SEVERN TRENT STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stlinc.com

ANALYTICAL REPORT

URENCO Project

Lot #: D4D030176

Purchase Order 018511-0403003

Frank Bellini/Carl Jackson

Lockwood Greene
1500 International Drive
Spartanburg, SC 29304

STL DENVER

Gail DeRuzzo
Project Manager

April 29, 2004

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Standard Deliverables

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Lot #: D4D030176

Case Narrative

Enclosed is the report for eight samples received at STL's Denver laboratory on April 3, 2004. The results included in this report have been reviewed for compliance with STL Denver's Laboratory Quality Manual. The test results shown in this report meet all requirements of NELAC and any exceptions are noted below.

Dilution factors and footnotes have been provided to assist in the interpretation of the results. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interferences or analytes present at concentrations above the linear calibration curve, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. A summary of quality control parameters is provided below.

Quality Control Summary for Lot D4D030176

Sample Receiving

- The cooler temperature upon receipt at the Denver laboratory was 2.3° C.
- All sample bottles were received in acceptable condition.

Holding Times

- All holding times were met.

Method Blanks

- The analytes Acetone, Naphthalene, and Toluene by Method 8260B were detected in the Method Blank below the established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.
- All other Method Blanks were within established control limits.

Laboratory Control Samples

- The LCS and LCSD recoveries were above the upper control limits for all compounds except for the Demeton LCSD by Method 8141A. In addition the relative percent difference (RPD) was outside control limits for Demeton (total). The associated sample results are still considered valid because none of the target compounds were detected.
- The LCS recovery was above the upper control limit for 2,4-D by Method 8151A at 93%. In addition the surrogate recovery for DCAA was above the upper control limit for the LCS. The associated sample results are still considered valid because 2,4-D was not detected.
- All other Laboratory Control Samples were within established control limits.

Lot #: D4D030176

Matrix Spike (MS) and Matrix Spike Duplicate (MSD)

- The Matrix Spike and Matrix Spike Duplicate recoveries were outside control limits for all compounds except Ethyl parathion by Method 8141A; for all compounds in the MS by Method 8151A; and for Arsenic, Lead, Selenium, and Silver in the MS by Method 6010B. The RPD was outside control limits for all Method 6010B metals except Chromium. In addition the surrogate recovery of DCAA was outside control limits in the MS by Method 8151A. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference.

- The MS/MSD recoveries, surrogate recoveries, and RPD could not be determined for Methods 8270C and 8081A because of the dilutions performed on the samples.

- All other MS and MSD samples were within established control limits.

Organics

- The relative percent difference between the primary and confirmation columns exceeded 40% for 4,4'-DDD in samples SS-6, SS-9, SS-11, and SS-12. The lower of the two results is reported.

- Samples SS-13, SS-15, and SS-16 were analyzed at a dilution for Pesticides by Method 8081A due to the presence of interfering, non-target compounds. Continuing Calibration Verification (CCV) standards for 4,4'-DDT and Methoxychlor failed when these samples were run without dilution. Therefore, it was necessary to analyze with dilution to obtain passing QC samples. The reporting limits were raised according to the dilution level. As a result of the dilutions, the surrogate recoveries could not be determined.

- The surrogate recoveries for DCAA in samples SS-13 and SS-15 were above the upper control limit in Method 8151A. The sample results are still considered valid because no target analytes were detected.

- The internal standard recoveries for 1,4-Dichlorobenzene-d4 were outside control limits for sample SS-6 and the MS/MSD performed on this sample by Method 8260B. Because the failed recoveries were confirmed repeatedly on sample SS-6, matrix effects are confirmed.

- The Continuing Calibration Verification (CCV) standards for Demeton-S, O,O,O-Triethylphosphorothioate, Dichlorvos, Azinphos-methyl, Mevinphos, Dimethoate, Malathion, Tetrachlorvinphos, and Naled by Method 8141A exceeded the percent difference limits in various runs and columns. However, the overall mean percent difference is within control limits, therefore, the CCV is also in control and no corrective action was necessary. Additionally, the associated samples were non-detect.

- The Continuing Calibration Verification (CCV) standards for Dichloroprop, MCPP, DCAA, Dicamba, Dinoseb, MCPA, and 2,4-DB by Method 8151A exceeded the percent difference limits in various runs and columns. However, the overall mean percent difference is within control limits, therefore, the CCV is also in control and no corrective action was necessary. Additionally, the associated samples were non-detect.

- The Continuing Calibration Verification (CCV) standards for Heptachlor, 4,4'-DDE, Endrin, 4,4'-DDD, 4,4'-DDT, DCB, Methoxychlor, Endosulfan I, Endrin aldehyde, Endosulfan sulfate, and delta-BHC by Method 8081A exceeded the percent difference limits in various runs and columns. However, the overall mean percent difference is within control limits, therefore, the CCV is also in control and no corrective action was necessary. Additionally, the associated samples were non-detect below the reporting limit.

EXECUTIVE SUMMARY - Detection Highlights

D4D030176

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SS-2 04/01/04 12:30 001				
Arsenic	0.76 B	1.0	mg/kg	SW846 6010B
Lead	2.8	0.81	mg/kg	SW846 6010B
Barium	22	1.0	mg/kg	SW846 6010B
Chromium	5.9	1.0	mg/kg	SW846 6010B
Silver	0.099 B	1.0	mg/kg	SW846 6010B
Acetone	4.2 J,B	20	ug/kg	SW846 8260B
Xylenes (total)	0.93 J	5.1	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	0.30 J	5.1	ug/kg	SW846 8260B
m-Xylene & p-Xylene	0.56 J	2.5	ug/kg	SW846 8260B
o-Xylene	0.37 J	2.5	ug/kg	SW846 8260B
Percent Moisture	1.6	0.10	%	MCAWW 160.3 MOD
SS-6 04/01/04 10:40 002				
4,4'-DDD	0.44	1.7	ug/kg	SW846 8081A
	Qualifiers: J,COL			
Arsenic	0.76 B	1.0	mg/kg	SW846 6010B
Lead	2.2	0.81	mg/kg	SW846 6010B
Barium	15	1.0	mg/kg	SW846 6010B
Chromium	3.1	1.0	mg/kg	SW846 6010B
Silver	0.10 B	1.0	mg/kg	SW846 6010B
Acetone	5.6 J,B	20	ug/kg	SW846 8260B
Xylenes (total)	1.0 J	5.1	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	0.33 J	5.1	ug/kg	SW846 8260B
m-Xylene & p-Xylene	0.73 J	2.5	ug/kg	SW846 8260B
o-Xylene	0.28 J	2.5	ug/kg	SW846 8260B
Percent Moisture	1.3	0.10	%	MCAWW 160.3 MOD
SS-9 04/01/04 15:15 003				
4,4'-DDD	0.39	1.7	ug/kg	SW846 8081A
	Qualifiers: J,COL			
Lead	3.3	0.81	mg/kg	SW846 6010B
Barium	53	1.0	mg/kg	SW846 6010B
Chromium	3.4	1.0	mg/kg	SW846 6010B
Silver	0.085 B	1.0	mg/kg	SW846 6010B
Acetone	3.9 J,B	20	ug/kg	SW846 8260B
Xylenes (total)	0.72 J	5.1	ug/kg	SW846 8260B
o-Xylene	0.32 J	2.5	ug/kg	SW846 8260B
Fluoride	1.0 B	10	mg/kg	SW846 9056
Percent Moisture	1.2	0.10	%	MCAWW 160.3 MOD

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EXECUTIVE SUMMARY - Detection Highlights

D4D030176

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SS-11 04/01/04 10:00 004				
4,4'-DDD	0.79	1.7	ug/kg	SW846 8081A
	Qualifiers: J,COL			
Arsenic	0.89 B	1.0	mg/kg	SW846 6010B
Lead	2.8	0.81	mg/kg	SW846 6010B
Barium	19	1.0	mg/kg	SW846 6010B
Chromium	3.4	1.0	mg/kg	SW846 6010B
Silver	0.11 B	1.0	mg/kg	SW846 6010B
Acetone	3.8 J,B	20	ug/kg	SW846 8260B
Xylenes (total)	0.73 J	5.1	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	0.23 J	5.1	ug/kg	SW846 8260B
m-Xylene & p-Xylene	0.43 J	2.5	ug/kg	SW846 8260B
o-Xylene	0.30 J	2.5	ug/kg	SW846 8260B
Fluoride	1.2 B	10	mg/kg	SW846 9056
Percent Moisture	1.3	0.10	%	MCAWW 160.3 MOD
SS-12 04/01/04 15:40 005				
4,4'-DDD	0.65	1.7	ug/kg	SW846 8081A
	Qualifiers: J,COL			
Arsenic	0.77 B	1.0	mg/kg	SW846 6010B
Lead	2.7	0.81	mg/kg	SW846 6010B
Barium	19	1.0	mg/kg	SW846 6010B
Chromium	3.5	1.0	mg/kg	SW846 6010B
Silver	0.10 B	1.0	mg/kg	SW846 6010B
Xylenes (total)	1.6 J	5.1	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	0.45 J	5.1	ug/kg	SW846 8260B
m-Xylene & p-Xylene	1.1 J	2.5	ug/kg	SW846 8260B
o-Xylene	0.50 J	2.5	ug/kg	SW846 8260B
Percent Moisture	1.5	0.10	%	MCAWW 160.3 MOD
SS-13 04/01/04 16:10 006				
Lead	2.6	0.81	mg/kg	SW846 6010B
Barium	16	1.0	mg/kg	SW846 6010B
Chromium	3.0	1.0	mg/kg	SW846 6010B
Xylenes (total)	1.1 J	5.1	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	0.38 J	5.1	ug/kg	SW846 8260B
m-Xylene & p-Xylene	0.82 J	2.5	ug/kg	SW846 8260B
o-Xylene	0.31 J	2.5	ug/kg	SW846 8260B
Percent Moisture	1.1	0.10	%	MCAWW 160.3 MOD

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EXECUTIVE SUMMARY - Detection Highlights

D4D030176

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SS-15 04/01/04 13:10 007				
Lead	2.5	0.81	mg/kg	SW846 6010B
Barium	17	1.0	mg/kg	SW846 6010B
Chromium	3.1	1.0	mg/kg	SW846 6010B
Silver	0.10 B	1.0	mg/kg	SW846 6010B
Xylenes (total)	1.1 J	5.1	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	0.35 J	5.1	ug/kg	SW846 8260B
m-Xylene & p-Xylene	0.78 J	2.5	ug/kg	SW846 8260B
o-Xylene	0.31 J	2.5	ug/kg	SW846 8260B
Fluoride	1.0 B	10	mg/kg	SW846 9056
Percent Moisture	1.2	0.10	%	MCAWW 160.3 MOD
SS-16 04/01/04 14:40 008				
Arsenic	0.96 B	1.0	mg/kg	SW846 6010B
Lead	2.9	0.81	mg/kg	SW846 6010B
Barium	24	1.0	mg/kg	SW846 6010B
Chromium	3.7	1.0	mg/kg	SW846 6010B
Silver	0.11 B	1.0	mg/kg	SW846 6010B
Xylenes (total)	1.4 J	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	0.48 J	5.0	ug/kg	SW846 8260B
m-Xylene & p-Xylene	0.99 J	2.5	ug/kg	SW846 8260B
o-Xylene	0.44 J	2.5	ug/kg	SW846 8260B
Naphthalene	0.69 J,B	5.0	ug/kg	SW846 8260B
Percent Moisture	0.81	0.10	%	MCAWW 160.3 MOD

METHOD / ANALYST SUMMARY

D4D030176

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 160.3 MOD	Jean Carrier	008763
SW846 6010B	Lynn-Anne Trudell	6645
SW846 7471A	Kacey Ono	003371
SW846 8081A	Mike Dobransky	008777
SW846 8141A	Sonya Dacar	011595
SW846 8151A	Heather Dybas	038161
SW846 8260B	Dan Appelhans	001008
SW846 8270C	Rwanda Todea	005716
SW846 9056	Andrita Scofield	004409

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D4D030176

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
GDHQL	001	SS-2	04/01/04	12:30
GDHQX	002	SS-6	04/01/04	10:40
GDHQ0	003	SS-9	04/01/04	15:15
GDHQ1	004	SS-11	04/01/04	10:00
GDHQ2	005	SS-12	04/01/04	15:40
GDHQ3	006	SS-13	04/01/04	16:10
GDHQ4	007	SS-15	04/01/04	13:10
GDHQ5	008	SS-16	04/01/04	14:40

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

METHODS SUMMARY

D4D030176

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Chlorinated Herbicides by GC	SW846 8151A	SW846 8151A
Fluoride	SW846 9056	SW846 9056
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
Organochlorine Pesticides	SW846 8081A	SW846 3550
Organophosphorous Compounds by GC	SW846 8141A	
Percent Moisture	MCAWW 160.3 MOD	MCAWW 160.3 MOD
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3550B
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

LOCKWOOD GREENE

Client Sample ID: SS-2

GC/MS Volatiles

Lot-Sample #...: D4D030176-001 Work Order #...: GDHQL1AA Matrix.....: SOLID
Date Sampled...: 04/01/04 12:30 Date Received..: 04/03/04
Prep Date.....: 04/12/04 Analysis Date..: 04/12/04
Prep Batch #...: 4104274 Analysis Time..: 13:46
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	4.2 J,B	20	ug/kg
Benzene	ND	5.1	ug/kg
Bromodichloromethane	ND	5.1	ug/kg
Bromoform	ND	5.1	ug/kg
Bromomethane	ND	10	ug/kg
2-Butanone (MEK)	ND	20	ug/kg
Carbon tetrachloride	ND	5.1	ug/kg
Chlorobenzene	ND	5.1	ug/kg
Chloroethane	ND	10	ug/kg
Chloroform	ND	10	ug/kg
Chloromethane	ND	10	ug/kg
Dibromomethane	ND	5.1	ug/kg
1,2-Dibromoethane (EDB)	ND	5.1	ug/kg
1,2-Dichlorobenzene	ND	5.1	ug/kg
1,3-Dichlorobenzene	ND	5.1	ug/kg
1,4-Dichlorobenzene	ND	5.1	ug/kg
Dichlorodifluoromethane	ND	10	ug/kg
1,1-Dichloroethane	ND	5.1	ug/kg
1,2-Dichloroethane	ND	5.1	ug/kg
1,1-Dichloroethene	ND	5.1	ug/kg
1,2-Dichloroethene (total)	ND	5.1	ug/kg
cis-1,2-Dichloroethene	ND	2.5	ug/kg
trans-1,2-Dichloroethene	ND	2.5	ug/kg
1,2-Dichloropropane	ND	5.1	ug/kg
cis-1,3-Dichloropropene	ND	5.1	ug/kg
trans-1,3-Dichloropropene	ND	5.1	ug/kg
Ethylbenzene	ND	5.1	ug/kg
2-Hexanone	ND	20	ug/kg
Methylene chloride	ND	5.1	ug/kg
4-Methyl-2-pentanone	ND	20	ug/kg
Styrene	ND	5.1	ug/kg
1,1,1,2-Tetrachloroethane	ND	5.1	ug/kg
1,1,2,2-Tetrachloroethane	ND	5.1	ug/kg
Tetrachloroethene	ND	5.1	ug/kg
Toluene	ND	5.1	ug/kg
1,2,4-Trichloro-benzene	ND	5.1	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-2

GC/MS Volatiles

Lot-Sample #...: D4D030176-001 Work Order #...: GDHQL1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.1	ug/kg
1,1,2-Trichloroethane	ND	5.1	ug/kg
Trichloroethene	ND	5.1	ug/kg
Trichlorofluoromethane	ND	10	ug/kg
1,2,3-Trichloropropane	ND	5.1	ug/kg
Vinyl chloride	ND	5.1	ug/kg
Xylenes (total)	0.93 J	5.1	ug/kg
n-Butylbenzene	ND	5.1	ug/kg
sec-Butylbenzene	ND	5.1	ug/kg
Isopropylbenzene	ND	5.1	ug/kg
1,2,4-Trimethylbenzene	0.30 J	5.1	ug/kg
1,3,5-Trimethylbenzene	ND	5.1	ug/kg
n-Propylbenzene	ND	5.1	ug/kg
tert-Butylbenzene	ND	5.1	ug/kg
Dibromochloromethane	ND	5.1	ug/kg
2-Chlorotoluene	ND	5.1	ug/kg
4-Chlorotoluene	ND	5.1	ug/kg
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/kg
1,3-Dichloropropane	ND	5.1	ug/kg
2,2-Dichloropropane	ND	5.1	ug/kg
1,1-Dichloropropene	ND	5.1	ug/kg
Hexachlorobutadiene	ND	5.1	ug/kg
4-Isopropyltoluene	ND	5.1	ug/kg
Methyl tert-butyl ether	ND	20	ug/kg
1,2,3-Trichlorobenzene	ND	5.1	ug/kg
m-Xylene & p-Xylene	0.56 J	2.5	ug/kg
o-Xylene	0.37 J	2.5	ug/kg
Bromobenzene	ND	5.1	ug/kg
Bromochloromethane	ND	5.1	ug/kg
Naphthalene	ND	5.1	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(71 - 136)
1,2-Dichloroethane-d4	102	(67 - 131)
4-Bromofluorobenzene	93	(71 - 124)
Toluene-d8	96	(77 - 129)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

LOCKWOOD GREENE

Client Sample ID: SS-6

GC/MS Volatiles

Lot-Sample #...: D4D030176-002 Work Order #...: GDHQX1AA Matrix.....: SOLID
Date Sampled...: 04/01/04 10:40 Date Received..: 04/03/04
Prep Date.....: 04/12/04 Analysis Date..: 04/12/04
Prep Batch #...: 4104274 Analysis Time..: 14:09
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	5.6 J,B	20	ug/kg
Benzene	ND	5.1	ug/kg
Bromodichloromethane	ND	5.1	ug/kg
Bromoform	ND	5.1	ug/kg
Bromomethane	ND	10	ug/kg
2-Butanone (MEK)	ND	20	ug/kg
Carbon tetrachloride	ND	5.1	ug/kg
Chlorobenzene	ND	5.1	ug/kg
Chloroethane	ND	10	ug/kg
Chloroform	ND	10	ug/kg
Chloromethane	ND	10	ug/kg
Dibromomethane	ND	5.1	ug/kg
1,2-Dibromoethane (EDB)	ND	5.1	ug/kg
1,2-Dichlorobenzene	ND	5.1	ug/kg
1,3-Dichlorobenzene	ND	5.1	ug/kg
1,4-Dichlorobenzene	ND	5.1	ug/kg
Dichlorodifluoromethane	ND	10	ug/kg
1,1-Dichloroethane	ND	5.1	ug/kg
1,2-Dichloroethane	ND	5.1	ug/kg
1,1-Dichloroethene	ND	5.1	ug/kg
1,2-Dichloroethene (total)	ND	5.1	ug/kg
cis-1,2-Dichloroethene	ND	2.5	ug/kg
trans-1,2-Dichloroethene	ND	2.5	ug/kg
1,2-Dichloropropane	ND	5.1	ug/kg
cis-1,3-Dichloropropene	ND	5.1	ug/kg
trans-1,3-Dichloropropene	ND	5.1	ug/kg
Ethylbenzene	ND	5.1	ug/kg
2-Hexanone	ND	20	ug/kg
Methylene chloride	ND	5.1	ug/kg
4-Methyl-2-pentanone	ND	20	ug/kg
Styrene	ND	5.1	ug/kg
1,1,1,2-Tetrachloroethane	ND	5.1	ug/kg
1,1,2,2-Tetrachloroethane	ND	5.1	ug/kg
Tetrachloroethene	ND	5.1	ug/kg
Toluene	ND	5.1	ug/kg
1,2,4-Trichloro-benzene	ND	5.1	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-6

GC/MS Volatiles

Lot-Sample #...: D4D030176-002 Work Order #...: GDHQX1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.1	ug/kg
1,1,2-Trichloroethane	ND	5.1	ug/kg
Trichloroethene	ND	5.1	ug/kg
Trichlorofluoromethane	ND	10	ug/kg
1,2,3-Trichloropropane	ND	5.1	ug/kg
Vinyl chloride	ND	5.1	ug/kg
Xylenes (total)	1.0 J	5.1	ug/kg
n-Butylbenzene	ND	5.1	ug/kg
sec-Butylbenzene	ND	5.1	ug/kg
Isopropylbenzene	ND	5.1	ug/kg
1,2,4-Trimethylbenzene	0.33 J	5.1	ug/kg
1,3,5-Trimethylbenzene	ND	5.1	ug/kg
n-Propylbenzene	ND	5.1	ug/kg
tert-Butylbenzene	ND	5.1	ug/kg
Dibromochloromethane	ND	5.1	ug/kg
2-Chlorotoluene	ND	5.1	ug/kg
4-Chlorotoluene	ND	5.1	ug/kg
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/kg
1,3-Dichloropropane	ND	5.1	ug/kg
2,2-Dichloropropane	ND	5.1	ug/kg
1,1-Dichloropropene	ND	5.1	ug/kg
Hexachlorobutadiene	ND	5.1	ug/kg
4-Isopropyltoluene	ND	5.1	ug/kg
Methyl tert-butyl ether	ND	20	ug/kg
1,2,3-Trichlorobenzene	ND	5.1	ug/kg
m-Xylene & p-Xylene	0.73 J	2.5	ug/kg
o-Xylene	0.28 J	2.5	ug/kg
Bromobenzene	ND	5.1	ug/kg
Bromochloromethane	ND	5.1	ug/kg
Naphthalene	ND	5.1	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(71 - 136)
1,2-Dichloroethane-d4	103	(67 - 131)
4-Bromofluorobenzene	95	(71 - 124)
Toluene-d8	92	(77 - 129)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

