18/05	2:27	U	ug/L	5.0	ug
73571	Ethylmethanesulfonate	*	N	EPA 8270	3/18/05	2:27	U	ug/L	10.0	ug
34376	Fluoranthene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	2.2	ug
34381	Fluorene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	1.9	ug
39700	Hexachlorobenzene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	1.0	ug
34391	Hexachlorobutadiene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	0.9	ug
34386	Hexachlorocyclopentadiene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	5.0	ug
34396	Hexachloroethane	*	N	EPA 8270	3/18/05	2:27	U	ug/L	1.6	ug
34403	Indeno[1,2,3-cd]pyrene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	3.7	ug
34408	Isophorone	*	N	EPA 8270	3/18/05	2:27	U	ug/L	2.2	ug
73595	Methylmethanesulfonate	*	N	EPA 8270	3/18/05	2:27	U	ug/L	10.0	ug
78207	N-Nitroso-di-n-butylamine	*	N	EPA 8270	3/18/05	2:27	U	ug/L	10.0	ug
34428	N-Nitroso-di-n-propylamine	*	N	EPA 8270	3/18/05	2:27	U	ug/L	10.0	ug
34438	N-Nitrosodimethylamine	*	N	EPA 8270	3/18/05	2:27	U	ug/L	10.0	ug
34433	n-Nitrosodiphenylamine	*	N	EPA 8270	3/18/05	2:27	U	ug/L	1.9	ug
09999	N-Nitrosopiperidine	*	N	EPA 8270	3/18/05	2:27	U	ug/L	10.0	ug
34696	Naphthalene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	1.6	ug
34447	Nitrobenzene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	1.9	ug
09999	p-Dimethylaminoazobenzene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	6.0	ug
77793	Pentachlorobenzene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	5.0	ug
81316	Pentachloronitrobenzene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	10.0	ug
09999	Phenacetin	*	N	EPA 8270	3/18/05	2:27	U	ug/L	10.0	ug

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PART III ANALYTICAL RESULTS

FACILITY GMS #:

TEST SITE ID # : LENA RD

WELL NAME : PHASE II

CLASSIFICATION OF GROUNDWATER: G II

GROUND WATER ELEVATION (NGVD):

OR (MSL) :

FEET BMP :

Report ID: 0502074060

SAMPLING DATE/TIME : 2/18/05 11:08

REPORT PERIOD (YR/QTR) 2005/1st

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 11:08

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE	ANALYSIS TIME	ANALYSIS RESULTS	UNITS	DETECTION LIMITS	UNITS
34461	Phenanthrene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	2.5	ug
39080	Pronamide	*	N	EPA 8270	3/18/05	2:27	U	ug/L	10.0	ug
34469	Pyrene	*	N	EPA 8270	3/18/05	2:27	U	ug/L	1.9	ug
39356	KF03171-02R-1 CHLORDANE	*	N	EPA 8081	3/22/05	7:55	U	ug/L	0.02	ug
39740	KF03171-02R-2 2,4,5-T	*	N	EPA 8151	3/20/05	1:28	U	ug/L	0.2	ug
39730	2,4-D	*	N	EPA 8151	3/20/05	1:28	U	ug/L	0.2	ug
30191	DINOSEB	*	N	EPA 8151	3/20/05	1:28	U	ug/L	0.2	ug
39760	SILVEX	*	N	EPA 8151	3/20/05	1:28	U	ug/L	0.1	ug
34671	KF03171-02R-1 PCB-1016	*	N	EPA 8082	3/22/05	7:55	U	ug/L	0.04	ug
39488	PCB-1221	*	N	EPA 8082	3/22/05	7:55	U	ug/L	0.07	ug
39492	PCB-1232	*	N	EPA 8082	3/22/05	7:55	U	ug/L	0.09	ug
39496	PCB-1242	*	N	EPA 8082	3/22/05	7:55	U	ug/L	0.06	ug
39500	PCB-1248	*	N	EPA 8082	3/22/05	7:55	U	ug/L	0.04	ug
39504	PCB-1254	*	N	EPA 8082	3/22/05	7:55	U	ug/L	0.04	ug
39508	PCB-1260	*	N	EPA 8082	3/22/05	7:55	U	ug/L	0.07	ug
39400	KF03171-02R-1 TOXAPHENE	*	N	EPA 8081	3/22/05	7:55	U	ug/L	0.2	ug
34506	KF03171- 1,1,1-trichloroethane	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.04	ug
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.04	ug
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.10	ug
34496	1,1-dichloroethane	*	N	EPA 8260	3/2/05	12:38	0.43	ug/L	0.03	ug
34501	1,1-dichloroethene	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.12	ug
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.03	ug
34531	1,2-dichloroethane	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.02	ug
34541	1,2-dichloropropane	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.04	ug
34566	1,3-dichlorobenzene	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.12	ug
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/2/05	12:38	11.1	ug/L	0.03	ug
34210	Acrolein	*	N	EPA 8260	3/2/05	12:38	U	ug/L	1.70	ug
34215	Acrylonitrile	*	N	EPA 8260	3/2/05	12:38	U	ug/L	1.50	ug
34030	Benzene	*	N	EPA 8260	3/2/05	12:38	2.80	ug/L	0.04	ug