LOCKWOOD GREENE

Client Sample ID: SS-9

GC/MS Volatiles

Lot-Sample #...: D4D030176-003 Work Order #...: GDHQ01AA Matrix.....: SOLID
Date Sampled...: 04/01/04 15:15 Date Received..: 04/03/04
Prep Date.....: 04/12/04 Analysis Date..: 04/12/04
Prep Batch #...: 4104274 Analysis Time..: 14:32
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	3.9 J,B	20	ug/kg
Benzene	ND	5.1	ug/kg
Bromodichloromethane	ND	5.1	ug/kg
Bromoform	ND	5.1	ug/kg
Bromomethane	ND	10	ug/kg
2-Butanone (MEK)	ND	20	ug/kg
Carbon tetrachloride	ND	5.1	ug/kg
Chlorobenzene	ND	5.1	ug/kg
Chloroethane	ND	10	ug/kg
Chloroform	ND	10	ug/kg
Chloromethane	ND	10	ug/kg
Dibromomethane	ND	5.1	ug/kg
1,2-Dibromoethane (EDB)	ND	5.1	ug/kg
1,2-Dichlorobenzene	ND	5.1	ug/kg
1,3-Dichlorobenzene	ND	5.1	ug/kg
1,4-Dichlorobenzene	ND	5.1	ug/kg
Dichlorodifluoromethane	ND	10	ug/kg
1,1-Dichloroethane	ND	5.1	ug/kg
1,2-Dichloroethane	ND	5.1	ug/kg
1,1-Dichloroethene	ND	5.1	ug/kg
1,2-Dichloroethene (total)	ND	5.1	ug/kg
cis-1,2-Dichloroethene	ND	2.5	ug/kg
trans-1,2-Dichloroethene	ND	2.5	ug/kg
1,2-Dichloropropane	ND	5.1	ug/kg
cis-1,3-Dichloropropene	ND	5.1	ug/kg
trans-1,3-Dichloropropene	ND	5.1	ug/kg
Ethylbenzene	ND	5.1	ug/kg
2-Hexanone	ND	20	ug/kg
Methylene chloride	ND	5.1	ug/kg
4-Methyl-2-pentanone	ND	20	ug/kg
Styrene	ND	5.1	ug/kg
1,1,1,2-Tetrachloroethane	ND	5.1	ug/kg
1,1,2,2-Tetrachloroethane	ND	5.1	ug/kg
Tetrachloroethene	ND	5.1	ug/kg
Toluene	ND	5.1	ug/kg
1,2,4-Trichloro-benzene	ND	5.1	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-9

GC/MS Volatiles

Lot-Sample #...: D4D030176-003 Work Order #...: GDHQ01AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.1	ug/kg
1,1,2-Trichloroethane	ND	5.1	ug/kg
Trichloroethene	ND	5.1	ug/kg
Trichlorofluoromethane	ND	10	ug/kg
1,2,3-Trichloropropane	ND	5.1	ug/kg
Vinyl chloride	ND	5.1	ug/kg
Xylenes (total)	0.72 J	5.1	ug/kg
n-Butylbenzene	ND	5.1	ug/kg
sec-Butylbenzene	ND	5.1	ug/kg
Isopropylbenzene	ND	5.1	ug/kg
1,2,4-Trimethylbenzene	ND	5.1	ug/kg
1,3,5-Trimethylbenzene	ND	5.1	ug/kg
n-Propylbenzene	ND	5.1	ug/kg
tert-Butylbenzene	ND	5.1	ug/kg
Dibromochloromethane	ND	5.1	ug/kg
2-Chlorotoluene	ND	5.1	ug/kg
4-Chlorotoluene	ND	5.1	ug/kg
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/kg
1,3-Dichloropropane	ND	5.1	ug/kg
2,2-Dichloropropane	ND	5.1	ug/kg
1,1-Dichloropropene	ND	5.1	ug/kg
Hexachlorobutadiene	ND	5.1	ug/kg
4-Isopropyltoluene	ND	5.1	ug/kg
Methyl tert-butyl ether	ND	20	ug/kg
1,2,3-Trichlorobenzene	ND	5.1	ug/kg
m-Xylene & p-Xylene	ND	2.5	ug/kg
o-Xylene	0.32 J	2.5	ug/kg
Bromobenzene	ND	5.1	ug/kg
Bromochloromethane	ND	5.1	ug/kg
Naphthalene	ND	5.1	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(71 - 136)
1,2-Dichloroethane-d4	104	(67 - 131)
4-Bromofluorobenzene	92	(71 - 124)
Toluene-d8	96	(77 - 129)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

LOCKWOOD GREENE

Client Sample ID: SS-11

GC/MS Volatiles

Lot-Sample #...: D4D030176-004 Work Order #...: GDHQ11AA Matrix.....: SOLID
Date Sampled...: 04/01/04 10:00 Date Received..: 04/03/04
Prep Date.....: 04/12/04 Analysis Date..: 04/12/04
Prep Batch #...: 4104274 Analysis Time..: 14:55
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	3.8 J,B	20	ug/kg
Benzene	ND	5.1	ug/kg
Bromodichloromethane	ND	5.1	ug/kg
Bromoform	ND	5.1	ug/kg
Bromomethane	ND	10	ug/kg
2-Butanone (MEK)	ND	20	ug/kg
Carbon tetrachloride	ND	5.1	ug/kg
Chlorobenzene	ND	5.1	ug/kg
Chloroethane	ND	10	ug/kg
Chloroform	ND	10	ug/kg
Chloromethane	ND	10	ug/kg
Dibromomethane	ND	5.1	ug/kg
1,2-Dibromoethane (EDB)	ND	5.1	ug/kg
1,2-Dichlorobenzene	ND	5.1	ug/kg
1,3-Dichlorobenzene	ND	5.1	ug/kg
1,4-Dichlorobenzene	ND	5.1	ug/kg
Dichlorodifluoromethane	ND	10	ug/kg
1,1-Dichloroethane	ND	5.1	ug/kg
1,2-Dichloroethane	ND	5.1	ug/kg
1,1-Dichloroethene	ND	5.1	ug/kg
1,2-Dichloroethene (total)	ND	5.1	ug/kg
cis-1,2-Dichloroethene	ND	2.5	ug/kg
trans-1,2-Dichloroethene	ND	2.5	ug/kg
1,2-Dichloropropane	ND	5.1	ug/kg
cis-1,3-Dichloropropene	ND	5.1	ug/kg
trans-1,3-Dichloropropene	ND	5.1	ug/kg
Ethylbenzene	ND	5.1	ug/kg
2-Hexanone	ND	20	ug/kg
Methylene chloride	ND	5.1	ug/kg
4-Methyl-2-pentanone	ND	20	ug/kg
Styrene	ND	5.1	ug/kg
1,1,1,2-Tetrachloroethane	ND	5.1	ug/kg
1,1,2,2-Tetrachloroethane	ND	5.1	ug/kg
Tetrachloroethene	ND	5.1	ug/kg
Toluene	ND	5.1	ug/kg
1,2,4-Trichloro-benzene	ND	5.1	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-11

GC/MS Volatiles

Lot-Sample #...: D4D030176-004 Work Order #...: GDHQ11AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.1	ug/kg
1,1,2-Trichloroethane	ND	5.1	ug/kg
Trichloroethene	ND	5.1	ug/kg
Trichlorofluoromethane	ND	10	ug/kg
1,2,3-Trichloropropane	ND	5.1	ug/kg
Vinyl chloride	ND	5.1	ug/kg
Xylenes (total)	0.73 J	5.1	ug/kg
n-Butylbenzene	ND	5.1	ug/kg
sec-Butylbenzene	ND	5.1	ug/kg
Isopropylbenzene	ND	5.1	ug/kg
1,2,4-Trimethylbenzene	0.23 J	5.1	ug/kg
1,3,5-Trimethylbenzene	ND	5.1	ug/kg
n-Propylbenzene	ND	5.1	ug/kg
tert-Butylbenzene	ND	5.1	ug/kg
Dibromochloromethane	ND	5.1	ug/kg
2-Chlorotoluene	ND	5.1	ug/kg
4-Chlorotoluene	ND	5.1	ug/kg
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/kg
1,3-Dichloropropane	ND	5.1	ug/kg
2,2-Dichloropropane	ND	5.1	ug/kg
1,1-Dichloropropene	ND	5.1	ug/kg
Hexachlorobutadiene	ND	5.1	ug/kg
4-Isopropyltoluene	ND	5.1	ug/kg
Methyl tert-butyl ether	ND	20	ug/kg
1,2,3-Trichlorobenzene	ND	5.1	ug/kg
m-Xylene & p-Xylene	0.43 J	2.5	ug/kg
o-Xylene	0.30 J	2.5	ug/kg
Bromobenzene	ND	5.1	ug/kg
Bromochloromethane	ND	5.1	ug/kg
Naphthalene	ND	5.1	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(71 - 136)
1,2-Dichloroethane-d4	103	(67 - 131)
4-Bromofluorobenzene	92	(71 - 124)
Toluene-d8	95	(77 - 129)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

LOCKWOOD GREENE

Client Sample ID: SS-12

GC/MS Volatiles

Lot-Sample #...: D4D030176-005 Work Order #...: GDHQ21AA Matrix.....: SOLID
Date Sampled...: 04/01/04 15:40 Date Received..: 04/03/04
Prep Date.....: 04/12/04 Analysis Date..: 04/12/04
Prep Batch #...: 4104274 Analysis Time..: 15:19
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	20	ug/kg
Benzene	ND	5.1	ug/kg
Bromodichloromethane	ND	5.1	ug/kg
Bromoform	ND	5.1	ug/kg
Bromomethane	ND	10	ug/kg
2-Butanone (MEK)	ND	20	ug/kg
Carbon tetrachloride	ND	5.1	ug/kg
Chlorobenzene	ND	5.1	ug/kg
Chloroethane	ND	10	ug/kg
Chloroform	ND	10	ug/kg
Chloromethane	ND	10	ug/kg
Dibromomethane	ND	5.1	ug/kg
1,2-Dibromoethane (EDB)	ND	5.1	ug/kg
1,2-Dichlorobenzene	ND	5.1	ug/kg
1,3-Dichlorobenzene	ND	5.1	ug/kg
1,4-Dichlorobenzene	ND	5.1	ug/kg
Dichlorodifluoromethane	ND	10	ug/kg
1,1-Dichloroethane	ND	5.1	ug/kg
1,2-Dichloroethane	ND	5.1	ug/kg
1,1-Dichloroethene	ND	5.1	ug/kg
1,2-Dichloroethene (total)	ND	5.1	ug/kg
cis-1,2-Dichloroethene	ND	2.5	ug/kg
trans-1,2-Dichloroethene	ND	2.5	ug/kg
1,2-Dichloropropane	ND	5.1	ug/kg
cis-1,3-Dichloropropene	ND	5.1	ug/kg
trans-1,3-Dichloropropene	ND	5.1	ug/kg
Ethylbenzene	ND	5.1	ug/kg
2-Hexanone	ND	20	ug/kg
Methylene chloride	ND	5.1	ug/kg
4-Methyl-2-pentanone	ND	20	ug/kg
Styrene	ND	5.1	ug/kg
1,1,1,2-Tetrachloroethane	ND	5.1	ug/kg
1,1,2,2-Tetrachloroethane	ND	5.1	ug/kg
Tetrachloroethene	ND	5.1	ug/kg
Toluene	ND	5.1	ug/kg
1,2,4-Trichloro-benzene	ND	5.1	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-12

GC/MS Volatiles

Lot-Sample #...: D4D030176-005 Work Order #...: GDHQ21AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.1	ug/kg
1,1,2-Trichloroethane	ND	5.1	ug/kg
Trichloroethene	ND	5.1	ug/kg
Trichlorofluoromethane	ND	10	ug/kg
1,2,3-Trichloropropane	ND	5.1	ug/kg
Vinyl chloride	ND	5.1	ug/kg
Xylenes (total)	1.6 J	5.1	ug/kg
n-Butylbenzene	ND	5.1	ug/kg
sec-Butylbenzene	ND	5.1	ug/kg
Isopropylbenzene	ND	5.1	ug/kg
1,2,4-Trimethylbenzene	0.45 J	5.1	ug/kg
1,3,5-Trimethylbenzene	ND	5.1	ug/kg
n-Propylbenzene	ND	5.1	ug/kg
tert-Butylbenzene	ND	5.1	ug/kg
Dibromochloromethane	ND	5.1	ug/kg
2-Chlorotoluene	ND	5.1	ug/kg
4-Chlorotoluene	ND	5.1	ug/kg
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/kg
1,3-Dichloropropane	ND	5.1	ug/kg
2,2-Dichloropropane	ND	5.1	ug/kg
1,1-Dichloropropene	ND	5.1	ug/kg
Hexachlorobutadiene	ND	5.1	ug/kg
4-Isopropyltoluene	ND	5.1	ug/kg
Methyl tert-butyl ether	ND	20	ug/kg
1,2,3-Trichlorobenzene	ND	5.1	ug/kg
m-Xylene & p-Xylene	1.1 J	2.5	ug/kg
o-Xylene	0.50 J	2.5	ug/kg
Bromobenzene	ND	5.1	ug/kg
Bromochloromethane	ND	5.1	ug/kg
Naphthalene	ND	5.1	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(71 - 136)
1,2-Dichloroethane-d4	103	(67 - 131)
4-Bromofluorobenzene	91	(71 - 124)
Toluene-d8	99	(77 - 129)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

LOCKWOOD GREENE

Client Sample ID: SS-13

GC/MS Volatiles

Lot-Sample #...: D4D030176-006 Work Order #...: GDHQ31AA Matrix.....: SOLID
Date Sampled...: 04/01/04 16:10 Date Received..: 04/03/04
Prep Date.....: 04/12/04 Analysis Date..: 04/12/04
Prep Batch #...: 4104274 Analysis Time..: 15:42
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	20	ug/kg
Benzene	ND	5.1	ug/kg
Bromodichloromethane	ND	5.1	ug/kg
Bromoform	ND	5.1	ug/kg
Bromomethane	ND	10	ug/kg
2-Butanone (MEK)	ND	20	ug/kg
Carbon tetrachloride	ND	5.1	ug/kg
Chlorobenzene	ND	5.1	ug/kg
Chloroethane	ND	10	ug/kg
Chloroform	ND	10	ug/kg
Chloromethane	ND	10	ug/kg
Dibromomethane	ND	5.1	ug/kg
1,2-Dibromoethane (EDB)	ND	5.1	ug/kg
1,2-Dichlorobenzene	ND	5.1	ug/kg
1,3-Dichlorobenzene	ND	5.1	ug/kg
1,4-Dichlorobenzene	ND	5.1	ug/kg
Dichlorodifluoromethane	ND	10	ug/kg
1,1-Dichloroethane	ND	5.1	ug/kg
1,2-Dichloroethane	ND	5.1	ug/kg
1,1-Dichloroethene	ND	5.1	ug/kg
1,2-Dichloroethene (total)	ND	5.1	ug/kg
cis-1,2-Dichloroethene	ND	2.5	ug/kg
trans-1,2-Dichloroethene	ND	2.5	ug/kg
1,2-Dichloropropane	ND	5.1	ug/kg
cis-1,3-Dichloropropene	ND	5.1	ug/kg
trans-1,3-Dichloropropene	ND	5.1	ug/kg
Ethylbenzene	ND	5.1	ug/kg
2-Hexanone	ND	20	ug/kg
Methylene chloride	ND	5.1	ug/kg
4-Methyl-2-pentanone	ND	20	ug/kg
Styrene	ND	5.1	ug/kg
1,1,1,2-Tetrachloroethane	ND	5.1	ug/kg
1,1,2,2-Tetrachloroethane	ND	5.1	ug/kg
Tetrachloroethene	ND	5.1	ug/kg
Toluene	ND	5.1	ug/kg
1,2,4-Trichloro-benzene	ND	5.1	ug/kg

(Continued on next page)

LOCKWOOD GREENE

Client Sample ID: SS-13

GC/MS Volatiles

Lot-Sample #...: D4D030176-006 Work Order #...: GDHQ31AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.1	ug/kg
1,1,2-Trichloroethane	ND	5.1	ug/kg
Trichloroethene	ND	5.1	ug/kg
Trichlorofluoromethane	ND	10	ug/kg
1,2,3-Trichloropropane	ND	5.1	ug/kg
Vinyl chloride	ND	5.1	ug/kg
Xylenes (total)	1.1 J	5.1	ug/kg
n-Butylbenzene	ND	5.1	ug/kg
sec-Butylbenzene	ND	5.1	ug/kg
Isopropylbenzene	ND	5.1	ug/kg
1,2,4-Trimethylbenzene	0.38 J	5.1	ug/kg
1,3,5-Trimethylbenzene	ND	5.1	ug/kg
n-Propylbenzene	ND	5.1	ug/kg
tert-Butylbenzene	ND	5.1	ug/kg
Dibromochloromethane	ND	5.1	ug/kg
2-Chlorotoluene	ND	5.1	ug/kg
4-Chlorotoluene	ND	5.1	ug/kg
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/kg
1,3-Dichloropropane	ND	5.1	ug/kg
2,2-Dichloropropane	ND	5.1	ug/kg
1,1-Dichloropropene	ND	5.1	ug/kg
Hexachlorobutadiene	ND	5.1	ug/kg
4-Isopropyltoluene	ND	5.1	ug/kg
Methyl tert-butyl ether	ND	20	ug/kg
1,2,3-Trichlorobenzene	ND	5.1	ug/kg
m-Xylene & p-Xylene	0.82 J	2.5	ug/kg
o-Xylene	0.31 J	2.5	ug/kg
Bromobenzene	ND	5.1	ug/kg
Bromochloromethane	ND	5.1	ug/kg
Naphthalene	ND	5.1	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(71 - 136)
1,2-Dichloroethane-d4	99	(67 - 131)
4-Bromofluorobenzene	92	(71 - 124)
Toluene-d8	93	(77 - 129)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

LOCKWOOD GREENE

Client Sample ID: SS-15

GC/MS Volatiles

Lot-Sample #...: D4D030176-007 Work Order #...: GDHQ41AA Matrix.....: SOLID
Date Sampled...: 04/01/04 13:10 Date Received..: 04/03/04
Prep Date.....: 04/12/04 Analysis Date..: 04/12/04
Prep Batch #...: 4104274 Analysis Time..: 16:06
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	20	ug/kg
Benzene	ND	5.1	ug/kg
Bromodichloromethane	ND	5.1	ug/kg
Bromoform	ND	5.1	ug/kg
Bromomethane	ND	10	ug/kg
2-Butanone (MEK)	ND	20	ug/kg
Carbon tetrachloride	ND	5.1	ug/kg
Chlorobenzene	ND	5.1	ug/kg
Chloroethane	ND	10	ug/kg
Chloroform	ND	10	ug/kg
Chloromethane	ND	10	ug/kg
Dibromomethane	ND	5.1	ug/kg
1,2-Dibromoethane (EDB)	ND	5.1	ug/kg
1,2-Dichlorobenzene	ND	5.1	ug/kg
1,3-Dichlorobenzene	ND	5.1	ug/kg
1,4-Dichlorobenzene	ND	5.1	ug/kg
Dichlorodifluoromethane	ND	10	ug/kg
1,1-Dichloroethane	ND	5.1	ug/kg
1,2-Dichloroethane	ND	5.1	ug/kg
1,1-Dichloroethene	ND	5.1	ug/kg
1,2-Dichloroethene (total)	ND	5.1	ug/kg
cis-1,2-Dichloroethene	ND	2.5	ug/kg
trans-1,2-Dichloroethene	ND	2.5	ug/kg
1,2-Dichloropropane	ND	5.1	ug/kg
cis-1,3-Dichloropropene	ND	5.1	ug/kg
trans-1,3-Dichloropropene	ND	5.1	ug/kg
Ethylbenzene	ND	5.1	ug/kg
2-Hexanone	ND	20	ug/kg
Methylene chloride	ND	5.1	ug/kg
4-Methyl-2-pentanone	ND	20	ug/kg
Styrene	ND	5.1	ug/kg
1,1,1,2-Tetrachloroethane	ND	5.1	ug/kg
1,1,2,2-Tetrachloroethane	ND	5.1	ug/kg
Tetrachloroethene	ND	5.1	ug/kg
Toluene	ND	5.1	ug/kg
1,2,4-Trichloro-benzene	ND	5.1	ug/kg

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LOCKWOOD GREENR

Client Sample ID: SS-15

GC/MS Volatiles

Lot-Sample #...: D4D030176-007 Work Order #...: GDHQ41AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.1	ug/kg
1,1,2-Trichloroethane	ND	5.1	ug/kg
Trichloroethene	ND	5.1	ug/kg
Trichlorofluoromethane	ND	10	ug/kg
1,2,3-Trichloropropane	ND	5.1	ug/kg
Vinyl chloride	ND	5.1	ug/kg
Xylenes (total)	1.1 J	5.1	ug/kg
n-Butylbenzene	ND	5.1	ug/kg
sec-Butylbenzene	ND	5.1	ug/kg
Isopropylbenzene	ND	5.1	ug/kg
1,2,4-Trimethylbenzene	0.35 J	5.1	ug/kg
1,3,5-Trimethylbenzene	ND	5.1	ug/kg
n-Propylbenzene	ND	5.1	ug/kg
tert-Butylbenzene	ND	5.1	ug/kg
Dibromochloromethane	ND	5.1	ug/kg
2-Chlorotoluene	ND	5.1	ug/kg
4-Chlorotoluene	ND	5.1	ug/kg
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/kg
1,3-Dichloropropane	ND	5.1	ug/kg
2,2-Dichloropropane	ND	5.1	ug/kg
1,1-Dichloropropene	ND	5.1	ug/kg
Hexachlorobutadiene	ND	5.1	ug/kg
4-Isopropyltoluene	ND	5.1	ug/kg
Methyl tert-butyl ether	ND	20	ug/kg
1,2,3-Trichlorobenzene	ND	5.1	ug/kg
m-Xylene & p-Xylene	0.78 J	2.5	ug/kg
o-Xylene	0.31 J	2.5	ug/kg
Bromobenzene	ND	5.1	ug/kg
Bromochloromethane	ND	5.1	ug/kg
Naphthalene	ND	5.1	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(71 - 136)
1,2-Dichloroethane-d4	104	(67 - 131)
4-Bromofluorobenzene	94	(71 - 124)
Toluene-d8	95	(77 - 129)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

LOCKWOOD GREENE

Client Sample ID: SS-16

GC/MS Volatiles

Lot-Sample #...: D4D030176-008 Work Order #...: GDHQ51AA Matrix.....: SOLID
Date Sampled...: 04/01/04 14:40 Date Received..: 04/03/04
Prep Date.....: 04/12/04 Analysis Date..: 04/12/04
Prep Batch #...: 4104274 Analysis Time..: 17:16
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	20	ug/kg
Benzene	ND	5.0	ug/kg
Bromodichloromethane	ND	5.0	ug/kg
Bromoform	ND	5.0	ug/kg
Bromomethane	ND	10	ug/kg
2-Butanone (MEK)	ND	20	ug/kg
Carbon tetrachloride	ND	5.0	ug/kg
Chlorobenzene	ND	5.0	ug/kg
Chloroethane	ND	10	ug/kg
Chloroform	ND	10	ug/kg
Chloromethane	ND	10	ug/kg
Dibromomethane	ND	5.0	ug/kg
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg
1,2-Dichlorobenzene	ND	5.0	ug/kg
1,3-Dichlorobenzene	ND	5.0	ug/kg
1,4-Dichlorobenzene	ND	5.0	ug/kg
Dichlorodifluoromethane	ND	10	ug/kg
1,1-Dichloroethane	ND	5.0	ug/kg
1,2-Dichloroethane	ND	5.0	ug/kg
1,1-Dichloroethene	ND	5.0	ug/kg
1,2-Dichloroethene (total)	ND	5.0	ug/kg
cis-1,2-Dichloroethene	ND	2.5	ug/kg
trans-1,2-Dichloroethene	ND	2.5	ug/kg
1,2-Dichloropropane	ND	5.0	ug/kg
cis-1,3-Dichloropropene	ND	5.0	ug/kg
trans-1,3-Dichloropropene	ND	5.0	ug/kg
Ethylbenzene	ND	5.0	ug/kg
2-Hexanone	ND	20	ug/kg
Methylene chloride	ND	5.0	ug/kg
4-Methyl-2-pentanone	ND	20	ug/kg
Styrene	ND	5.0	ug/kg
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg
Tetrachloroethene	ND	5.0	ug/kg
Toluene	ND	5.0	ug/kg
1,2,4-Trichloro-benzene	ND	5.0	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-16

GC/MS Volatiles

Lot-Sample #...: D4D030176-008 Work Order #...: GDHQ51AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.0	ug/kg
1,1,2-Trichloroethane	ND	5.0	ug/kg
Trichloroethene	ND	5.0	ug/kg
Trichlorofluoromethane	ND	10	ug/kg
1,2,3-Trichloropropane	ND	5.0	ug/kg
Vinyl chloride	ND	5.0	ug/kg
Xylenes (total)	1.4 J	5.0	ug/kg
n-Butylbenzene	ND	5.0	ug/kg
sec-Butylbenzene	ND	5.0	ug/kg
Isopropylbenzene	ND	5.0	ug/kg
1,2,4-Trimethylbenzene	0.48 J	5.0	ug/kg
1,3,5-Trimethylbenzene	ND	5.0	ug/kg
n-Propylbenzene	ND	5.0	ug/kg
tert-Butylbenzene	ND	5.0	ug/kg
Dibromochloromethane	ND	5.0	ug/kg
2-Chlorotoluene	ND	5.0	ug/kg
4-Chlorotoluene	ND	5.0	ug/kg
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/kg
1,3-Dichloropropane	ND	5.0	ug/kg
2,2-Dichloropropane	ND	5.0	ug/kg
1,1-Dichloropropene	ND	5.0	ug/kg
Hexachlorobutadiene	ND	5.0	ug/kg
4-Isopropyltoluene	ND	5.0	ug/kg
Methyl tert-butyl ether	ND	20	ug/kg
1,2,3-Trichlorobenzene	ND	5.0	ug/kg
m-Xylene & p-Xylene	0.99 J	2.5	ug/kg
o-Xylene	0.44 J	2.5	ug/kg
Bromobenzene	ND	5.0	ug/kg
Bromochloromethane	ND	5.0	ug/kg
Naphthalene	0.69 J,B	5.0	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(71 - 136)
1,2-Dichloroethane-d4	103	(67 - 131)
4-Bromofluorobenzene	93	(71 - 124)
Toluene-d8	94	(77 - 129)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

LOCKWOOD GREENE

Client Sample ID: SS-2

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-001 Work Order #...: GDHQL1AC Matrix.....: SOLID
Date Sampled...: 04/01/04 12:30 Date Received..: 04/03/04
Prep Date.....: 04/07/04 Analysis Date..: 04/22/04
Prep Batch #...: 4097621 Analysis Time..: 15:54
Dilution Factor: 1
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	340	ug/kg
Acenaphthylene	ND	340	ug/kg
Acetophenone	ND	340	ug/kg
2-Acetylaminofluorene	ND	3400	ug/kg
4-Aminobiphenyl	ND	1600	ug/kg
Aniline	ND	340	ug/kg
Anthracene	ND	340	ug/kg
Aramite	ND	670	ug/kg
Benzo(a)anthracene	ND	340	ug/kg
Benzo(b)fluoranthene	ND	340	ug/kg
Benzo(k)fluoranthene	ND	340	ug/kg
Benzo(ghi)perylene	ND	340	ug/kg
Benzo(a)pyrene	ND	340	ug/kg
Benzyl alcohol	ND	340	ug/kg
bis(2-Chloroethoxy) methane	ND	340	ug/kg
bis(2-Chloroethyl)- ether	ND	340	ug/kg
bis(2-Ethylhexyl) phthalate	ND	340	ug/kg
4-Bromophenyl phenyl ether	ND	340	ug/kg
Butyl benzyl phthalate	ND	340	ug/kg
4-Chloroaniline	ND	340	ug/kg
Chlorobenzilate	ND	340	ug/kg
4-Chloro-3-methylphenol	ND	340	ug/kg
2-Chloronaphthalene	ND	340	ug/kg
2-Chlorophenol	ND	340	ug/kg
4-Chlorophenyl phenyl ether	ND	340	ug/kg
Chrysene	ND	340	ug/kg
Diallate	ND	670	ug/kg
Dibenz(a,h)anthracene	ND	340	ug/kg
Dibenzofuran	ND	340	ug/kg
Di-n-butyl phthalate	ND	340	ug/kg
1,2-Dichlorobenzene	ND	340	ug/kg
1,3-Dichlorobenzene	ND	340	ug/kg
1,4-Dichlorobenzene	ND	340	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-2

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-001 Work Order #...: GDHQL1AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3,3'-Dichlorobenzidine	ND	1600	ug/kg
2,4-Dichlorophenol	ND	340	ug/kg
2,6-Dichlorophenol	ND	340	ug/kg
Diethyl phthalate	ND	670	ug/kg
Dimethoate	ND	670	ug/kg
7,12-Dimethylbenz(a)-anthracene	ND	670	ug/kg
3,3'-Dimethylbenzidine	ND	670	ug/kg
2,4-Dimethylphenol	ND	340	ug/kg
Dimethyl phthalate	ND	340	ug/kg
1,3-Dinitrobenzene	ND	340	ug/kg
4,6-Dinitro-2-methylphenol	ND	1600	ug/kg
2,4-Dinitrophenol	ND	1600	ug/kg
2,4-Dinitrotoluene	ND	340	ug/kg
2,6-Dinitrotoluene	ND	340	ug/kg
Di-n-octyl phthalate	ND	340	ug/kg
Diphenylamine	ND	340	ug/kg
Disulfoton	ND	1600	ug/kg
Ethyl methanesulfonate	ND	340	ug/kg
Fluoranthene	ND	340	ug/kg
Fluorene	ND	340	ug/kg
Hexachlorobenzene	ND	340	ug/kg
Hexachlorobutadiene	ND	340	ug/kg
Hexachlorocyclopenta-diene	ND	1600	ug/kg
Hexachloroethane	ND	340	ug/kg
Hexachloropropene	ND	3400	ug/kg
Indeno(1,2,3-cd)pyrene	ND	340	ug/kg
Isodrin	ND	340	ug/kg
Isophorone	ND	340	ug/kg
Isosafrole	ND	670	ug/kg
Methapyrilene	ND	1600	ug/kg
3-Methylcholanthrene	ND	670	ug/kg
Methyl methanesulfonate	ND	340	ug/kg
2-Methylnaphthalene	ND	340	ug/kg
Methyl parathion	ND	1600	ug/kg
2-Methylphenol	ND	340	ug/kg
3-Methylphenol & 4-Methylphenol	ND	340	ug/kg
Naphthalene	ND	340	ug/kg
1,4-Naphthoquinone	ND	1600	ug/kg
1-Naphthylamine	ND	340	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-2

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-001 Work Order #...: GDHQL1AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2-Naphthylamine	ND	340	ug/kg
2-Nitroaniline	ND	1600	ug/kg
3-Nitroaniline	ND	1600	ug/kg
4-Nitroaniline	ND	1600	ug/kg
Nitrobenzene	ND	340	ug/kg
2-Nitrophenol	ND	340	ug/kg
4-Nitrophenol	ND	1600	ug/kg
4-Nitroquinoline-1-oxide	ND	3400	ug/kg
N-Nitrosodi-n-butylamine	ND	340	ug/kg
N-Nitrosodiethylamine	ND	340	ug/kg
N-Nitrosodimethylamine	ND	340	ug/kg
N-Nitrosodiphenylamine	ND	340	ug/kg
N-Nitrosodi-n-propylamine	ND	340	ug/kg
N-Nitrosomethylethylamine	ND	340	ug/kg
N-Nitrosomorpholine	ND	340	ug/kg
N-Nitrosopiperidine	ND	340	ug/kg
N-Nitrosopyrrolidine	ND	340	ug/kg
5-Nitro-o-toluidine	ND	670	ug/kg
Parathion	ND	1600	ug/kg
Pentachlorobenzene	ND	340	ug/kg
Pentachloroethane	ND	1600	ug/kg
Pentachloronitrobenzene	ND	1600	ug/kg
Pentachlorophenol	ND	1600	ug/kg
Phenacetin	ND	670	ug/kg
Phenanthrene	ND	340	ug/kg
Phenol	ND	340	ug/kg
Phorate	ND	1600	ug/kg
2-Picoline	ND	670	ug/kg
Pronamide	ND	670	ug/kg
Pyrene	ND	340	ug/kg
Pyridine	ND	670	ug/kg
1,2,4,5-Tetrachlorobenzene	ND	340	ug/kg
2,3,4,6-Tetrachlorophenol	ND	1600	ug/kg
Thionazin	ND	1600	ug/kg
o-Toluidine	ND	670	ug/kg
1,2,4-Trichlorobenzene	ND	340	ug/kg
2,4,5-Trichlorophenol	ND	340	ug/kg
2,4,6-Trichlorophenol	ND	340	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-2

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-001 Work Order #...: GDHQL1AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
O,O,O-Triethylphosphorothioate	ND	1600	ug/kg
1,3,5-Trinitrobenzene	ND	1600	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	76	(28 - 95)
Phenol-d5	75	(35 - 90)
Nitrobenzene-d5	75	(39 - 89)
2-Fluorobiphenyl	69	(35 - 86)
2,4,6-Tribromophenol	71	(11 - 111)
Terphenyl-d14	79	(30 - 98)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-6

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-002 Work Order #...: GDHQX1AC Matrix.....: SOLID
Date Sampled...: 04/01/04 10:40 Date Received..: 04/03/04
Prep Date.....: 04/07/04 Analysis Date..: 04/22/04
Prep Batch #...: 4097621 Analysis Time..: 16:20
Dilution Factor: 1
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	330	ug/kg
Acenaphthylene	ND	330	ug/kg
Acetophenone	ND	330	ug/kg
2-Acetylaminofluorene	ND	3300	ug/kg
4-Aminobiphenyl	ND	1600	ug/kg
Aniline	ND	330	ug/kg
Anthracene	ND	330	ug/kg
Aramite	ND	670	ug/kg
Benzo(a)anthracene	ND	330	ug/kg
Benzo(b)fluoranthene	ND	330	ug/kg
Benzo(k)fluoranthene	ND	330	ug/kg
Benzo(ghi)perylene	ND	330	ug/kg
Benzo(a)pyrene	ND	330	ug/kg
Benzyl alcohol	ND	330	ug/kg
bis(2-Chloroethoxy) methane	ND	330	ug/kg
bis(2-Chloroethyl)- ether	ND	330	ug/kg
bis(2-Ethylhexyl) phthalate	ND	330	ug/kg
4-Bromophenyl phenyl ether	ND	330	ug/kg
Butyl benzyl phthalate	ND	330	ug/kg
4-Chloroaniline	ND	330	ug/kg
Chlorobenzilate	ND	330	ug/kg
4-Chloro-3-methylphenol	ND	330	ug/kg
2-Chloronaphthalene	ND	330	ug/kg
2-Chlorophenol	ND	330	ug/kg
4-Chlorophenyl phenyl ether	ND	330	ug/kg
Chrysene	ND	330	ug/kg
Diallate	ND	670	ug/kg
Dibenz(a,h)anthracene	ND	330	ug/kg
Dibenzofuran	ND	330	ug/kg
Di-n-butyl phthalate	ND	330	ug/kg
1,2-Dichlorobenzene	ND	330	ug/kg
1,3-Dichlorobenzene	ND	330	ug/kg
1,4-Dichlorobenzene	ND	330	ug/kg

(Continued on next page)

LOCKWOOD GREENE

Client Sample ID: SS-6

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-002 Work Order #...: GDHQX1AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3,3'-Dichlorobenzidine	ND	1600	ug/kg
2,4-Dichlorophenol	ND	330	ug/kg
2,6-Dichlorophenol	ND	330	ug/kg
Diethyl phthalate	ND	670	ug/kg
Dimethoate	ND	670	ug/kg
7,12-Dimethylbenz(a)-anthracene	ND	670	ug/kg
3,3'-Dimethylbenzidine	ND	670	ug/kg
2,4-Dimethylphenol	ND	330	ug/kg
Dimethyl phthalate	ND	330	ug/kg
1,3-Dinitrobenzene	ND	330	ug/kg
4,6-Dinitro-2-methylphenol	ND	1600	ug/kg
2,4-Dinitrophenol	ND	1600	ug/kg
2,4-Dinitrotoluene	ND	330	ug/kg
2,6-Dinitrotoluene	ND	330	ug/kg
Di-n-octyl phthalate	ND	330	ug/kg
Diphenylamine	ND	330	ug/kg
Disulfoton	ND	1600	ug/kg
Ethyl methanesulfonate	ND	330	ug/kg
Fluoranthene	ND	330	ug/kg
Fluorene	ND	330	ug/kg
Hexachlorobenzene	ND	330	ug/kg
Hexachlorobutadiene	ND	330	ug/kg
Hexachlorocyclopenta-diene	ND	1600	ug/kg
Hexachloroethane	ND	330	ug/kg
Hexachloropropene	ND	3300	ug/kg
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg
Isodrin	ND	330	ug/kg
Isophorone	ND	330	ug/kg
Isosafrole	ND	670	ug/kg
Methapyrilene	ND	1600	ug/kg
3-Methylcholanthrene	ND	670	ug/kg
Methyl methanesulfonate	ND	330	ug/kg
2-Methylnaphthalene	ND	330	ug/kg
Methyl parathion	ND	1600	ug/kg
2-Methylphenol	ND	330	ug/kg
3-Methylphenol & 4-Methylphenol	ND	330	ug/kg
Naphthalene	ND	330	ug/kg
1,4-Naphthoquinone	ND	1600	ug/kg
1-Naphthylamine	ND	330	ug/kg

(Continued on next page)

LOCKWOOD GREENE

Client Sample ID: SS-6

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-002 Work Order #...: GDHQX1AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2-Naphthylamine	ND	330	ug/kg
2-Nitroaniline	ND	1600	ug/kg
3-Nitroaniline	ND	1600	ug/kg
4-Nitroaniline	ND	1600	ug/kg
Nitrobenzene	ND	330	ug/kg
2-Nitrophenol	ND	330	ug/kg
4-Nitrophenol	ND	1600	ug/kg
4-Nitroquinoline-1-oxide	ND	3300	ug/kg
N-Nitrosodi-n-butylamine	ND	330	ug/kg
N-Nitrosodiethylamine	ND	330	ug/kg
N-Nitrosodimethylamine	ND	330	ug/kg
N-Nitrosodiphenylamine	ND	330	ug/kg
N-Nitrosodi-n-propylamine	ND	330	ug/kg
N-Nitrosomethylethylamine	ND	330	ug/kg
N-Nitrosomorpholine	ND	330	ug/kg
N-Nitrosopiperidine	ND	330	ug/kg
N-Nitrosopyrrolidine	ND	330	ug/kg
5-Nitro-o-toluidine	ND	670	ug/kg
Parathion	ND	1600	ug/kg
Pentachlorobenzene	ND	330	ug/kg
Pentachloroethane	ND	1600	ug/kg
Pentachloronitrobenzene	ND	1600	ug/kg
Pentachlorophenol	ND	1600	ug/kg
Phenacetin	ND	670	ug/kg
Phenanthrene	ND	330	ug/kg
Phenol	ND	330	ug/kg
Phorate	ND	1600	ug/kg
2-Picoline	ND	670	ug/kg
Pronamide	ND	670	ug/kg
Pyrene	ND	330	ug/kg
Pyridine	ND	670	ug/kg
1,2,4,5-Tetrachlorobenzene	ND	330	ug/kg
2,3,4,6-Tetrachlorophenol	ND	1600	ug/kg
Thionazin	ND	1600	ug/kg
o-Toluidine	ND	670	ug/kg
1,2,4-Trichlorobenzene	ND	330	ug/kg
2,4,5-Trichlorophenol	ND	330	ug/kg
2,4,6-Trichlorophenol	ND	330	ug/kg

(Continued on next page)

LOCKWOOD GREENE

Client Sample ID: SS-6

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-002 Work Order #...: GDHQX1AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
O,O,O-Triethylphosphorothioate	ND	1600	ug/kg
1,3,5-Trinitrobenzene	ND	1600	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	71	(28 - 95)
Phenol-d5	71	(35 - 90)
Nitrobenzene-d5	71	(39 - 89)
2-Fluorobiphenyl	65	(35 - 86)
2,4,6-Tribromophenol	66	(11 - 111)
Terphenyl-d14	79	(30 - 98)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-9

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-003 Work Order #...: GDHQ01AC Matrix.....: SOLID
Date Sampled...: 04/01/04 15:15 Date Received..: 04/03/04
Prep Date.....: 04/07/04 Analysis Date..: 04/22/04
Prep Batch #...: 4097621 Analysis Time..: 16:47
Dilution Factor: 1
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	330	ug/kg
Acenaphthylene	ND	330	ug/kg
Acetophenone	ND	330	ug/kg
2-Acetylaminofluorene	ND	3300	ug/kg
4-Aminobiphenyl	ND	1600	ug/kg
Aniline	ND	330	ug/kg
Anthracene	ND	330	ug/kg
Aramite	ND	670	ug/kg
Benzo(a)anthracene	ND	330	ug/kg
Benzo(b)fluoranthene	ND	330	ug/kg
Benzo(k)fluoranthene	ND	330	ug/kg
Benzo(ghi)perylene	ND	330	ug/kg
Benzo(a)pyrene	ND	330	ug/kg
Benzyl alcohol	ND	330	ug/kg
bis(2-Chloroethoxy) methane	ND	330	ug/kg
bis(2-Chloroethyl)- ether	ND	330	ug/kg
bis(2-Ethylhexyl) phthalate	ND	330	ug/kg
4-Bromophenyl phenyl ether	ND	330	ug/kg
Butyl benzyl phthalate	ND	330	ug/kg
4-Chloroaniline	ND	330	ug/kg
Chlorobenzilate	ND	330	ug/kg
4-Chloro-3-methylphenol	ND	330	ug/kg
2-Chloronaphthalene	ND	330	ug/kg
2-Chlorophenol	ND	330	ug/kg
4-Chlorophenyl phenyl ether	ND	330	ug/kg
Chrysene	ND	330	ug/kg
Diallate	ND	670	ug/kg
Dibenz(a,h)anthracene	ND	330	ug/kg
Dibenzofuran	ND	330	ug/kg
Di-n-butyl phthalate	ND	330	ug/kg
1,2-Dichlorobenzene	ND	330	ug/kg
1,3-Dichlorobenzene	ND	330	ug/kg
1,4-Dichlorobenzene	ND	330	ug/kg