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FACILITY GMS #:

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REPORT PERIOD (YR/QTR) 2005/1st

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WELL TYPE :

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32101	Bromodichloromethane	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.08	ug/L
34413	Bromomethane	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.11	ug/L
32102	Carbon tetrachloride	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.21	ug/L
34301	Chlorobenzene	*	N	EPA 8260	3/2/05	12:38	3.76	ug/L	0.04	ug/L
34311	Chloroethane	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.10	ug/L
34418	Chloromethane	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.13	ug/L
81520	Chloroprene	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.03	ug/L
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.05	ug/L
32105	Dibromochloromethane	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.05	ug/L
34668	Dichlorodifluoromethane	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.10	ug/L
34423	Dichloromethane	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.03	ug/L
34371	Ethylbenzene	*	N	EPA 8260	3/2/05	12:38	0.80	ug/L	0.06	ug/L
81551	m,p-Xylenes	*	N	EPA 8260	3/2/05	12:38	2.89	ug/L	0.11	ug/L
77135	o-Xylene	*	N	EPA 8260	3/2/05	12:38	2.11	ug/L	0.11	ug/L
34475	Tetrachloroethene	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.14	ug/L
34010	Toluene	*	N	EPA 8260	3/2/05	12:38	0.22	ug/L	0.11	ug/L
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.06	ug/L
34699	trans-1,3-dichloropropene	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.04	ug/L
32104	Tribromomethane	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.12	ug/L
39180	Trichloroethene	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.19	ug/L
34488	Trichlorofluoromethane	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.08	ug/L
32106	Trichloromethane	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.03	ug/L
39175	Vinyl Chloride	*	N	EPA 8260	3/2/05	12:38	2.15	ug/L	0.17	ug/L
KF03171-03A										
77562	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.1	ug/L
77168	1,1-DICHLOROPROPENE	*	N	EPA 8260	3/2/05	12:38	U	ug/L	1.0	ug/L
77443	1,2,3-Trichloropropane	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.3	ug/L
77173	1,3-DICHLOROPROPANE	*	N	EPA 8260	3/2/05	12:38	U	ug/L	1.0	ug/L
77170	2,2-DICHLOROPROPANE	*	N	EPA 8260	3/2/05	12:38	U	ug/L	1.0	ug/L
81595	2-Butanone	*	N	EPA 8260	3/2/05	12:38	U	ug/L	2.5	ug/L
77103	2-Hexanone	*	N	EPA 8260	3/2/05	12:38	U	ug/L	2.5	ug/L
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/2/05	12:38	U	ug/L	2.5	ug/L
81552	Acetone	*	N	EPA 8260	3/2/05	12:38	U	ug/L	2.5	ug/L
76997	Acetonitrile	*	N	EPA 8260	3/2/05	12:38	U	ug/L	10.0	ug/L

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REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

PART III ANALYTICAL RESULTS

FACILITY GMS #:

TEST SITE ID # : LENA RD

WELL NAME : PHASE II

CLASSIFICATION OF GROUNDWATER: G II

GROUND WATER ELEVATION (NGVD)

OR (MSL) :

FEET BMP :

Report ID: 0502074060

SAMPLING DATE/TIME : 2/18/05 11:08

REPORT PERIOD (YR/QTR) 2005/1st

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 11:08

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS		ANALYSIS		DETECTION	
					DATE	TIME	RESULTS	UNITS	LIMITS	UNITS
78109	Allyl Chloride	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.5	ug
73085	Bromochloromethane	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.5	ug
81309	Carbon Disulfide	*	N	EPA 8260	3/2/05	12:38	U	ug/L	4.1	ug
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.10	ug
34536	Dibromomethane	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.3	ug
09999	Ethyl methacrylate	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.5	ug
77424	Iodomethane	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.5	ug
77033	Isobutyl Alcohol	*	N	EPA 8260	3/2/05	12:38	U	ug/L	10.0	ug
81593	Methacrylonitrile	*	N	EPA 8260	3/2/05	12:38	U	ug/L	10.0	ug
81597	Methyl methacrylate	*	N	EPA 8260	3/2/05	12:38	U	ug/L	0.5	ug
77077	Propionitrile	*	N	EPA 8260	3/2/05	12:38	U	ug/L	10.0	ug
77128	Styrene	*	N	EPA 8260	3/2/05	12:38	U	ug/L	1.0	ug
49263	1,1,4-Dichloro-2-butene	*	N	EPA 8260	3/2/05	12:38	U	ug/L	10.0	ug
77057	Vinyl Acetate	*	N	EPA 8260	3/2/05	12:38	U	ug/L	10.0	ug