(Continued on next page)

LOCKWOOD GREENE

Client Sample ID: SS-9

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-003 Work Order #...: GDEQ01AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3,3'-Dichlorobenzidine	ND	1600	ug/kg
2,4-Dichlorophenol	ND	330	ug/kg
2,6-Dichlorophenol	ND	330	ug/kg
Diethyl phthalate	ND	670	ug/kg
Dimethoate	ND	670	ug/kg
7,12-Dimethylbenz(a)-anthracene	ND	670	ug/kg
3,3'-Dimethylbenzidine	ND	670	ug/kg
2,4-Dimethylphenol	ND	330	ug/kg
Dimethyl phthalate	ND	330	ug/kg
1,3-Dinitrobenzene	ND	330	ug/kg
4,6-Dinitro-2-methylphenol	ND	1600	ug/kg
2,4-Dinitrophenol	ND	1600	ug/kg
2,4-Dinitrotoluene	ND	330	ug/kg
2,6-Dinitrotoluene	ND	330	ug/kg
Di-n-octyl phthalate	ND	330	ug/kg
Diphenylamine	ND	330	ug/kg
Disulfoton	ND	1600	ug/kg
Ethyl methanesulfonate	ND	330	ug/kg
Fluoranthene	ND	330	ug/kg
Fluorene	ND	330	ug/kg
Hexachlorobenzene	ND	330	ug/kg
Hexachlorobutadiene	ND	330	ug/kg
Hexachlorocyclopenta-diene	ND	1600	ug/kg
Hexachloroethane	ND	330	ug/kg
Hexachloropropene	ND	3300	ug/kg
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg
Isodrin	ND	330	ug/kg
Isophorone	ND	330	ug/kg
Isosafrole	ND	670	ug/kg
Methapyrilene	ND	1600	ug/kg
3-Methylcholanthrene	ND	670	ug/kg
Methyl methanesulfonate	ND	330	ug/kg
2-Methylnaphthalene	ND	330	ug/kg
Methyl parathion	ND	1600	ug/kg
2-Methylphenol	ND	330	ug/kg
3-Methylphenol & 4-Methylphenol	ND	330	ug/kg
Naphthalene	ND	330	ug/kg
1,4-Naphthoquinone	ND	1600	ug/kg
1-Naphthylamine	ND	330	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-9

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-003 Work Order #...: GDHQ01AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2-Naphthylamine	ND	330	ug/kg
2-Nitroaniline	ND	1600	ug/kg
3-Nitroaniline	ND	1600	ug/kg
4-Nitroaniline	ND	1600	ug/kg
Nitrobenzene	ND	330	ug/kg
2-Nitrophenol	ND	330	ug/kg
4-Nitrophenol	ND	1600	ug/kg
4-Nitroquinoline-1-oxide	ND	3300	ug/kg
N-Nitrosodi-n-butylamine	ND	330	ug/kg
N-Nitrosodiethylamine	ND	330	ug/kg
N-Nitrosodimethylamine	ND	330	ug/kg
N-Nitrosodiphenylamine	ND	330	ug/kg
N-Nitrosodi-n-propylamine	ND	330	ug/kg
N-Nitrosomethylethylamine	ND	330	ug/kg
N-Nitrosomorpholine	ND	330	ug/kg
N-Nitrosopiperidine	ND	330	ug/kg
N-Nitrosopyrrolidine	ND	330	ug/kg
5-Nitro-o-toluidine	ND	670	ug/kg
Parathion	ND	1600	ug/kg
Pentachlorobenzene	ND	330	ug/kg
Pentachloroethane	ND	1600	ug/kg
Pentachloronitrobenzene	ND	1600	ug/kg
Pentachlorophenol	ND	1600	ug/kg
Phenacetin	ND	670	ug/kg
Phenanthrene	ND	330	ug/kg
Phenol	ND	330	ug/kg
Phorate	ND	1600	ug/kg
2-Picoline	ND	670	ug/kg
Pronamide	ND	670	ug/kg
Pyrene	ND	330	ug/kg
Pyridine	ND	670	ug/kg
1,2,4,5-Tetrachlorobenzene	ND	330	ug/kg
2,3,4,6-Tetrachlorophenol	ND	1600	ug/kg
Thionazin	ND	1600	ug/kg
o-Toluidine	ND	670	ug/kg
1,2,4-Trichlorobenzene	ND	330	ug/kg
2,4,5-Trichlorophenol	ND	330	ug/kg
2,4,6-Trichlorophenol	ND	330	ug/kg

(Continued on next page)

LOCKWOOD GREENE

Client Sample ID: SS-9

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-003 Work Order #...: GDHQ01AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
O,O,O-Triethylphosphorothioate	ND	1600	ug/kg
1,3,5-Trinitrobenzene	ND	1600	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	73	(28 - 95)
Phenol-d5	74	(35 - 90)
Nitrobenzene-d5	73	(39 - 89)
2-Fluorobiphenyl	67	(35 - 86)
2,4,6-Tribromophenol	72	(11 - 111)
Terphenyl-d14	74	(30 - 98)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-11

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-004 Work Order #...: GDHQ11AC Matrix.....: SOLID
Date Sampled...: 04/01/04 10:00 Date Received..: 04/03/04
Prep Date.....: 04/07/04 Analysis Date..: 04/22/04
Prep Batch #...: 4097621 Analysis Time..: 17:13
Dilution Factor: 1
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	330	ug/kg
Acenaphthylene	ND	330	ug/kg
Acetophenone	ND	330	ug/kg
2-Acetylaminofluorene	ND	3300	ug/kg
4-Aminobiphenyl	ND	1600	ug/kg
Aniline	ND	330	ug/kg
Anthracene	ND	330	ug/kg
Aramite	ND	670	ug/kg
Benzo(a)anthracene	ND	330	ug/kg
Benzo(b)fluoranthene	ND	330	ug/kg
Benzo(k)fluoranthene	ND	330	ug/kg
Benzo(ghi)perylene	ND	330	ug/kg
Benzo(a)pyrene	ND	330	ug/kg
Benzyl alcohol	ND	330	ug/kg
bis(2-Chloroethoxy) methane	ND	330	ug/kg
bis(2-Chloroethyl)- ether	ND	330	ug/kg
bis(2-Ethylhexyl) phthalate	ND	330	ug/kg
4-Bromophenyl phenyl ether	ND	330	ug/kg
Butyl benzyl phthalate	ND	330	ug/kg
4-Chloroaniline	ND	330	ug/kg
Chlorobenzilate	ND	330	ug/kg
4-Chloro-3-methylphenol	ND	330	ug/kg
2-Chloronaphthalene	ND	330	ug/kg
2-Chlorophenol	ND	330	ug/kg
4-Chlorophenyl phenyl ether	ND	330	ug/kg
Chrysene	ND	330	ug/kg
Diallate	ND	670	ug/kg
Dibenz(a,h)anthracene	ND	330	ug/kg
Dibenzofuran	ND	330	ug/kg
Di-n-butyl phthalate	ND	330	ug/kg
1,2-Dichlorobenzene	ND	330	ug/kg
1,3-Dichlorobenzene	ND	330	ug/kg
1,4-Dichlorobenzene	ND	330	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-11

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-004 Work Order #...: GDHQ11AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3,3'-Dichlorobenzidine	ND	1600	ug/kg
2,4-Dichlorophenol	ND	330	ug/kg
2,6-Dichlorophenol	ND	330	ug/kg
Diethyl phthalate	ND	670	ug/kg
Dimethoate	ND	670	ug/kg
7,12-Dimethylbenz(a)-anthracene	ND	670	ug/kg
3,3'-Dimethylbenzidine	ND	670	ug/kg
2,4-Dimethylphenol	ND	330	ug/kg
Dimethyl phthalate	ND	330	ug/kg
1,3-Dinitrobenzene	ND	330	ug/kg
4,6-Dinitro-2-methylphenol	ND	1600	ug/kg
2,4-Dinitrophenol	ND	1600	ug/kg
2,4-Dinitrotoluene	ND	330	ug/kg
2,6-Dinitrotoluene	ND	330	ug/kg
Di-n-octyl phthalate	ND	330	ug/kg
Diphenylamine	ND	330	ug/kg
Disulfoton	ND	1600	ug/kg
Ethyl methanesulfonate	ND	330	ug/kg
Fluoranthene	ND	330	ug/kg
Fluorene	ND	330	ug/kg
Hexachlorobenzene	ND	330	ug/kg
Hexachlorobutadiene	ND	330	ug/kg
Hexachlorocyclopenta-diene	ND	1600	ug/kg
Hexachloroethane	ND	330	ug/kg
Hexachloropropene	ND	3300	ug/kg
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg
Isodrin	ND	330	ug/kg
Isophorone	ND	330	ug/kg
Isosafrole	ND	670	ug/kg
Methapyrilene	ND	1600	ug/kg
3-Methylcholanthrene	ND	670	ug/kg
Methyl methanesulfonate	ND	330	ug/kg
2-Methylnaphthalene	ND	330	ug/kg
Methyl parathion	ND	1600	ug/kg
2-Methylphenol	ND	330	ug/kg
3-Methylphenol & 4-Methylphenol	ND	330	ug/kg
Naphthalene	ND	330	ug/kg
1,4-Naphthoquinone	ND	1600	ug/kg
1-Naphthylamine	ND	330	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-11

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-004 Work Order #...: GDHQ11AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2-Naphthylamine	ND	330	ug/kg
2-Nitroaniline	ND	1600	ug/kg
3-Nitroaniline	ND	1600	ug/kg
4-Nitroaniline	ND	1600	ug/kg
Nitrobenzene	ND	330	ug/kg
2-Nitrophenol	ND	330	ug/kg
4-Nitrophenol	ND	1600	ug/kg
4-Nitroquinoline-1-oxide	ND	3300	ug/kg
N-Nitrosodi-n-butylamine	ND	330	ug/kg
N-Nitrosodiethylamine	ND	330	ug/kg
N-Nitrosodimethylamine	ND	330	ug/kg
N-Nitrosodiphenylamine	ND	330	ug/kg
N-Nitrosodi-n-propylamine	ND	330	ug/kg
N-Nitrosomethylethylamine	ND	330	ug/kg
N-Nitrosomorpholine	ND	330	ug/kg
N-Nitrosopiperidine	ND	330	ug/kg
N-Nitrosopyrrolidine	ND	330	ug/kg
5-Nitro-o-toluidine	ND	670	ug/kg
Parathion	ND	1600	ug/kg
Pentachlorobenzene	ND	330	ug/kg
Pentachloroethane	ND	1600	ug/kg
Pentachloronitrobenzene	ND	1600	ug/kg
Pentachlorophenol	ND	1600	ug/kg
Phenacetin	ND	670	ug/kg
Phenanthrene	ND	330	ug/kg
Phenol	ND	330	ug/kg
Phorate	ND	1600	ug/kg
2-Picoline	ND	670	ug/kg
Pronamide	ND	670	ug/kg
Pyrene	ND	330	ug/kg
Pyridine	ND	670	ug/kg
1,2,4,5-Tetrachlorobenzene	ND	330	ug/kg
2,3,4,6-Tetrachlorophenol	ND	1600	ug/kg
Thionazin	ND	1600	ug/kg
o-Toluidine	ND	670	ug/kg
1,2,4-Trichlorobenzene	ND	330	ug/kg
2,4,5-Trichlorophenol	ND	330	ug/kg
2,4,6-Trichlorophenol	ND	330	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-11

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-004 Work Order #...: GDHQ11AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
O,O,O-Triethylphosphorothioate	ND	1600	ug/kg
1,3,5-Trinitrobenzene	ND	1600	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	74	(28 - 95)
Phenol-d5	75	(35 - 90)
Nitrobenzene-d5	74	(39 - 89)
2-Fluorobiphenyl	67	(35 - 86)
2,4,6-Tribromophenol	70	(11 - 111)
Terphenyl-d14	75	(30 - 98)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-12

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-005 Work Order #...: GDHQ21AC Matrix.....: SOLID
Date Sampled...: 04/01/04 15:40 Date Received..: 04/03/04
Prep Date.....: 04/07/04 Analysis Date..: 04/22/04
Prep Batch #...: 4097621 Analysis Time..: 17:40
Dilution Factor: 1
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	340	ug/kg
Acenaphthylene	ND	340	ug/kg
Acetophenone	ND	340	ug/kg
2-Acetylaminofluorene	ND	3400	ug/kg
4-Aminobiphenyl	ND	1600	ug/kg
Aniline	ND	340	ug/kg
Anthracene	ND	340	ug/kg
Aramite	ND	670	ug/kg
Benzo(a)anthracene	ND	340	ug/kg
Benzo(b)fluoranthene	ND	340	ug/kg
Benzo(k)fluoranthene	ND	340	ug/kg
Benzo(ghi)perylene	ND	340	ug/kg
Benzo(a)pyrene	ND	340	ug/kg
Benzyl alcohol	ND	340	ug/kg
bis(2-Chloroethoxy) methane	ND	340	ug/kg
bis(2-Chloroethyl)- ether	ND	340	ug/kg
bis(2-Ethylhexyl) phthalate	ND	340	ug/kg
4-Bromophenyl phenyl ether	ND	340	ug/kg
Butyl benzyl phthalate	ND	340	ug/kg
4-Chloroaniline	ND	340	ug/kg
Chlorobenzilate	ND	340	ug/kg
4-Chloro-3-methylphenol	ND	340	ug/kg
2-Chloronaphthalene	ND	340	ug/kg
2-Chlorophenol	ND	340	ug/kg
4-Chlorophenyl phenyl ether	ND	340	ug/kg
Chrysene	ND	340	ug/kg
Diallate	ND	670	ug/kg
Dibenz(a,h)anthracene	ND	340	ug/kg
Dibenzofuran	ND	340	ug/kg
Di-n-butyl phthalate	ND	340	ug/kg
1,2-Dichlorobenzene	ND	340	ug/kg
1,3-Dichlorobenzene	ND	340	ug/kg
1,4-Dichlorobenzene	ND	340	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-12

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-005 Work Order #...: GDHQ21AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3,3'-Dichlorobenzidine	ND	1600	ug/kg
2,4-Dichlorophenol	ND	340	ug/kg
2,6-Dichlorophenol	ND	340	ug/kg
Diethyl phthalate	ND	670	ug/kg
Dimethoate	ND	670	ug/kg
7,12-Dimethylbenz(a)-anthracene	ND	670	ug/kg
3,3'-Dimethylbenzidine	ND	670	ug/kg
2,4-Dimethylphenol	ND	340	ug/kg
Dimethyl phthalate	ND	340	ug/kg
1,3-Dinitrobenzene	ND	340	ug/kg
4,6-Dinitro-2-methylphenol	ND	1600	ug/kg
2,4-Dinitrophenol	ND	1600	ug/kg
2,4-Dinitrotoluene	ND	340	ug/kg
2,6-Dinitrotoluene	ND	340	ug/kg
Di-n-octyl phthalate	ND	340	ug/kg
Diphenylamine	ND	340	ug/kg
Disulfoton	ND	1600	ug/kg
Ethyl methanesulfonate	ND	340	ug/kg
Fluoranthene	ND	340	ug/kg
Fluorene	ND	340	ug/kg
Hexachlorobenzene	ND	340	ug/kg
Hexachlorobutadiene	ND	340	ug/kg
Hexachlorocyclopenta-diene	ND	1600	ug/kg
Hexachloroethane	ND	340	ug/kg
Hexachloropropene	ND	3400	ug/kg
Indeno(1,2,3-cd)pyrene	ND	340	ug/kg
Isodrin	ND	340	ug/kg
Isophorone	ND	340	ug/kg
Isosafrole	ND	670	ug/kg
Methapyrilene	ND	1600	ug/kg
3-Methylcholanthrene	ND	670	ug/kg
Methyl methanesulfonate	ND	340	ug/kg
2-Methylnaphthalene	ND	340	ug/kg
Methyl parathion	ND	1600	ug/kg
2-Methylphenol	ND	340	ug/kg
3-Methylphenol & 4-Methylphenol	ND	340	ug/kg
Naphthalene	ND	340	ug/kg
1,4-Naphthoquinone	ND	1600	ug/kg
1-Naphthylamine	ND	340	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-12

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-005 Work Order #...: GDHQ21AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2-Naphthylamine	ND	340	ug/kg
2-Nitroaniline	ND	1600	ug/kg
3-Nitroaniline	ND	1600	ug/kg
4-Nitroaniline	ND	1600	ug/kg
Nitrobenzene	ND	340	ug/kg
2-Nitrophenol	ND	340	ug/kg
4-Nitrophenol	ND	1600	ug/kg
4-Nitroquinoline-1-oxide	ND	3400	ug/kg
N-Nitrosodi-n-butylamine	ND	340	ug/kg
N-Nitrosodiethylamine	ND	340	ug/kg
N-Nitrosodimethylamine	ND	340	ug/kg
N-Nitrosodiphenylamine	ND	340	ug/kg
N-Nitrosodi-n-propylamine	ND	340	ug/kg
N-Nitrosomethylethylamine	ND	340	ug/kg
N-Nitrosomorpholine	ND	340	ug/kg
N-Nitrosopiperidine	ND	340	ug/kg
N-Nitrosopyrrolidine	ND	340	ug/kg
5-Nitro-o-toluidine	ND	670	ug/kg
Parathion	ND	1600	ug/kg
Pentachlorobenzene	ND	340	ug/kg
Pentachloroethane	ND	1600	ug/kg
Pentachloronitrobenzene	ND	1600	ug/kg
Pentachlorophenol	ND	1600	ug/kg
Phenacetin	ND	670	ug/kg
Phenanthrene	ND	340	ug/kg
Phenol	ND	340	ug/kg
Phorate	ND	1600	ug/kg
2-Picoline	ND	670	ug/kg
Pronamide	ND	670	ug/kg
Pyrene	ND	340	ug/kg
Pyridine	ND	670	ug/kg
1,2,4,5-Tetrachlorobenzene	ND	340	ug/kg
2,3,4,6-Tetrachlorophenol	ND	1600	ug/kg
Thionazin	ND	1600	ug/kg
o-Toluidine	ND	670	ug/kg
1,2,4-Trichlorobenzene	ND	340	ug/kg
2,4,5-Trichlorophenol	ND	340	ug/kg
2,4,6-Trichlorophenol	ND	340	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-12

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-005 Work Order #...: GDHQ21AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
O,O,O-Triethylphosphorothioate	ND	1600	ug/kg
1,3,5-Trinitrobenzene	ND	1600	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	75	(28 - 95)
Phenol-d5	75	(35 - 90)
Nitrobenzene-d5	75	(39 - 89)
2-Fluorobiphenyl	69	(35 - 86)
2,4,6-Tribromophenol	72	(11 - 111)
Terphenyl-d14	81	(30 - 98)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-13

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-006 Work Order #...: GDHQ31AC Matrix.....: SOLID
Date Sampled...: 04/01/04 16:10 Date Received..: 04/03/04
Prep Date.....: 04/07/04 Analysis Date..: 04/22/04
Prep Batch #...: 4097621 Analysis Time..: 18:07
Dilution Factor: 1
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	330	ug/kg
Acenaphthylene	ND	330	ug/kg
Acetophenone	ND	330	ug/kg
2-Acetylaminofluorene	ND	3300	ug/kg
4-Aminobiphenyl	ND	1600	ug/kg
Aniline	ND	330	ug/kg
Anthracene	ND	330	ug/kg
Aramite	ND	670	ug/kg
Benzo(a)anthracene	ND	330	ug/kg
Benzo(b)fluoranthene	ND	330	ug/kg
Benzo(k)fluoranthene	ND	330	ug/kg
Benzo(ghi)perylene	ND	330	ug/kg
Benzo(a)pyrene	ND	330	ug/kg
Benzyl alcohol	ND	330	ug/kg
bis(2-Chloroethoxy) methane	ND	330	ug/kg
bis(2-Chloroethyl)- ether	ND	330	ug/kg
bis(2-Ethylhexyl) phthalate	ND	330	ug/kg
4-Bromophenyl phenyl ether	ND	330	ug/kg
Butyl benzyl phthalate	ND	330	ug/kg
4-Chloroaniline	ND	330	ug/kg
Chlorobenzilate	ND	330	ug/kg
4-Chloro-3-methylphenol	ND	330	ug/kg
2-Chloronaphthalene	ND	330	ug/kg
2-Chlorophenol	ND	330	ug/kg
4-Chlorophenyl phenyl ether	ND	330	ug/kg
Chrysene	ND	330	ug/kg
Diallate	ND	670	ug/kg
Dibenz(a,h)anthracene	ND	330	ug/kg
Dibenzofuran	ND	330	ug/kg
Di-n-butyl phthalate	ND	330	ug/kg
1,2-Dichlorobenzene	ND	330	ug/kg
1,3-Dichlorobenzene	ND	330	ug/kg
1,4-Dichlorobenzene	ND	330	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-13

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-006 Work Order #...: GDEQ31AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3,3'-Dichlorobenzidine	ND	1600	ug/kg
2,4-Dichlorophenol	ND	330	ug/kg
2,6-Dichlorophenol	ND	330	ug/kg
Diethyl phthalate	ND	670	ug/kg
Dimethoate	ND	670	ug/kg
7,12-Dimethylbenz(a)-anthracene	ND	670	ug/kg
3,3'-Dimethylbenzidine	ND	670	ug/kg
2,4-Dimethylphenol	ND	330	ug/kg
Dimethyl phthalate	ND	330	ug/kg
1,3-Dinitrobenzene	ND	330	ug/kg
4,6-Dinitro-2-methylphenol	ND	1600	ug/kg
2,4-Dinitrophenol	ND	1600	ug/kg
2,4-Dinitrotoluene	ND	330	ug/kg
2,6-Dinitrotoluene	ND	330	ug/kg
Di-n-octyl phthalate	ND	330	ug/kg
Diphenylamine	ND	330	ug/kg
Disulfoton	ND	1600	ug/kg
Ethyl methanesulfonate	ND	330	ug/kg
Fluoranthene	ND	330	ug/kg
Fluorene	ND	330	ug/kg
Hexachlorobenzene	ND	330	ug/kg
Hexachlorobutadiene	ND	330	ug/kg
Hexachlorocyclopenta-diene	ND	1600	ug/kg
Hexachloroethane	ND	330	ug/kg
Hexachloropropene	ND	3300	ug/kg
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg
Isodrin	ND	330	ug/kg
Isophorone	ND	330	ug/kg
Isosafrole	ND	670	ug/kg
Methapyrilene	ND	1600	ug/kg
3-Methylcholanthrene	ND	670	ug/kg
Methyl methanesulfonate	ND	330	ug/kg
2-Methylnaphthalene	ND	330	ug/kg
Methyl parathion	ND	1600	ug/kg
2-Methylphenol	ND	330	ug/kg
3-Methylphenol & 4-Methylphenol	ND	330	ug/kg
Naphthalene	ND	330	ug/kg
1,4-Naphthoquinone	ND	1600	ug/kg
1-Naphthylamine	ND	330	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-13

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-006 Work Order #...: GDHQ31AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2-Naphthylamine	ND	330	ug/kg
2-Nitroaniline	ND	1600	ug/kg
3-Nitroaniline	ND	1600	ug/kg
4-Nitroaniline	ND	1600	ug/kg
Nitrobenzene	ND	330	ug/kg
2-Nitrophenol	ND	330	ug/kg
4-Nitrophenol	ND	1600	ug/kg
4-Nitroquinoline-1-oxide	ND	3300	ug/kg
N-Nitrosodi-n-butylamine	ND	330	ug/kg
N-Nitrosodiethylamine	ND	330	ug/kg
N-Nitrosodimethylamine	ND	330	ug/kg
N-Nitrosodiphenylamine	ND	330	ug/kg
N-Nitrosodi-n-propylamine	ND	330	ug/kg
N-Nitrosomethylethylamine	ND	330	ug/kg
N-Nitrosomorpholine	ND	330	ug/kg
N-Nitrosopiperidine	ND	330	ug/kg
N-Nitrosopyrrolidine	ND	330	ug/kg
5-Nitro-o-toluidine	ND	670	ug/kg
Parathion	ND	1600	ug/kg
Pentachlorobenzene	ND	330	ug/kg
Pentachloroethane	ND	1600	ug/kg
Pentachloronitrobenzene	ND	1600	ug/kg
Pentachlorophenol	ND	1600	ug/kg
Phenacetin	ND	670	ug/kg
Phenanthrene	ND	330	ug/kg
Phenol	ND	330	ug/kg
Phorate	ND	1600	ug/kg
2-Picoline	ND	670	ug/kg
Pronamide	ND	670	ug/kg
Pyrene	ND	330	ug/kg
Pyridine	ND	670	ug/kg
1,2,4,5-Tetrachlorobenzene	ND	330	ug/kg
2,3,4,6-Tetrachlorophenol	ND	1600	ug/kg
Thionazin	ND	1600	ug/kg
o-Toluidine	ND	670	ug/kg
1,2,4-Trichlorobenzene	ND	330	ug/kg
2,4,5-Trichlorophenol	ND	330	ug/kg
2,4,6-Trichlorophenol	ND	330	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-13

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-006 Work Order #...: GDHQ31AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
O,O,O-Triethylphosphorothioate	ND	1600	ug/kg
1,3,5-Trinitrobenzene	ND	1600	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	75	(28 - 95)
Phenol-d5	76	(35 - 90)
Nitrobenzene-d5	74	(39 - 89)
2-Fluorobiphenyl	68	(35 - 86)
2,4,6-Tribromophenol	70	(11 - 111)
Terphenyl-d14	83	(30 - 98)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-15

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-007 Work Order #...: GDHQ41AC Matrix.....: SOLID
Date Sampled...: 04/01/04 13:10 Date Received..: 04/03/04
Prep Date.....: 04/07/04 Analysis Date..: 04/22/04
Prep Batch #...: 4097621 Analysis Time..: 18:33
Dilution Factor: 1
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	330	ug/kg
Acenaphthylene	ND	330	ug/kg
Acetophenone	ND	330	ug/kg
2-Acetylaminofluorene	ND	3300	ug/kg
4-Aminobiphenyl	ND	1600	ug/kg
Aniline	ND	330	ug/kg
Anthracene	ND	330	ug/kg
Aramite	ND	670	ug/kg
Benzo(a)anthracene	ND	330	ug/kg
Benzo(b)fluoranthene	ND	330	ug/kg
Benzo(k)fluoranthene	ND	330	ug/kg
Benzo(ghi)perylene	ND	330	ug/kg
Benzo(a)pyrene	ND	330	ug/kg
Benzyl alcohol	ND	330	ug/kg
bis(2-Chloroethoxy) methane	ND	330	ug/kg
bis(2-Chloroethyl)- ether	ND	330	ug/kg
bis(2-Ethylhexyl) phthalate	ND	330	ug/kg
4-Bromophenyl phenyl ether	ND	330	ug/kg
Butyl benzyl phthalate	ND	330	ug/kg
4-Chloroaniline	ND	330	ug/kg
Chlorobenzilate	ND	330	ug/kg
4-Chloro-3-methylphenol	ND	330	ug/kg
2-Chloronaphthalene	ND	330	ug/kg
2-Chlorophenol	ND	330	ug/kg
4-Chlorophenyl phenyl ether	ND	330	ug/kg
Chrysene	ND	330	ug/kg
Diallate	ND	670	ug/kg
Dibenz(a,h)anthracene	ND	330	ug/kg
Dibenzofuran	ND	330	ug/kg
Di-n-butyl phthalate	ND	330	ug/kg
1,2-Dichlorobenzene	ND	330	ug/kg
1,3-Dichlorobenzene	ND	330	ug/kg
1,4-Dichlorobenzene	ND	330	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-15

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-007 Work Order #...: GDHQ41AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3,3'-Dichlorobenzidine	ND	1600	ug/kg
2,4-Dichlorophenol	ND	330	ug/kg
2,6-Dichlorophenol	ND	330	ug/kg
Diethyl phthalate	ND	670	ug/kg
Dimethoate	ND	670	ug/kg
7,12-Dimethylbenz(a)-anthracene	ND	670	ug/kg
3,3'-Dimethylbenzidine	ND	670	ug/kg
2,4-Dimethylphenol	ND	330	ug/kg
Dimethyl phthalate	ND	330	ug/kg
1,3-Dinitrobenzene	ND	330	ug/kg
4,6-Dinitro-2-methylphenol	ND	1600	ug/kg
2,4-Dinitrophenol	ND	1600	ug/kg
2,4-Dinitrotoluene	ND	330	ug/kg
2,6-Dinitrotoluene	ND	330	ug/kg
Di-n-octyl phthalate	ND	330	ug/kg
Diphenylamine	ND	330	ug/kg
Disulfoton	ND	1600	ug/kg
Ethyl methanesulfonate	ND	330	ug/kg
Fluoranthene	ND	330	ug/kg
Fluorene	ND	330	ug/kg
Hexachlorobenzene	ND	330	ug/kg
Hexachlorobutadiene	ND	330	ug/kg
Hexachlorocyclopenta-diene	ND	1600	ug/kg
Hexachloroethane	ND	330	ug/kg
Hexachloropropene	ND	3300	ug/kg
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg
Isodrin	ND	330	ug/kg
Isophorone	ND	330	ug/kg
Isosafrole	ND	670	ug/kg
Methapyrilene	ND	1600	ug/kg
3-Methylcholanthrene	ND	670	ug/kg
Methyl methanesulfonate	ND	330	ug/kg
2-Methylnaphthalene	ND	330	ug/kg
Methyl parathion	ND	1600	ug/kg
2-Methylphenol	ND	330	ug/kg
3-Methylphenol & 4-Methylphenol	ND	330	ug/kg
Naphthalene	ND	330	ug/kg
1,4-Naphthoquinone	ND	1600	ug/kg
1-Naphthylamine	ND	330	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-15

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-007 Work Order #...: GDHQ41AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2-Naphthylamine	ND	330	ug/kg
2-Nitroaniline	ND	1600	ug/kg
3-Nitroaniline	ND	1600	ug/kg
4-Nitroaniline	ND	1600	ug/kg
Nitrobenzene	ND	330	ug/kg
2-Nitrophenol	ND	330	ug/kg
4-Nitrophenol	ND	1600	ug/kg
4-Nitroquinoline-1-oxide	ND	3300	ug/kg
N-Nitrosodi-n-butylamine	ND	330	ug/kg
N-Nitrosodiethylamine	ND	330	ug/kg
N-Nitrosodimethylamine	ND	330	ug/kg
N-Nitrosodiphenylamine	ND	330	ug/kg
N-Nitrosodi-n-propylamine	ND	330	ug/kg
N-Nitrosomethylethylamine	ND	330	ug/kg
N-Nitrosomorpholine	ND	330	ug/kg
N-Nitrosopiperidine	ND	330	ug/kg
N-Nitrosopyrrolidine	ND	330	ug/kg
5-Nitro-o-toluidine	ND	670	ug/kg
Parathion	ND	1600	ug/kg
Pentachlorobenzene	ND	330	ug/kg
Pentachloroethane	ND	1600	ug/kg
Pentachloronitrobenzene	ND	1600	ug/kg
Pentachlorophenol	ND	1600	ug/kg
Phenacetin	ND	670	ug/kg
Phenanthrene	ND	330	ug/kg
Phenol	ND	330	ug/kg
Phorate	ND	1600	ug/kg
2-Picoline	ND	670	ug/kg
Pronamide	ND	670	ug/kg
Pyrene	ND	330	ug/kg
Pyridine	ND	670	ug/kg
1,2,4,5-Tetrachlorobenzene	ND	330	ug/kg
2,3,4,6-Tetrachlorophenol	ND	1600	ug/kg
Thionazin	ND	1600	ug/kg
o-Toluidine	ND	670	ug/kg
1,2,4-Trichlorobenzene	ND	330	ug/kg
2,4,5-Trichlorophenol	ND	330	ug/kg
2,4,6-Trichlorophenol	ND	330	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-15

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-007 Work Order #...: GDHQ41AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
O,O,O-Triethylphosphoro-thioate	ND	1600	ug/kg
1,3,5-Trinitrobenzene	ND	1600	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	73	(28 - 95)
Phenol-d5	74	(35 - 90)
Nitrobenzene-d5	74	(39 - 89)
2-Fluorobiphenyl	67	(35 - 86)
2,4,6-Tribromophenol	69	(11 - 111)
Terphenyl-d14	84	(30 - 98)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-16

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-008 Work Order #...: GDHQ51AC Matrix.....: SOLID
Date Sampled...: 04/01/04 14:40 Date Received..: 04/03/04
Prep Date.....: 04/07/04 Analysis Date..: 04/22/04
Prep Batch #...: 4097621 Analysis Time..: 19:00
Dilution Factor: 1
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	330	ug/kg
Acenaphthylene	ND	330	ug/kg
Acetophenone	ND	330	ug/kg
2-Acetylaminofluorene	ND	3300	ug/kg
4-Aminobiphenyl	ND	1600	ug/kg
Aniline	ND	330	ug/kg
Anthracene	ND	330	ug/kg
Aramite	ND	670	ug/kg
Benzo(a)anthracene	ND	330	ug/kg
Benzo(b)fluoranthene	ND	330	ug/kg
Benzo(k)fluoranthene	ND	330	ug/kg
Benzo(ghi)perylene	ND	330	ug/kg
Benzo(a)pyrene	ND	330	ug/kg
Benzyl alcohol	ND	330	ug/kg
bis(2-Chloroethoxy) methane	ND	330	ug/kg
bis(2-Chloroethyl)- ether	ND	330	ug/kg
bis(2-Ethylhexyl) phthalate	ND	330	ug/kg
4-Bromophenyl phenyl ether	ND	330	ug/kg
Butyl benzyl phthalate	ND	330	ug/kg
4-Chloroaniline	ND	330	ug/kg
Chlorobenzilate	ND	330	ug/kg
4-Chloro-3-methylphenol	ND	330	ug/kg
2-Chloronaphthalene	ND	330	ug/kg
2-Chlorophenol	ND	330	ug/kg
4-Chlorophenyl phenyl ether	ND	330	ug/kg
Chrysene	ND	330	ug/kg
Diallate	ND	670	ug/kg
Dibenz(a,h)anthracene	ND	330	ug/kg
Dibenzofuran	ND	330	ug/kg
Di-n-butyl phthalate	ND	330	ug/kg
1,2-Dichlorobenzene	ND	330	ug/kg
1,3-Dichlorobenzene	ND	330	ug/kg
1,4-Dichlorobenzene	ND	330	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-16

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-008 Work Order #...: GDHQ51AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3,3'-Dichlorobenzidine	ND	1600	ug/kg
2,4-Dichlorophenol	ND	330	ug/kg
2,6-Dichlorophenol	ND	330	ug/kg
Diethyl phthalate	ND	670	ug/kg
Dimethoate	ND	670	ug/kg
7,12-Dimethylbenz(a)-anthracene	ND	670	ug/kg
3,3'-Dimethylbenzidine	ND	670	ug/kg
2,4-Dimethylphenol	ND	330	ug/kg
Dimethyl phthalate	ND	330	ug/kg
1,3-Dinitrobenzene	ND	330	ug/kg
4,6-Dinitro-2-methylphenol	ND	1600	ug/kg
2,4-Dinitrophenol	ND	1600	ug/kg
2,4-Dinitrotoluene	ND	330	ug/kg
2,6-Dinitrotoluene	ND	330	ug/kg
Di-n-octyl phthalate	ND	330	ug/kg
Diphenylamine	ND	330	ug/kg
Disulfoton	ND	1600	ug/kg
Ethyl methanesulfonate	ND	330	ug/kg
Fluoranthene	ND	330	ug/kg
Fluorene	ND	330	ug/kg
Hexachlorobenzene	ND	330	ug/kg
Hexachlorobutadiene	ND	330	ug/kg
Hexachlorocyclopenta-diene	ND	1600	ug/kg
Hexachloroethane	ND	330	ug/kg
Hexachloropropene	ND	3300	ug/kg
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg
Isodrin	ND	330	ug/kg
Isophorone	ND	330	ug/kg
Isosafrole	ND	670	ug/kg
Methapyrilene	ND	1600	ug/kg
3-Methylcholanthrene	ND	670	ug/kg
Methyl methanesulfonate	ND	330	ug/kg
2-Methylnaphthalene	ND	330	ug/kg
Methyl parathion	ND	1600	ug/kg
2-Methylphenol	ND	330	ug/kg
3-Methylphenol & 4-Methylphenol	ND	330	ug/kg
Naphthalene	ND	330	ug/kg
1,4-Naphthoquinone	ND	1600	ug/kg
1-Naphthylamine	ND	330	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-16

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-008 Work Order #...: GDHQ51AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2-Naphthylamine	ND	330	ug/kg
2-Nitroaniline	ND	1600	ug/kg
3-Nitroaniline	ND	1600	ug/kg
4-Nitroaniline	ND	1600	ug/kg
Nitrobenzene	ND	330	ug/kg
2-Nitrophenol	ND	330	ug/kg
4-Nitrophenol	ND	1600	ug/kg
4-Nitroquinoline-1-oxide	ND	3300	ug/kg
N-Nitrosodi-n-butylamine	ND	330	ug/kg
N-Nitrosodiethylamine	ND	330	ug/kg
N-Nitrosodimethylamine	ND	330	ug/kg
N-Nitrosodiphenylamine	ND	330	ug/kg
N-Nitrosodi-n-propylamine	ND	330	ug/kg
N-Nitrosomethylethylamine	ND	330	ug/kg
N-Nitrosomorpholine	ND	330	ug/kg
N-Nitrosopiperidine	ND	330	ug/kg
N-Nitrosopyrrolidine	ND	330	ug/kg
5-Nitro-o-toluidine	ND	670	ug/kg
Parathion	ND	1600	ug/kg
Pentachlorobenzene	ND	330	ug/kg
Pentachloroethane	ND	1600	ug/kg
Pentachloronitrobenzene	ND	1600	ug/kg
Pentachlorophenol	ND	1600	ug/kg
Phenacetin	ND	670	ug/kg
Phenanthrene	ND	330	ug/kg
Phenol	ND	330	ug/kg
Phorate	ND	1600	ug/kg
2-Picoline	ND	670	ug/kg
Pronamide	ND	670	ug/kg
Pyrene	ND	330	ug/kg
Pyridine	ND	670	ug/kg
1,2,4,5-Tetrachlorobenzene	ND	330	ug/kg
2,3,4,6-Tetrachlorophenol	ND	1600	ug/kg
Thionazin	ND	1600	ug/kg
o-Toluidine	ND	670	ug/kg
1,2,4-Trichlorobenzene	ND	330	ug/kg
2,4,5-Trichlorophenol	ND	330	ug/kg
2,4,6-Trichlorophenol	ND	330	ug/kg

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LOCKWOOD GREENE

Client Sample ID: SS-16

GC/MS Semivolatiles

Lot-Sample #...: D4D030176-008 Work Order #...: GDHQ51AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
O,O,O-Triethylphosphorothioate	ND	1600	ug/kg
1,3,5-Trinitrobenzene	ND	1600	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	68	(28 - 95)
Phenol-d5	68	(35 - 90)
Nitrobenzene-d5	67	(39 - 89)
2-Fluorobiphenyl	63	(35 - 86)
2,4,6-Tribromophenol	64	(11 - 111)
Terphenyl-d14	76	(30 - 98)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-2

GC Semivolatiles

Lot-Sample #...: D4D030176-001 Work Order #...: GDHQL1AD Matrix.....: SOLID
Date Sampled...: 04/01/04 12:30 Date Received..: 04/03/04
Prep Date.....: 04/06/04 Analysis Date..: 04/24/04
Prep Batch #...: 4096552 Analysis Time..: 04:06
Dilution Factor: 1
Method.....: SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aldrin	ND	1.7	ug/kg
alpha-BHC	ND	1.7	ug/kg
beta-BHC	ND	1.7	ug/kg
delta-BHC	ND	1.7	ug/kg
gamma-BHC (Lindane)	ND	1.7	ug/kg
Chlordane (technical)	ND	17	ug/kg
4,4'-DDD	ND	1.7	ug/kg
4,4'-DDE	ND	1.7	ug/kg
4,4'-DDT	ND	1.7	ug/kg
Dieldrin	ND	1.7	ug/kg
Endrin	ND	1.7	ug/kg
Endrin aldehyde	ND	1.7	ug/kg
Endosulfan I	ND	1.7	ug/kg
Endosulfan II	ND	1.7	ug/kg
Endosulfan sulfate	ND	1.7	ug/kg
Heptachlor	ND	1.7	ug/kg
Heptachlor epoxide	ND	1.7	ug/kg
Methoxychlor	ND	3.4	ug/kg
Toxaphene	ND	170	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	82	(41 - 142)
Tetrachloro-m-xylene	101	(50 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-6

GC Semivolatiles

Lot-Sample #...: D4D030176-002 Work Order #...: GDHQX1AD Matrix.....: SOLID
Date Sampled...: 04/01/04 10:40 Date Received..: 04/03/04
Prep Date.....: 04/06/04 Analysis Date..: 04/24/04
Prep Batch #...: 4096552 Analysis Time..: 04:35
Dilution Factor: 1
Method.....: SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aldrin	ND	1.7	ug/kg
alpha-BHC	ND	1.7	ug/kg
beta-BHC	ND	1.7	ug/kg
delta-BHC	ND	1.7	ug/kg
gamma-BHC (Lindane)	ND	1.7	ug/kg
Chlordane (technical)	ND	17	ug/kg
4,4'-DDD	0.44 J,COL	1.7	ug/kg
4,4'-DDE	ND	1.7	ug/kg
4,4'-DDT	ND	1.7	ug/kg
Dieldrin	ND	1.7	ug/kg
Endrin	ND	1.7	ug/kg
Endrin aldehyde	ND	1.7	ug/kg
Endosulfan I	ND	1.7	ug/kg
Endosulfan II	ND	1.7	ug/kg
Endosulfan sulfate	ND	1.7	ug/kg
Heptachlor	ND	1.7	ug/kg
Heptachlor epoxide	ND	1.7	ug/kg
Methoxychlor	ND	3.3	ug/kg
Toxaphene	ND	170	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	84	(41 - 142)
Tetrachloro-m-xylene	99	(50 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

COL More than 40% RPD between primary and confirmation column results. The lower of the two results is reported.