*SUBMERSIBLE OR PERISTALTIC PUMP

** BAILER



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

PART III ANALYTICAL RESULTS

FACILITY GMS #:

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WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 11:08

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS	UNITS	DETECTION LIMITS	UNITS
00720	INORGANICS KF03172-01I CYANIDE	•	N	SM4500C	3/16/05 13:00	0.005	mg/L	0.005	mg
01045	KF03172-01P IRON AS FE	•	N	EPA 200.7	3/9/05 17:39	9.84	mg/L	0.02	mg
71900	KF03172-01P MERCURY AS HG	•	N	EPA 245.1	3/11/05 14:38	0.0001 U	mg/L	0.0001	mg
00929	KF03172-01P SODIUM AS NA	•	N	EPA 200.7	3/16/05 14:41	415	mg/L	0.50	mg
	KF03172-03R TOTAL SULFIDE AS S	•	N	SM 4500-S	2/24/05 11:00	0.1U	mg/L	0.1	mg
46000	KF03172-03S TOTAL PHENOLS	•	N	EPA 420.1	2/28/05 10:00	0.026	mg/L	0.005	mg

*SUBMERSIBLE OR PERISTALTIC PUMP

** BAILER

	ORGANICS KF03172- EDB & DBCP/EW	•	N		2/28/05 15:59	Complete			
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*SUBMERSIBLE OR PERISTALTIC PUMP

** BAILER

38437	ORGANICS KF03172-02X-5 DIBROMCHLORPROPANE	•	N	EPA 504.1	3/1/05 0:18	U	ug/L	0.01	ug/
46369	ETHYLENE DIBROMIDE	•	N	EPA 504.1	3/1/05 0:18	U	ug/L	0.01	ug/

*SUBMERSIBLE OR PERISTALTIC PUMP

** BAILER

ADDRESS:

CHAIN OF CUSTODY

ADDRESS:

74060

[illegible]

FOR PELA LABORATORY USE ONLY

LABORATORY REMARKS

RECEIVED FOR LAB

DATE _____

TIME

WORK ORDER

入世

ATTN: _____
CLIENT: MARTIN
ADDRESS: _____

CHAIN OF CUSTODY

ATTN: _____
CLIENT: _____
ADDRESS: _____

74061

[illegible]

FOR PEELAB LABORATORY USE ONLY

LABORATORY REMARKS

RECEIVED FOR LAB

DATE

TIME

WORK ORDER#



ATTN: _____
CLIENT: Al. J. C.
ADDRESS: _____

CHAIN OF CUSTODY

ATTN: _____
CLIENT: _____
ADDRESS: _____

74062

PROJECT NAME		PROJECT LOCATION		REQUIRED ANALYSIS										PAGE		OF									
PROJECT NO.		PURCHASE ORDER NO.		TYPE: (W)WATER (S)SOIL (O)OTHER	Cl		NO ₃		NH ₄		As ³⁺ Fe ³⁺ + Color		Sheet		FIELD PARAMETERS										
PROJECT CONTACT		PROJECT TEL. NO.			NUMBER OF CONTAINERS / CONTAINER SIZE & TYPE / PRESERVATIVE										SC (umhos/cm)	pH	TEMP (°C)	D.O.							
SAMPLER NAME(S)		SAMPLE IDENTIFICATION			CONTAINER TYPES: (P)PLASTIC (G)GLASS (O)OTHER PRESERVATIVES: (S)SODIUM HYDROXIDE (Su)LFURIC (N)NITRIC (H)HYDROCHLORIC (I)ICED (O)OTHER																				
DATE		TIME		SAMPLE IDENTIFICATION		1		1		1		1		1		223		6.42		22.34		6.72		141	
DATE		TIME		SAMPLE IDENTIFICATION		"		"		"		"		"		223		6.55		20.49		6.60		5.60	
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FOR PELA LABORATORY USE ONLY

LABORATORY REMARKS

RECEIVED FOR LAB

DATE _____

TIME

WORK ORDER