LOCKWOOD GREENE

Client Sample ID: SS-9

GC Semivolatiles

Lot-Sample #...: D4D030176-003 Work Order #...: GDHQ01AD Matrix.....: SOLID
Date Sampled...: 04/01/04 15:15 Date Received..: 04/03/04
Prep Date.....: 04/06/04 Analysis Date..: 04/24/04
Prep Batch #...: 4096552 Analysis Time..: 05:04
Dilution Factor: 1
Method.....: SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aldrin	ND	1.7	ug/kg
alpha-BHC	ND	1.7	ug/kg
beta-BHC	ND	1.7	ug/kg
delta-BHC	ND	1.7	ug/kg
gamma-BHC (Lindane)	ND	1.7	ug/kg
Chlordane (technical)	ND	17	ug/kg
4,4'-DDD	0.39 J,COL	1.7	ug/kg
4,4'-DDE	ND	1.7	ug/kg
4,4'-DDT	ND	1.7	ug/kg
Dieldrin	ND	1.7	ug/kg
Endrin	ND	1.7	ug/kg
Endrin aldehyde	ND	1.7	ug/kg
Endosulfan I	ND	1.7	ug/kg
Endosulfan II	ND	1.7	ug/kg
Endosulfan sulfate	ND	1.7	ug/kg
Heptachlor	ND	1.7	ug/kg
Heptachlor epoxide	ND	1.7	ug/kg
Methoxychlor	ND	3.3	ug/kg
Toxaphene	ND	170	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	90	(41 - 142)
Tetrachloro-m-xylene	105	(50 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

COL More than 40% RPD between primary and confirmation column results. The lower of the two results is reported.

LOCKWOOD GREENE

Client Sample ID: SS-11

GC Semivolatiles

Lot-Sample #...: D4D030176-004 Work Order #...: GDHQ11AD Matrix.....: SOLID
Date Sampled...: 04/01/04 10:00 Date Received..: 04/03/04
Prep Date.....: 04/06/04 Analysis Date..: 04/24/04
Prep Batch #...: 4096552 Analysis Time..: 05:32
Dilution Factor: 1
Method.....: SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aldrin	ND	1.7	ug/kg
alpha-BHC	ND	1.7	ug/kg
beta-BHC	ND	1.7	ug/kg
delta-BHC	ND	1.7	ug/kg
gamma-BHC (Lindane)	ND	1.7	ug/kg
Chlordane (technical)	ND	17	ug/kg
4,4'-DDD	0.79 J,COL	1.7	ug/kg
4,4'-DDE	ND	1.7	ug/kg
4,4'-DDT	ND	1.7	ug/kg
Dieldrin	ND	1.7	ug/kg
Endrin	ND	1.7	ug/kg
Endrin aldehyde	ND	1.7	ug/kg
Endosulfan I	ND	1.7	ug/kg
Endosulfan II	ND	1.7	ug/kg
Endosulfan sulfate	ND	1.7	ug/kg
Heptachlor	ND	1.7	ug/kg
Heptachlor epoxide	ND	1.7	ug/kg
Methoxychlor	ND	3.3	ug/kg
Toxaphene	ND	170	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	83	(41 - 142)
Tetrachloro-m-xylene	99	(50 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

COL More than 40% RPD between primary and confirmation column results. The lower of the two results is reported.

LOCKWOOD GREENE

Client Sample ID: SS-12

GC Semivolatiles

Lot-Sample #...: D4D030176-005 Work Order #...: GDHQ21AD Matrix.....: SOLID
Date Sampled...: 04/01/04 15:40 Date Received..: 04/03/04
Prep Date.....: 04/06/04 Analysis Date..: 04/24/04
Prep Batch #...: 4096552 Analysis Time..: 06:01
Dilution Factor: 1
Method.....: SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aldrin	ND	1.7	ug/kg
alpha-BHC	ND	1.7	ug/kg
beta-BHC	ND	1.7	ug/kg
delta-BHC	ND	1.7	ug/kg
gamma-BHC (Lindane)	ND	1.7	ug/kg
Chlordane (technical)	ND	17	ug/kg
4,4'-DDD	0.65 J,COL	1.7	ug/kg
4,4'-DDE	ND	1.7	ug/kg
4,4'-DDT	ND	1.7	ug/kg
Dieldrin	ND	1.7	ug/kg
Endrin	ND	1.7	ug/kg
Endrin aldehyde	ND	1.7	ug/kg
Endosulfan I	ND	1.7	ug/kg
Endosulfan II	ND	1.7	ug/kg
Endosulfan sulfate	ND	1.7	ug/kg
Heptachlor	ND	1.7	ug/kg
Heptachlor epoxide	ND	1.7	ug/kg
Methoxychlor	ND	3.4	ug/kg
Toxaphene	ND	170	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	96	(41 - 142)
Tetrachloro-m-xylene	109	(50 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

COL More than 40% RPD between primary and confirmation column results. The lower of the two results is reported.

LOCKWOOD GREENE

Client Sample ID: SS-13

GC Semivolatiles

Lot-Sample #...: D4D030176-006 Work Order #...: GDHQ31AD Matrix.....: SOLID
Date Sampled...: 04/01/04 16:10 Date Received..: 04/03/04
Prep Date.....: 04/06/04 Analysis Date..: 04/27/04
Prep Batch #...: 4096552 Analysis Time..: 11:42
Dilution Factor: 10
Method.....: SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aldrin	ND	17	ug/kg
alpha-BHC	ND	17	ug/kg
beta-BHC	ND	17	ug/kg
delta-BHC	ND	17	ug/kg
gamma-BHC (Lindane)	ND	17	ug/kg
Chlordane (technical)	ND	170	ug/kg
4,4'-DDD	ND	17	ug/kg
4,4'-DDE	ND	17	ug/kg
4,4'-DDT	ND	17	ug/kg
Dieldrin	ND	17	ug/kg
Endrin	ND	17	ug/kg
Endrin aldehyde	ND	17	ug/kg
Endosulfan I	ND	17	ug/kg
Endosulfan II	ND	17	ug/kg
Endosulfan sulfate	ND	17	ug/kg
Heptachlor	ND	17	ug/kg
Heptachlor epoxide	ND	17	ug/kg
Methoxychlor	ND	33	ug/kg
Toxaphene	ND	1700	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	NC,DIL	(41 - 142)
Tetrachloro-m-xylene	NC,DIL	(50 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-15

GC Semivolatiles

Lot-Sample #...: D4D030176-007 Work Order #...: GDHQ41AD Matrix.....: SOLID
Date Sampled...: 04/01/04 13:10 Date Received..: 04/03/04
Prep Date.....: 04/06/04 Analysis Date..: 04/27/04
Prep Batch #...: 4096552 Analysis Time..: 12:11
Dilution Factor: 10
Method.....: SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aldrin	ND	17	ug/kg
alpha-BHC	ND	17	ug/kg
beta-BHC	ND	17	ug/kg
delta-BHC	ND	17	ug/kg
gamma-BHC (Lindane)	ND	17	ug/kg
Chlordane (technical)	ND	170	ug/kg
4,4'-DDD	ND	17	ug/kg
4,4'-DDE	ND	17	ug/kg
4,4'-DDT	ND	17	ug/kg
Dieldrin	ND	17	ug/kg
Endrin	ND	17	ug/kg
Endrin aldehyde	ND	17	ug/kg
Endosulfan I	ND	17	ug/kg
Endosulfan II	ND	17	ug/kg
Endosulfan sulfate	ND	17	ug/kg
Heptachlor	ND	17	ug/kg
Heptachlor epoxide	ND	17	ug/kg
Methoxychlor	ND	33	ug/kg
Toxaphene	ND	1700	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	NC,DIL	(41 - 142)
Tetrachloro-m-xylene	NC,DIL	(50 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-16

GC Semivolatiles

Lot-Sample #...: D4D030176-008 Work Order #...: GDHQ51AD Matrix.....: SOLID
Date Sampled...: 04/01/04 14:40 Date Received..: 04/03/04
Prep Date.....: 04/06/04 Analysis Date..: 04/27/04
Prep Batch #...: 4096552 Analysis Time..: 12:40
Dilution Factor: 10
Method.....: SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aldrin	ND	17	ug/kg
alpha-BHC	ND	17	ug/kg
beta-BHC	ND	17	ug/kg
delta-BHC	ND	17	ug/kg
gamma-BHC (Lindane)	ND	17	ug/kg
Chlordane (technical)	ND	170	ug/kg
4,4'-DDD	ND	17	ug/kg
4,4'-DDE	ND	17	ug/kg
4,4'-DDT	ND	17	ug/kg
Dieldrin	ND	17	ug/kg
Endrin	ND	17	ug/kg
Endrin aldehyde	ND	17	ug/kg
Endosulfan I	ND	17	ug/kg
Endosulfan II	ND	17	ug/kg
Endosulfan sulfate	ND	17	ug/kg
Heptachlor	ND	17	ug/kg
Heptachlor epoxide	ND	17	ug/kg
Methoxychlor	ND	33	ug/kg
Toxaphene	ND	1700	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	NC,DIL	(41 - 142)
Tetrachloro-m-xylene	NC,DIL	(50 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-2

GC Semivolatiles

Lot-Sample #...: D4D030176-001 Work Order #...: GDHQL1AE Matrix.....: SOLID
Date Sampled...: 04/01/04 12:30 Date Received..: 04/03/04
Prep Date.....: 04/04/04 Analysis Date..: 04/12/04
Prep Batch #...: 4095125 Analysis Time..: 13:39
Dilution Factor: 1
Method.....: SW846 8141A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Azinphos-methyl	ND	13	ug/kg
Bolstar	ND	13	ug/kg
Chlorpyrifos	ND	13	ug/kg
Coumaphos	ND	13	ug/kg
Demeton (total)	ND	13	ug/kg
Diazinon	ND	13	ug/kg
Dichlorvos	ND	13	ug/kg
Dimethoate	ND	13	ug/kg
Disulfoton	ND	13	ug/kg
Ethoprop	ND	13	ug/kg
Ethyl parathion	ND	13	ug/kg
Famphur	ND	13	ug/kg
Fensulfothion	ND	13	ug/kg
Fenthion	ND	13	ug/kg
Malathion	ND	13	ug/kg
Merphos	ND	13	ug/kg
Methyl parathion	ND	13	ug/kg
Mevinphos	ND	13	ug/kg
Naled	ND	34	ug/kg
O,O,O-Triethylphosphoro-thioate	ND	13	ug/kg
Phorate	ND	13	ug/kg
Ronnel	ND	68	ug/kg
Sulfotepp	ND	13	ug/kg
Thionazin	ND	13	ug/kg
Tokuthion	ND	13	ug/kg
Trichloronate	ND	13	ug/kg
EPN	ND	13	ug/kg
Demeton-O	ND	13	ug/kg
Demeton-S	ND	13	ug/kg
Tetrachlorvinphos (Stirophos)	ND	13	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Ethyl Pirimifos	71	(11 - 137)
Chlormefos	84	(37 - 124)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-6

GC Semivolatiles

Lot-Sample #...: D4D030176-002 Work Order #...: GDHQX1AE Matrix.....: SOLID
Date Sampled...: 04/01/04 10:40 Date Received..: 04/03/04
Prep Date.....: 04/04/04 Analysis Date..: 04/12/04
Prep Batch #...: 4095125 Analysis Time..: 14:13
Dilution Factor: 1
Method.....: SW846 8141A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Azinphos-methyl	ND	13	ug/kg
Bolstar	ND	13	ug/kg
Chlorpyrifos	ND	13	ug/kg
Coumaphos	ND	13	ug/kg
Demeton (total)	ND	13	ug/kg
Diazinon	ND	13	ug/kg
Dichlorvos	ND	13	ug/kg
Dimethoate	ND	13	ug/kg
Disulfoton	ND	13	ug/kg
Ethoprop	ND	13	ug/kg
Ethyl parathion	ND	13	ug/kg
Famphur	ND	13	ug/kg
Fensulfothion	ND	13	ug/kg
Fenthion	ND	13	ug/kg
Malathion	ND	13	ug/kg
Merphos	ND	13	ug/kg
Methyl parathion	ND	13	ug/kg
Mevinphos	ND	13	ug/kg
Naled	ND	33	ug/kg
O,O,O-Triethylphosphoro-thioate	ND	13	ug/kg
Phorate	ND	13	ug/kg
Ronnel	ND	68	ug/kg
Sulfotepp	ND	13	ug/kg
Thionazin	ND	13	ug/kg
Tokuthion	ND	13	ug/kg
Trichloronate	ND	13	ug/kg
EPN	ND	13	ug/kg
Demeton-O	ND	13	ug/kg
Demeton-S	ND	13	ug/kg
Tetrachlorvinphos (Stirophos)	ND	13	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Ethyl Pirimifos	75	(11 - 137)
Chlormefos	87	(37 - 124)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

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Client Sample ID: SS-9

GC Semivolatiles

Lot-Sample #...: D4D030176-003 Work Order #...: GDHQ01AE Matrix.....: SOLID
Date Sampled...: 04/01/04 15:15 Date Received..: 04/03/04
Prep Date.....: 04/04/04 Analysis Date..: 04/12/04
Prep Batch #...: 4095125 Analysis Time..: 14:46
Dilution Factor: 1
Method.....: SW846 8141A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Azinphos-methyl	ND	13	ug/kg
Bolstar	ND	13	ug/kg
Chlorpyrifos	ND	13	ug/kg
Coumaphos	ND	13	ug/kg
Demeton (total)	ND	13	ug/kg
Diazinon	ND	13	ug/kg
Dichlorvos	ND	13	ug/kg
Dimethoate	ND	13	ug/kg
Disulfoton	ND	13	ug/kg
Ethoprop	ND	13	ug/kg
Ethyl parathion	ND	13	ug/kg
Famphur	ND	13	ug/kg
Fensulfothion	ND	13	ug/kg
Fenthion	ND	13	ug/kg
Malathion	ND	13	ug/kg
Merphos	ND	13	ug/kg
Methyl parathion	ND	13	ug/kg
Mevinphos	ND	13	ug/kg
Naled	ND	33	ug/kg
O,O,O-Triethylphosphorothioate	ND	13	ug/kg
Phorate	ND	13	ug/kg
Ronnel	ND	68	ug/kg
Sulfotepp	ND	13	ug/kg
Thionazin	ND	13	ug/kg
Tokuthion	ND	13	ug/kg
Trichloronate	ND	13	ug/kg
EPN	ND	13	ug/kg
Demeton-O	ND	13	ug/kg
Demeton-S	ND	13	ug/kg
Tetrachlorvinphos (Stirophos)	ND	13	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Ethyl Pirimifos	67	(11 - 137)
Chlormefos	75	(37 - 124)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-11

GC Semivolatiles

Lot-Sample #...: D4D030176-004 Work Order #...: GDHQ11AE Matrix.....: SOLID
Date Sampled...: 04/01/04 10:00 Date Received..: 04/03/04
Prep Date.....: 04/04/04 Analysis Date..: 04/12/04
Prep Batch #...: 4095125 Analysis Time..: 15:52
Dilution Factor: 1
Method.....: SW846 8141A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Azinphos-methyl	ND	13	ug/kg
Bolstar	ND	13	ug/kg
Chlorpyrifos	ND	13	ug/kg
Coumaphos	ND	13	ug/kg
Demeton (total)	ND	13	ug/kg
Diazinon	ND	13	ug/kg
Dichlorvos	ND	13	ug/kg
Dimethoate	ND	13	ug/kg
Disulfoton	ND	13	ug/kg
Ethoprop	ND	13	ug/kg
Ethyl parathion	ND	13	ug/kg
Famphur	ND	13	ug/kg
Fensulfothion	ND	13	ug/kg
Fenthion	ND	13	ug/kg
Malathion	ND	13	ug/kg
Merphos	ND	13	ug/kg
Methyl parathion	ND	13	ug/kg
Mevinphos	ND	13	ug/kg
Naled	ND	33	ug/kg
O,O,O-Triethylphosphorothioate	ND	13	ug/kg
Phorate	ND	13	ug/kg
Ronnel	ND	68	ug/kg
Sulfotepp	ND	13	ug/kg
Thionazin	ND	13	ug/kg
Tokuthion	ND	13	ug/kg
Trichloronate	ND	13	ug/kg
EPN	ND	13	ug/kg
Demeton-O	ND	13	ug/kg
Demeton-S	ND	13	ug/kg
Tetrachlorvinphos (Stirophos)	ND	13	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Ethyl Pirimifos	73	(11 - 137)
Chlormefos	90	(37 - 124)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

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Client Sample ID: SS-12

GC Semivolatiles

Lot-Sample #...: D4D030176-005 Work Order #...: GDHQ21AE Matrix.....: SOLID
Date Sampled...: 04/01/04 15:40 Date Received..: 04/03/04
Prep Date.....: 04/04/04 Analysis Date..: 04/12/04
Prep Batch #...: 4095125 Analysis Time..: 16:25
Dilution Factor: 1
Method.....: SW846 8141A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Azinphos-methyl	ND	13	ug/kg
Bolstar	ND	13	ug/kg
Chlorpyrifos	ND	13	ug/kg
Coumaphos	ND	13	ug/kg
Demeton (total)	ND	13	ug/kg
Diazinon	ND	13	ug/kg
Dichlorvos	ND	13	ug/kg
Dimethoate	ND	13	ug/kg
Disulfoton	ND	13	ug/kg
Ethoprop	ND	13	ug/kg
Ethyl parathion	ND	13	ug/kg
Famphur	ND	13	ug/kg
Fensulfothion	ND	13	ug/kg
Fenthion	ND	13	ug/kg
Malathion	ND	13	ug/kg
Merphos	ND	13	ug/kg
Methyl parathion	ND	13	ug/kg
Mevinphos	ND	13	ug/kg
Naled	ND	34	ug/kg
O,O,O-Triethylphosphoro-thioate	ND	13	ug/kg
Phorate	ND	13	ug/kg
Ronnel	ND	68	ug/kg
Sulfotepp	ND	13	ug/kg
Thionazin	ND	13	ug/kg
Tokuthion	ND	13	ug/kg
Trichloronate	ND	13	ug/kg
EPN	ND	13	ug/kg
Demeton-O	ND	13	ug/kg
Demeton-S	ND	13	ug/kg
Tetrachlorvinphos (Stirophos)	ND	13	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Ethyl Pirimifos	72	(11 - 137)
Chlormefos	86	(37 - 124)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-13

GC Semivolatiles

Lot-Sample #...: D4D030176-006 Work Order #...: GDHQ31AE Matrix.....: SOLID
Date Sampled...: 04/01/04 16:10 Date Received..: 04/03/04
Prep Date.....: 04/04/04 Analysis Date..: 04/12/04
Prep Batch #...: 4095125 Analysis Time..: 16:59
Dilution Factor: 1
Method.....: SW846 8141A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Azinphos-methyl	ND	13	ug/kg
Bolstar	ND	13	ug/kg
Chlorpyrifos	ND	13	ug/kg
Coumaphos	ND	13	ug/kg
Demeton (total)	ND	13	ug/kg
Diazinon	ND	13	ug/kg
Dichlorvos	ND	13	ug/kg
Dimethoate	ND	13	ug/kg
Disulfoton	ND	13	ug/kg
Ethoprop	ND	13	ug/kg
Ethyl parathion	ND	13	ug/kg
Famphur	ND	13	ug/kg
Fensulfothion	ND	13	ug/kg
Fenthion	ND	13	ug/kg
Malathion	ND	13	ug/kg
Merphos	ND	13	ug/kg
Methyl parathion	ND	13	ug/kg
Mevinphos	ND	13	ug/kg
Naled	ND	33	ug/kg
O,O,O-Triethylphosphorothioate	ND	13	ug/kg
Phorate	ND	13	ug/kg
Ronnel	ND	68	ug/kg
Sulfotepp	ND	13	ug/kg
Thionazin	ND	13	ug/kg
Tokuthion	ND	13	ug/kg
Trichloronate	ND	13	ug/kg
EPN	ND	13	ug/kg
Demeton-O	ND	13	ug/kg
Demeton-S	ND	13	ug/kg
Tetrachlorvinphos (Stirophos)	ND	13	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Ethyl Pirimifos	77	(11 - 137)
Chlormefos	97	(37 - 124)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-15

GC Semivolatiles

Lot-Sample #...: D4D030176-007 Work Order #...: GDHQ41AE Matrix.....: SOLID
Date Sampled...: 04/01/04 13:10 Date Received..: 04/03/04
Prep Date.....: 04/04/04 Analysis Date..: 04/12/04
Prep Batch #...: 4095125 Analysis Time..: 17:32
Dilution Factor: 1
Method.....: SW846 8141A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Azinphos-methyl	ND	13	ug/kg
Bolstar	ND	13	ug/kg
Chlorpyrifos	ND	13	ug/kg
Coumaphos	ND	13	ug/kg
Demeton (total)	ND	13	ug/kg
Diazinon	ND	13	ug/kg
Dichlorvos	ND	13	ug/kg
Dimethoate	ND	13	ug/kg
Disulfoton	ND	13	ug/kg
Ethoprop	ND	13	ug/kg
Ethyl parathion	ND	13	ug/kg
Famphur	ND	13	ug/kg
Fensulfothion	ND	13	ug/kg
Fenthion	ND	13	ug/kg
Malathion	ND	13	ug/kg
Merphos	ND	13	ug/kg
Methyl parathion	ND	13	ug/kg
Mevinphos	ND	13	ug/kg
Naled	ND	33	ug/kg
O,O,O-Triethylphosphorothioate	ND	13	ug/kg
Phorate	ND	13	ug/kg
Ronnel	ND	68	ug/kg
Sulfotepp	ND	13	ug/kg
Thionazin	ND	13	ug/kg
Tokuthion	ND	13	ug/kg
Trichloronate	ND	13	ug/kg
EPN	ND	13	ug/kg
Demeton-O	ND	13	ug/kg
Demeton-S	ND	13	ug/kg
Tetrachlorvinphos (Stirophos)	ND	13	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Ethyl Pirimifos	77	(11 - 137)
Chlormefos	90	(37 - 124)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-16

GC Semivolatiles

Lot-Sample #...: D4D030176-008 Work Order #...: GDHQ51AE Matrix.....: SOLID
Date Sampled...: 04/01/04 14:40 Date Received..: 04/03/04
Prep Date.....: 04/04/04 Analysis Date..: 04/12/04
Prep Batch #...: 4095125 Analysis Time..: 18:05
Dilution Factor: 1
Method.....: SW846 8141A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Azinphos-methyl	ND	13	ug/kg
Bolstar	ND	13	ug/kg
Chlorpyrifos	ND	13	ug/kg
Coumaphos	ND	13	ug/kg
Demeton (total)	ND	13	ug/kg
Diazinon	ND	13	ug/kg
Dichlorvos	ND	13	ug/kg
Dimethoate	ND	13	ug/kg
Disulfoton	ND	13	ug/kg
Ethoprop	ND	13	ug/kg
Ethyl parathion	ND	13	ug/kg
Famphur	ND	13	ug/kg
Fensulfothion	ND	13	ug/kg
Fenthion	ND	13	ug/kg
Malathion	ND	13	ug/kg
Merphos	ND	13	ug/kg
Methyl parathion	ND	13	ug/kg
Mevinphos	ND	13	ug/kg
Naled	ND	33	ug/kg
O,O,O-Triethylphosphorothioate	ND	13	ug/kg
Phorate	ND	13	ug/kg
Ronnel	ND	68	ug/kg
Sulfotepp	ND	13	ug/kg
Thionazin	ND	13	ug/kg
Tokuthion	ND	13	ug/kg
Trichloronate	ND	13	ug/kg
EPN	ND	13	ug/kg
Demeton-O	ND	13	ug/kg
Demeton-S	ND	13	ug/kg
Tetrachlorvinphos (Stirophos)	ND	13	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Ethyl Pirimifos	73	(11 - 137)
Chlormefos	91	(37 - 124)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-2

GC Semivolatiles

Lot-Sample #...: D4D030176-001 Work Order #...: GDHQL1AF Matrix.....: SOLID
Date Sampled...: 04/01/04 12:30 Date Received..: 04/03/04
Prep Date.....: 04/08/04 Analysis Date..: 04/13/04
Prep Batch #...: 4098553 Analysis Time..: 19:43
Dilution Factor: 1
Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-D	ND	81	ug/kg
2,4-DB	ND	81	ug/kg
2,4,5-T	ND	20	ug/kg
2,4,5-TP (Silvex)	ND	20	ug/kg
Dalapon	ND	41	ug/kg
Dicamba	ND	41	ug/kg
Dichlorprop	ND	81	ug/kg
Dinoseb	ND	12	ug/kg
MCPA	ND	8100	ug/kg
MCPP	ND	8100	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	83	(39 - 96)

NOTE(S):
Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-6

GC Semivolatiles

Lot-Sample #...: D4D030176-002 Work Order #...: GDHQX1AF Matrix.....: SOLID
Date Sampled...: 04/01/04 10:40 Date Received..: 04/03/04
Prep Date.....: 04/08/04 Analysis Date..: 04/13/04
Prep Batch #...: 4098553 Analysis Time..: 20:24
Dilution Factor: 1
Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-D	ND	81	ug/kg
2,4-DB	ND	81	ug/kg
2,4,5-T	ND	20	ug/kg
2,4,5-TP (Silvex)	ND	20	ug/kg
Dalapon	ND	41	ug/kg
Dicamba	ND	41	ug/kg
Dichlorprop	ND	81	ug/kg
Dinoseb	ND	12	ug/kg
MCPA	ND	8100	ug/kg
MCPP	ND	8100	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	80	(39 - 96)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-9

GC Semivolatiles

Lot-Sample #...: D4D030176-003 Work Order #...: GDHQ01AF Matrix.....: SOLID
Date Sampled...: 04/01/04 15:15 Date Received..: 04/03/04
Prep Date.....: 04/08/04 Analysis Date..: 04/13/04
Prep Batch #...: 4098553 Analysis Time..: 21:05
Dilution Factor: 1
Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-D	ND	81	ug/kg
2,4-DB	ND	81	ug/kg
2,4,5-T	ND	20	ug/kg
2,4,5-TP (Silvex)	ND	20	ug/kg
Dalapon	ND	40	ug/kg
Dicamba	ND	40	ug/kg
Dichlorprop	ND	81	ug/kg
Dinoseb	ND	12	ug/kg
MCPA	ND	8100	ug/kg
MCPP	ND	8100	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	89	(39 - 96)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-11

GC Semivolatiles

Lot-Sample #...: D4D030176-004 Work Order #...: GDHQ11AF Matrix.....: SOLID
Date Sampled...: 04/01/04 10:00 Date Received..: 04/03/04
Prep Date.....: 04/08/04 Analysis Date..: 04/13/04
Prep Batch #...: 4098553 Analysis Time..: 21:47
Dilution Factor: 1
Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-D	ND	81	ug/kg
2,4-DB	ND	81	ug/kg
2,4,5-T	ND	20	ug/kg
2,4,5-TP (Silvex)	ND	20	ug/kg
Dalapon	ND	41	ug/kg
Dicamba	ND	41	ug/kg
Dichlorprop	ND	81	ug/kg
Dinoseb	ND	12	ug/kg
MCPA	ND	8100	ug/kg
MCPP	ND	8100	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	95	(39 - 96)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-12

GC Semivolatiles

Lot-Sample #...: D4D030176-005 Work Order #...: GDHQ21AF Matrix.....: SOLID
Date Sampled...: 04/01/04 15:40 Date Received..: 04/03/04
Prep Date.....: 04/08/04 Analysis Date..: 04/13/04
Prep Batch #...: 4098553 Analysis Time..: 22:29
Dilution Factor: 1
Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-D	ND	81	ug/kg
2,4-DB	ND	81	ug/kg
2,4,5-T	ND	20	ug/kg
2,4,5-TP (Silvex)	ND	20	ug/kg
Dalapon	ND	41	ug/kg
Dicamba	ND	41	ug/kg
Dichlorprop	ND	81	ug/kg
Dinoseb	ND	12	ug/kg
MCPA	ND	8100	ug/kg
MCPP	ND	8100	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	87	(39 - 96)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-13

GC Semivolatiles

Lot-Sample #...: D4D030176-006 Work Order #...: GDHQ31AF Matrix.....: SOLID
Date Sampled...: 04/01/04 16:10 Date Received..: 04/03/04
Prep Date.....: 04/08/04 Analysis Date..: 04/13/04
Prep Batch #...: 4098553 Analysis Time..: 23:10
Dilution Factor: 1
Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-D	ND	81	ug/kg
2,4-DB	ND	81	ug/kg
2,4,5-T	ND	20	ug/kg
2,4,5-TP (Silvex)	ND	20	ug/kg
Dalapon	ND	40	ug/kg
Dicamba	ND	40	ug/kg
Dichlorprop	ND	81	ug/kg
Dinoseb	ND	12	ug/kg
MCPA	ND	8100	ug/kg
MCPP	ND	8100	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	98 *	(39 - 96)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-15

GC Semivolatiles

Lot-Sample #...: D4D030176-007 Work Order #...: GDHQ41AF Matrix.....: SOLID
Date Sampled...: 04/01/04 13:10 Date Received..: 04/03/04
Prep Date.....: 04/08/04 Analysis Date..: 04/13/04
Prep Batch #...: 4098553 Analysis Time..: 23:51
Dilution Factor: 1
Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-D	ND	81	ug/kg
2,4-DB	ND	81	ug/kg
2,4,5-T	ND	20	ug/kg
2,4,5-TP (Silvex)	ND	20	ug/kg
Dalapon	ND	40	ug/kg
Dicamba	ND	40	ug/kg
Dichlorprop	ND	81	ug/kg
Dinoseb	ND	12	ug/kg
MCPA	ND	8100	ug/kg
MCPP	ND	8100	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	98 *	(39 - 96)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-16

GC Semivolatiles

Lot-Sample #...: D4D030176-008 Work Order #...: GDHQ51AF Matrix.....: SOLID
Date Sampled...: 04/01/04 14:40 Date Received..: 04/03/04
Prep Date.....: 04/08/04 Analysis Date..: 04/14/04
Prep Batch #...: 4098553 Analysis Time..: 01:15
Dilution Factor: 1
Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-D	ND	81	ug/kg
2,4-DB	ND	81	ug/kg
2,4,5-T	ND	20	ug/kg
2,4,5-TP (Silvex)	ND	20	ug/kg
Dalapon	ND	40	ug/kg
Dicamba	ND	40	ug/kg
Dichlorprop	ND	81	ug/kg
Dinoseb	ND	12	ug/kg
MCPA	ND	8100	ug/kg
MCPP	ND	8100	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	95	(39 - 96)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-2

TOTAL Metals

Lot-Sample #...: D4D030176-001 Matrix.....: SOLID
Date Sampled...: 04/01/04 12:30 Date Received..: 04/03/04

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4096254						
Mercury	ND	34	ug/kg	SW846 7471A	04/13-04/14/04	GDHQL1AL
		Dilution Factor: 1		Analysis Time..: 11:54		
Prep Batch #...: 4097647						
Arsenic	0.76 B	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQL1AP
		Dilution Factor: 1		Analysis Time..: 01:56		
Lead	2.8	0.81	mg/kg	SW846 6010B	04/09-04/17/04	GDHQL1AQ
		Dilution Factor: 1		Analysis Time..: 01:56		
Selenium	ND	1.3	mg/kg	SW846 6010B	04/09-04/17/04	GDHQL1AR
		Dilution Factor: 1		Analysis Time..: 01:56		
Barium	22	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQL1AG
		Dilution Factor: 1		Analysis Time..: 01:56		
Cadmium	ND	0.51	mg/kg	SW846 6010B	04/09-04/17/04	GDHQL1AH
		Dilution Factor: 1		Analysis Time..: 01:56		
Chromium	5.9	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQL1AJ
		Dilution Factor: 1		Analysis Time..: 01:56		
Silver	0.099 B	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQL1AK
		Dilution Factor: 1		Analysis Time..: 01:56		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

LOCKWOOD GREENE

Client Sample ID: SS-6

TOTAL Metals

Lot-Sample #...: D4D030176-002 Matrix.....: SOLID
Date Sampled...: 04/01/04 10:40 Date Received..: 04/03/04

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4096254						
Mercury	ND	33	ug/kg	SW846 7471A	04/13-04/14/04	GDHQX1AL
		Dilution Factor: 1		Analysis Time..: 12:00		
Prep Batch #...: 4097647						
Arsenic	0.76 B	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQX1AP
		Dilution Factor: 1		Analysis Time..: 02:01		
Lead	2.2	0.81	mg/kg	SW846 6010B	04/09-04/17/04	GDHQX1AQ
		Dilution Factor: 1		Analysis Time..: 02:01		
Selenium	ND	1.3	mg/kg	SW846 6010B	04/09-04/17/04	GDHQX1AR
		Dilution Factor: 1		Analysis Time..: 02:01		
Barium	15	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQX1AG
		Dilution Factor: 1		Analysis Time..: 02:01		
Cadmium	ND	0.51	mg/kg	SW846 6010B	04/09-04/17/04	GDHQX1AH
		Dilution Factor: 1		Analysis Time..: 02:01		
Chromium	3.1	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQX1AJ
		Dilution Factor: 1		Analysis Time..: 02:01		
Silver	0.10 B	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQX1AK
		Dilution Factor: 1		Analysis Time..: 02:01		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

LOCKWOOD GREENE

Client Sample ID: SS-9

TOTAL Metals

Lot-Sample #...: D4D030176-003 Matrix.....: SOLID
Date Sampled...: 04/01/04 15:15 Date Received..: 04/03/04

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4096254						
Mercury	ND	33	ug/kg	SW846 7471A	04/13-04/14/04	GDHQ01AL
		Dilution Factor: 1		Analysis Time..: 12:02		
Prep Batch #...: 4097647						
Arsenic	ND	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ01AP
		Dilution Factor: 1		Analysis Time..: 02:05		
Lead	3.3	0.81	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ01AQ
		Dilution Factor: 1		Analysis Time..: 02:05		
Selenium	ND	1.3	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ01AR
		Dilution Factor: 1		Analysis Time..: 02:05		
Barium	53	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ01AG
		Dilution Factor: 1		Analysis Time..: 02:05		
Cadmium	ND	0.51	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ01AH
		Dilution Factor: 1		Analysis Time..: 02:05		
Chromium	3.4	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ01AJ
		Dilution Factor: 1		Analysis Time..: 02:05		
Silver	0.085 B	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ01AK
		Dilution Factor: 1		Analysis Time..: 02:05		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

LOCKWOOD GREENE

Client Sample ID: SS-11

TOTAL Metals

Lot-Sample #...: D4D030176-004 Matrix.....: SOLID
Date Sampled...: 04/01/04 10:00 Date Received..: 04/03/04

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4096254						
Mercury	ND	33	ug/kg	SW846 7471A	04/13-04/14/04	GDHQ11AL
		Dilution Factor: 1		Analysis Time..: 12:04		
Prep Batch #...: 4097647						
Arsenic	0.89 B	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ11AP
		Dilution Factor: 1		Analysis Time..: 02:19		
Lead	2.8	0.81	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ11AQ
		Dilution Factor: 1		Analysis Time..: 02:19		
Selenium	ND	1.3	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ11AR
		Dilution Factor: 1		Analysis Time..: 02:19		
Barium	19	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ11AG
		Dilution Factor: 1		Analysis Time..: 02:19		
Cadmium	ND	0.51	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ11AH
		Dilution Factor: 1		Analysis Time..: 02:19		
Chromium	3.4	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ11AJ
		Dilution Factor: 1		Analysis Time..: 02:19		
Silver	0.11 B	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ11AK
		Dilution Factor: 1		Analysis Time..: 02:19		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

LOCKWOOD GREENE

Client Sample ID: SS-12

TOTAL Metals

Lot-Sample #...: D4D030176-005 Matrix.....: SOLID
Date Sampled...: 04/01/04 15:40 Date Received..: 04/03/04

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4096254						
Mercury	ND	34	ug/kg	SW846 7471A	04/13-04/14/04	GDHQ21AL
		Dilution Factor: 1		Analysis Time..: 12:06		
Prep Batch #...: 4097647						
Arsenic	0.77 B	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ21AP
		Dilution Factor: 1		Analysis Time..: 02:24		
Lead	2.7	0.81	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ21AQ
		Dilution Factor: 1		Analysis Time..: 02:24		
Selenium	ND	1.3	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ21AR
		Dilution Factor: 1		Analysis Time..: 02:24		
Barium	19	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ21AG
		Dilution Factor: 1		Analysis Time..: 02:24		
Cadmium	ND	0.51	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ21AH
		Dilution Factor: 1		Analysis Time..: 02:24		
Chromium	3.5	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ21AJ
		Dilution Factor: 1		Analysis Time..: 02:24		
Silver	0.10 B	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ21AK
		Dilution Factor: 1		Analysis Time..: 02:24		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

LOCKWOOD GREENE

Client Sample ID: SS-13

TOTAL Metals

Lot-Sample #...: D4D030176-006 Matrix.....: SOLID
Date Sampled...: 04/01/04 16:10 Date Received..: 04/03/04

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4096254						
Mercury	ND	33	ug/kg	SW846 7471A	04/13-04/14/04	GDHQ31AL
		Dilution Factor: 1		Analysis Time..: 12:08		
Prep Batch #...: 4097647						
Arsenic	ND	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ31AP
		Dilution Factor: 1		Analysis Time..: 02:28		
Lead	2.6	0.81	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ31AQ
		Dilution Factor: 1		Analysis Time..: 02:28		
Selenium	ND	1.3	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ31AR
		Dilution Factor: 1		Analysis Time..: 02:28		
Barium	16	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ31AG
		Dilution Factor: 1		Analysis Time..: 02:28		
Cadmium	ND	0.51	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ31AH
		Dilution Factor: 1		Analysis Time..: 02:28		
Chromium	3.0	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ31AJ
		Dilution Factor: 1		Analysis Time..: 02:28		
Silver	ND	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ31AK
		Dilution Factor: 1		Analysis Time..: 02:28		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-15

TOTAL Metals

Lot-Sample #...: D4D030176-007 Matrix.....: SOLID
Date Sampled...: 04/01/04 13:10 Date Received..: 04/03/04

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4096254						
Mercury	ND	33	ug/kg	SW846 7471A	04/13-04/14/04	GDHQ41AL
		Dilution Factor: 1		Analysis Time..: 12:10		
Prep Batch #...: 4097647						
Arsenic	ND	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ41AP
		Dilution Factor: 1		Analysis Time..: 02:33		
Lead	2.5	0.81	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ41AQ
		Dilution Factor: 1		Analysis Time..: 02:33		
Selenium	ND	1.3	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ41AR
		Dilution Factor: 1		Analysis Time..: 02:33		
Barium	17	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ41AG
		Dilution Factor: 1		Analysis Time..: 02:33		
Cadmium	ND	0.51	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ41AH
		Dilution Factor: 1		Analysis Time..: 02:33		
Chromium	3.1	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ41AJ
		Dilution Factor: 1		Analysis Time..: 02:33		
Silver	0.10 B	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ41AK
		Dilution Factor: 1		Analysis Time..: 02:33		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

LOCKWOOD GREENE

Client Sample ID: SS-16

TOTAL Metals

Lot-Sample #...: D4D030176-008 Matrix.....: SOLID
Date Sampled...: 04/01/04 14:40 Date Received..: 04/03/04

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4096254						
Mercury	ND	33	ug/kg	SW846 7471A	04/13-04/14/04	GDHQ51AL
		Dilution Factor: 1		Analysis Time..: 12:12		
Prep Batch #...: 4097647						
Arsenic	0.96 B	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ51AP
		Dilution Factor: 1		Analysis Time..: 02:37		
Lead	2.9	0.81	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ51AQ
		Dilution Factor: 1		Analysis Time..: 02:37		
Selenium	ND	1.3	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ51AR
		Dilution Factor: 1		Analysis Time..: 02:37		
Barium	24	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ51AG
		Dilution Factor: 1		Analysis Time..: 02:37		
Cadmium	ND	0.50	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ51AH
		Dilution Factor: 1		Analysis Time..: 02:37		
Chromium	3.7	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ51AJ
		Dilution Factor: 1		Analysis Time..: 02:37		
Silver	0.11 B	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDHQ51AK
		Dilution Factor: 1		Analysis Time..: 02:37		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

LOCKWOOD GREENE

Client Sample ID: SS-2

General Chemistry

Lot-Sample #...: D4D030176-001 Work Order #...: GDHQL Matrix.....: SOLID
Date Sampled...: 04/01/04 12:30 Date Received..: 04/03/04

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Fluoride	ND	10	mg/kg	SW846 9056	04/15/04	4107487
		Dilution Factor: 1		Analysis Time..: 15:53		
Percent Moisture	1.6	0.10	%	MCAWW 160.3 MOD	04/19/04	4110593
		Dilution Factor: 1		Analysis Time..: 17:35		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-6

General Chemistry

Lot-Sample #...: D4D030176-002 Work Order #...: GDHQX Matrix.....: SOLID
Date Sampled...: 04/01/04 10:40 Date Received..: 04/03/04

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Fluoride	ND	10	mg/kg	SW846 9056	04/15/04	4107487
		Dilution Factor: 1		Analysis Time..: 16:27		
Percent Moisture	1.3	0.10	%	MCAWW 160.3 MOD	04/19/04	4110593
		Dilution Factor: 1		Analysis Time..: 17:35		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-9

General Chemistry

Lot-Sample #...: D4D030176-003 Work Order #...: GDHQ0 Matrix.....: SOLID
Date Sampled...: 04/01/04 15:15 Date Received..: 04/03/04

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Fluoride	1.0 B	10	mg/kg	SW846 9056	04/15/04	4107487
		Dilution Factor: 1		Analysis Time..: 16:38		
Percent Moisture	1.2	0.10	%	MCAWW 160.3 MOD	04/19/04	4110593
		Dilution Factor: 1		Analysis Time..: 17:35		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

LOCKWOOD GREENE

Client Sample ID: SS-11

General Chemistry

Lot-Sample #...: D4D030176-004 Work Order #...: GDHQ1 Matrix.....: SOLID
Date Sampled...: 04/01/04 10:00 Date Received..: 04/03/04

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Fluoride	1.2 B	10	mg/kg	SW846 9056	04/15/04	4107487
		Dilution Factor: 1		Analysis Time..: 16:50		
Percent Moisture	1.3	0.10	%	MCAWW 160.3 MOD	04/19/04	4110593
		Dilution Factor: 1		Analysis Time..: 17:35		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

LOCKWOOD GREENE

Client Sample ID: SS-12

General Chemistry

Lot-Sample #...: D4D030176-005 Work Order #...: GDHQ2 Matrix.....: SOLID
Date Sampled...: 04/01/04 15:40 Date Received..: 04/03/04

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Fluoride	ND	10	mg/kg	SW846 9056	04/15/04	4107487
		Dilution Factor: 1		Analysis Time..: 17:01		
Percent Moisture	1.5	0.10	%	MCAWW 160.3 MOD	04/19/04	4110593
		Dilution Factor: 1		Analysis Time..: 17:35		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-13

General Chemistry

Lot-Sample #...: D4D030176-006 Work Order #...: GDHQ3 Matrix.....: SOLID
Date Sampled...: 04/01/04 16:10 Date Received..: 04/03/04

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Fluoride	ND	10	mg/kg	SW846 9056	04/15/04	4107487
		Dilution Factor: 1		Analysis Time..: 17:35		
Percent Moisture	1.1	0.10	%	MCAWW 160.3 MOD	04/19/04	4110593
		Dilution Factor: 1		Analysis Time..: 17:35		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

LOCKWOOD GREENE

Client Sample ID: SS-15

General Chemistry

Lot-Sample #...: D4D030176-007 Work Order #...: GDHQ4 Matrix.....: SOLID
Date Sampled...: 04/01/04 13:10 Date Received..: 04/03/04

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Fluoride	1.0 B	10	mg/kg	SW846 9056	04/15/04	4107487
		Dilution Factor: 1		Analysis Time..: 17:46		
Percent Moisture	1.2	0.10	%	MCAWW 160.3 MOD	04/19/04	4110593
		Dilution Factor: 1		Analysis Time..: 17:35		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

LOCKWOOD GREENE

Client Sample ID: SS-16

General Chemistry

Lot-Sample #...: D4D030176-008 Work Order #...: GDHQ5 Matrix.....: SOLID
Date Sampled...: 04/01/04 14:40 Date Received..: 04/03/04

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Fluoride	ND	10	mg/kg	SW846 9056	04/15/04	4107487
		Dilution Factor: 1		Analysis Time..: 17:57		
Percent Moisture	0.81	0.10	%	MCAWW 160.3 MOD	04/20/04	4111603
		Dilution Factor: 1		Analysis Time..: 17:15		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

QC DATA ASSOCIATION SUMMARY

D4D030176

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	SW846 9056		4107487	4107237
	SOLID	SW846 7471A		4096254	4096141
	SOLID	SW846 8141A		4095125	4095022
	SOLID	SW846 8081A		4096552	4114264
	SOLID	SW846 8260B		4104274	4104174
	SOLID	SW846 8270C		4097621	4097303
	SOLID	SW846 6010B		4097647	4097320
	SOLID	SW846 8151A		4098553	4098301
	SOLID	MCAWW 160.3 MOD		4110593	4111080
002	SOLID	SW846 9056		4107487	4107237
	SOLID	SW846 7471A		4096254	4096141
	SOLID	SW846 8141A		4095125	4095022
	SOLID	SW846 8081A		4096552	4114264
	SOLID	SW846 8260B		4104274	4104174
	SOLID	SW846 8270C		4097621	4097303
	SOLID	SW846 6010B		4097647	4097320
	SOLID	SW846 8151A		4098553	4098301
	SOLID	MCAWW 160.3 MOD		4110593	4111080
003	SOLID	SW846 9056		4107487	4107237
	SOLID	SW846 7471A		4096254	4096141
	SOLID	SW846 8141A		4095125	4095022
	SOLID	SW846 8081A		4096552	4114264
	SOLID	SW846 8260B		4104274	4104174
	SOLID	SW846 8270C		4097621	4097303
	SOLID	SW846 6010B		4097647	4097320
	SOLID	SW846 8151A		4098553	4098301
	SOLID	MCAWW 160.3 MOD		4110593	4111080
004	SOLID	SW846 9056		4107487	4107237
	SOLID	SW846 7471A		4096254	4096141
	SOLID	SW846 8141A		4095125	4095022
	SOLID	SW846 8081A		4096552	4114264
	SOLID	SW846 8260B		4104274	4104174
	SOLID	SW846 8270C		4097621	4097303
	SOLID	SW846 6010B		4097647	4097320
	SOLID	SW846 8151A		4098553	4098301
	SOLID	MCAWW 160.3 MOD		4110593	4111080
005	SOLID	SW846 9056		4107487	4107237
	SOLID	SW846 7471A		4096254	4096141
	SOLID	SW846 8141A		4095125	4095022

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QC DATA ASSOCIATION SUMMARY

D4D030176

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
005	SOLID	SW846 8081A		4096552	4114264
	SOLID	SW846 8260B		4104274	4104174
	SOLID	SW846 8270C		4097621	4097303
	SOLID	SW846 6010B		4097647	4097320
	SOLID	SW846 8151A		4098553	4098301
	SOLID	MCAWW 160.3 MOD		4110593	4111080
006	SOLID	SW846 9056		4107487	4107237
	SOLID	SW846 7471A		4096254	4096141
	SOLID	SW846 8141A		4095125	4095022
	SOLID	SW846 8081A		4096552	4114264
	SOLID	SW846 8260B		4104274	4104174
	SOLID	SW846 8270C		4097621	4097303
	SOLID	SW846 6010B		4097647	4097320
	SOLID	SW846 8151A		4098553	4098301
	SOLID	MCAWW 160.3 MOD		4110593	4111080
007	SOLID	SW846 9056		4107487	4107237
	SOLID	SW846 7471A		4096254	4096141
	SOLID	SW846 8141A		4095125	4095022
	SOLID	SW846 8081A		4096552	4114264
	SOLID	SW846 8260B		4104274	4104174
	SOLID	SW846 8270C		4097621	4097303
	SOLID	SW846 6010B		4097647	4097320
	SOLID	SW846 8151A		4098553	4098301
	SOLID	MCAWW 160.3 MOD		4110593	4111080
008	SOLID	SW846 9056		4107487	4107237
	SOLID	SW846 7471A		4096254	4096141
	SOLID	SW846 8141A		4095125	4095022
	SOLID	SW846 8081A		4096552	4114264
	SOLID	SW846 8260B		4104274	4104174
	SOLID	SW846 8270C		4097621	4097303
	SOLID	SW846 6010B		4097647	4097320
	SOLID	SW846 8151A		4098553	4098301
	SOLID	MCAWW 160.3 MOD		4111603	4112076

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D4D030176 Work Order #...: GD3FW1AA Matrix.....: SOLID
MB Lot-Sample #: D4D130000-274

Prep Date.....: 04/12/04 Analysis Time..: 12:26
Analysis Date..: 04/12/04 Prep Batch #...: 4104274
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	3.8 J	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
2-Butanone (MEK)	ND	20	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Dibromomethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	2.5	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	2.5	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	0.28 J	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D4D030176 Work Order #...: GD3FW1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/kg	SW846 8260B
1,3-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
4-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
m-Xylene & p-Xylene	ND	2.5	ug/kg	SW846 8260B
o-Xylene	ND	2.5	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Naphthalene	0.58 J	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(71 - 136)
1,2-Dichloroethane-d4	105	(67 - 131)
4-Bromofluorobenzene	97	(71 - 124)
Toluene-d8	98	(77 - 129)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D4D030176 Work Order #...: GD3FW1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: D4D130000-274 GD3FW1AD-LCSD
Prep Date.....: 04/12/04 Analysis Date..: 04/12/04
Prep Batch #...: 4104274 Analysis Time..: 11:40
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	92	(72 - 121)			SW846 8260B
	108	(72 - 121)	16	(0-25)	SW846 8260B
Chlorobenzene	90	(75 - 115)			SW846 8260B
	105	(75 - 115)	15	(0-25)	SW846 8260B
1,1-Dichloroethene	91	(60 - 133)			SW846 8260B
	103	(60 - 133)	13	(0-25)	SW846 8260B
Toluene	93	(71 - 117)			SW846 8260B
	103	(71 - 117)	10	(0-25)	SW846 8260B
Trichloroethene	85	(70 - 125)			SW846 8260B
	101	(70 - 125)	17	(0-25)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(78 - 118)
	99	(78 - 118)
1,2-Dichloroethane-d4	95	(72 - 120)
	106	(72 - 120)
4-Bromofluorobenzene	95	(76 - 127)
	99	(76 - 127)
Toluene-d8	97	(75 - 120)
	100	(75 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D4D030176 Work Order #...: GD3FW1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: D4D130000-274 GD3FW1AD-LCSD
Prep Date.....: 04/12/04 Analysis Date..: 04/12/04
Prep Batch #...: 4104274 Analysis Time..: 11:40
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	50.0	46.0	ug/kg	92		SW846 8260B
	50.0	53.8	ug/kg	108	16	SW846 8260B
Chlorobenzene	50.0	45.1	ug/kg	90		SW846 8260B
	50.0	52.6	ug/kg	105	15	SW846 8260B
1,1-Dichloroethene	50.0	45.3	ug/kg	91		SW846 8260B
	50.0	51.6	ug/kg	103	13	SW846 8260B
Toluene	50.0	46.5	ug/kg	93		SW846 8260B
	50.0	51.4	ug/kg	103	10	SW846 8260B
Trichloroethene	50.0	42.7	ug/kg	85		SW846 8260B
	50.0	50.4	ug/kg	101	17	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(78 - 118)
	99	(78 - 118)
1,2-Dichloroethane-d4	95	(72 - 120)
	106	(72 - 120)
4-Bromofluorobenzene	95	(76 - 127)
	99	(76 - 127)
Toluene-d8	97	(75 - 120)
	100	(75 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D4D030176 Work Order #...: GDKHM1AX-MS Matrix.....: SOLID
MS Lot-Sample #: D4D050247-002 GDKHM1A0-MSD
Date Sampled...: 04/01/04 13:50 Date Received..: 04/05/04
Prep Date.....: 04/12/04 Analysis Date..: 04/12/04
Prep Batch #...: 4104274 Analysis Time..: 21:10
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	70	(51 - 133)			SW846 8260B
	72	(51 - 133)	3.4	(0-40)	SW846 8260B
Chlorobenzene	53	(28 - 137)			SW846 8260B
	54	(28 - 137)	0.70	(0-40)	SW846 8260B
1,1-Dichloroethene	79	(49 - 134)			SW846 8260B
	86	(49 - 134)	8.6	(0-40)	SW846 8260B
Toluene	71	(33 - 140)			SW846 8260B
	80	(33 - 140)	12	(0-40)	SW846 8260B
Trichloroethene	58	(46 - 135)			SW846 8260B
	57	(46 - 135)	1.7	(0-40)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(71 - 136)
	103	(71 - 136)
1,2-Dichloroethane-d4	107	(67 - 131)
	110	(67 - 131)
4-Bromofluorobenzene	80	(71 - 124)
	73	(71 - 124)
Toluene-d8	118	(77 - 129)
	119	(77 - 129)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D4D030176 **Work Order #...:** GDKHM1AX-MS **Matrix.....:** SOLID
MS Lot-Sample #: D4D050247-002 GDKHM1A0-MSD
Date Sampled...: 04/01/04 13:50 **Date Received..:** 04/05/04
Prep Date.....: 04/12/04 **Analysis Date..:** 04/12/04
Prep Batch #...: 4104274 **Analysis Time..:** 21:10
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	ND	50.0	35.0	ug/kg	70		SW846 8260B
	ND	50.0	36.2	ug/kg	72	3.4	SW846 8260B
Chlorobenzene	ND	50.0	26.6	ug/kg	53		SW846 8260B
	ND	50.0	26.8	ug/kg	54	0.70	SW846 8260B
1,1-Dichloroethene	ND	50.0	39.3	ug/kg	79		SW846 8260B
	ND	50.0	42.8	ug/kg	86	8.6	SW846 8260B
Toluene	0.23	50.0	35.6	ug/kg	71		SW846 8260B
	0.23	50.0	40.3	ug/kg	80	12	SW846 8260B
Trichloroethene	ND	50.0	29.0	ug/kg	58		SW846 8260B
	ND	50.0	28.5	ug/kg	57	1.7	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(71 - 136)
	103	(71 - 136)
1,2-Dichloroethane-d4	107	(67 - 131)
	110	(67 - 131)
4-Bromofluorobenzene	80	(71 - 124)
	73	(71 - 124)
Toluene-d8	118	(77 - 129)
	119	(77 - 129)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GDM571AA Matrix.....: SOLID
MB Lot-Sample #: D4D060000-621

Prep Date.....: 04/07/04 Analysis Time..: 13:41
Analysis Date..: 04/22/04 Prep Batch #...: 4097621
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	330	ug/kg	SW846 8270C
Acenaphthylene	ND	330	ug/kg	SW846 8270C
Acetophenone	ND	330	ug/kg	SW846 8270C
2-Acetylaminofluorene	ND	3300	ug/kg	SW846 8270C
4-Aminobiphenyl	ND	1600	ug/kg	SW846 8270C
Aniline	ND	330	ug/kg	SW846 8270C
Anthracene	ND	330	ug/kg	SW846 8270C
Aramite	ND	660	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	330	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	330	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	330	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	330	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	330	ug/kg	SW846 8270C
Benzyl alcohol	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethyl)- ether	ND	330	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	330	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	330	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	330	ug/kg	SW846 8270C
4-Chloroaniline	ND	330	ug/kg	SW846 8270C
Chlorobenzilate	ND	330	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	330	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	330	ug/kg	SW846 8270C
2-Chlorophenol	ND	330	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	330	ug/kg	SW846 8270C
Chrysene	ND	330	ug/kg	SW846 8270C
Diallate	ND	660	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	330	ug/kg	SW846 8270C
Dibenzofuran	ND	330	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	330	ug/kg	SW846 8270C
1,2-Dichlorobenzene	ND	330	ug/kg	SW846 8270C
1,3-Dichlorobenzene	ND	330	ug/kg	SW846 8270C
1,4-Dichlorobenzene	ND	330	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	1600	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	330	ug/kg	SW846 8270C
2,6-Dichlorophenol	ND	330	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GDM571AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Diethyl phthalate	ND	660	ug/kg	SW846 8270C
Dimethoate	ND	660	ug/kg	SW846 8270C
7,12-Dimethylbenz(a)-anthracene	ND	660	ug/kg	SW846 8270C
3,3'-Dimethylbenzidine	ND	660	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	330	ug/kg	SW846 8270C
Dimethyl phthalate	ND	330	ug/kg	SW846 8270C
1,3-Dinitrobenzene	ND	330	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	1600	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	1600	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	330	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	330	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	330	ug/kg	SW846 8270C
Diphenylamine	ND	330	ug/kg	SW846 8270C
Disulfoton	ND	1600	ug/kg	SW846 8270C
Ethyl methanesulfonate	ND	330	ug/kg	SW846 8270C
Fluoranthene	ND	330	ug/kg	SW846 8270C
Fluorene	ND	330	ug/kg	SW846 8270C
Hexachlorobenzene	ND	330	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	330	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	1600	ug/kg	SW846 8270C
Hexachloroethane	ND	330	ug/kg	SW846 8270C
Hexachloropropene	ND	3300	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg	SW846 8270C
Isodrin	ND	330	ug/kg	SW846 8270C
Isophorone	ND	330	ug/kg	SW846 8270C
Isosafrole	ND	660	ug/kg	SW846 8270C
Methapyrilene	ND	1600	ug/kg	SW846 8270C
3-Methylcholanthrene	ND	660	ug/kg	SW846 8270C
Methyl methanesulfonate	ND	330	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	330	ug/kg	SW846 8270C
Methyl parathion	ND	1600	ug/kg	SW846 8270C
2-Methylphenol	ND	330	ug/kg	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	330	ug/kg	SW846 8270C
Naphthalene	ND	330	ug/kg	SW846 8270C
1,4-Naphthoquinone	ND	1600	ug/kg	SW846 8270C
1-Naphthylamine	ND	330	ug/kg	SW846 8270C
2-Naphthylamine	ND	330	ug/kg	SW846 8270C
2-Nitroaniline	ND	1600	ug/kg	SW846 8270C
3-Nitroaniline	ND	1600	ug/kg	SW846 8270C
4-Nitroaniline	ND	1600	ug/kg	SW846 8270C
Nitrobenzene	ND	330	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GDM571AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2-Nitrophenol	ND	330	ug/kg	SW846 8270C
4-Nitrophenol	ND	1600	ug/kg	SW846 8270C
4-Nitroquinoline-1-oxide	ND	3300	ug/kg	SW846 8270C
N-Nitrosodi-n-butylamine	ND	330	ug/kg	SW846 8270C
N-Nitrosodiethylamine	ND	330	ug/kg	SW846 8270C
N-Nitrosodimethylamine	ND	330	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propylamine	ND	330	ug/kg	SW846 8270C
N-Nitrosomethylethylamine	ND	330	ug/kg	SW846 8270C
N-Nitrosomorpholine	ND	330	ug/kg	SW846 8270C
N-Nitrosopiperidine	ND	330	ug/kg	SW846 8270C
N-Nitrosopyrrolidine	ND	330	ug/kg	SW846 8270C
5-Nitro-o-toluidine	ND	660	ug/kg	SW846 8270C
Parathion	ND	1600	ug/kg	SW846 8270C
Pentachlorobenzene	ND	330	ug/kg	SW846 8270C
Pentachloroethane	ND	1600	ug/kg	SW846 8270C
Pentachloronitrobenzene	ND	1600	ug/kg	SW846 8270C
Pentachlorophenol	ND	1600	ug/kg	SW846 8270C
Phenacetin	ND	660	ug/kg	SW846 8270C
Phenanthrene	ND	330	ug/kg	SW846 8270C
Phenol	ND	330	ug/kg	SW846 8270C
Phorate	ND	1600	ug/kg	SW846 8270C
2-Picoline	ND	660	ug/kg	SW846 8270C
Pronamide	ND	660	ug/kg	SW846 8270C
Pyrene	ND	330	ug/kg	SW846 8270C
Pyridine	ND	660	ug/kg	SW846 8270C
1,2,4,5-Tetrachlorobenzene	ND	330	ug/kg	SW846 8270C
2,3,4,6-Tetrachlorophenol	ND	1600	ug/kg	SW846 8270C
Thionazin	ND	1600	ug/kg	SW846 8270C
o-Toluidine	ND	660	ug/kg	SW846 8270C
1,2,4-Trichlorobenzene	ND	330	ug/kg	SW846 8270C
2,4,5-Trichlorophenol	ND	330	ug/kg	SW846 8270C
2,4,6-Trichlorophenol	ND	330	ug/kg	SW846 8270C
O,O,O-Triethylphosphorothioate	ND	1600	ug/kg	SW846 8270C
1,3,5-Trinitrobenzene	ND	1600	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GDM571AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	78	(28 - 95)
Phenol-d5	79	(35 - 90)
Nitrobenzene-d5	77	(39 - 89)
2-Fluorobiphenyl	73	(35 - 86)
2,4,6-Tribromophenol	67	(11 - 111)
Terphenyl-d14	86	(30 - 98)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GDM571AC Matrix.....: SOLID
LCS Lot-Sample#: D4D060000-621
Prep Date.....: 04/07/04 Analysis Date..: 04/22/04
Prep Batch #...: 4097621 Analysis Time..: 14:08
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	75	(49 - 89)	SW846 8270C
4-Chloro-3-methylphenol	79	(53 - 93)	SW846 8270C
2-Chlorophenol	79	(52 - 92)	SW846 8270C
1,4-Dichlorobenzene	74	(47 - 87)	SW846 8270C
2,4-Dinitrotoluene	79	(51 - 98)	SW846 8270C
4-Nitrophenol	75	(37 - 103)	SW846 8270C
N-Nitrosodi-n-propyl-amine	75	(46 - 90)	SW846 8270C
Pentachlorophenol	77	(37 - 96)	SW846 8270C
Phenol	79	(52 - 92)	SW846 8270C
Pyrene	78	(46 - 95)	SW846 8270C
1,2,4-Trichloro-benzene	76	(49 - 89)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	76	(52 - 92)
Phenol-d5	77	(52 - 92)
Nitrobenzene-d5	76	(51 - 91)
2-Fluorobiphenyl	71	(47 - 88)
2,4,6-Tribromophenol	75	(48 - 94)
Terphenyl-d14	81	(50 - 103)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GDM571AC Matrix.....: SOLID
LCS Lot-Sample#: D4D060000-621
Prep Date.....: 04/07/04 Analysis Date..: 04/22/04
Prep Batch #...: 4097621 Analysis Time..: 14:08
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	3300	2470	ug/kg	75	SW846 8270C
4-Chloro-3-methylphenol	4950	3930	ug/kg	79	SW846 8270C
2-Chlorophenol	4950	3920	ug/kg	79	SW846 8270C
1,4-Dichlorobenzene	3300	2450	ug/kg	74	SW846 8270C
2,4-Dinitrotoluene	3300	2620	ug/kg	79	SW846 8270C
4-Nitrophenol	4950	3720	ug/kg	75	SW846 8270C
N-Nitrosodi-n-propyl-amine	3300	2490	ug/kg	75	SW846 8270C
Pentachlorophenol	4950	3830	ug/kg	77	SW846 8270C
Phenol	4950	3920	ug/kg	79	SW846 8270C
Pyrene	3300	2590	ug/kg	78	SW846 8270C
1,2,4-Trichloro-benzene	3300	2520	ug/kg	76	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	76	(52 - 92)
Phenol-d5	77	(52 - 92)
Nitrobenzene-d5	76	(51 - 91)
2-Fluorobiphenyl	71	(47 - 88)
2,4,6-Tribromophenol	75	(48 - 94)
Terphenyl-d14	81	(50 - 103)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GDE201AX-MS Matrix.....: SOLID
MS Lot-Sample #: D4D020177-001 GDE201A0-MSD
Date Sampled...: 04/01/04 09:45 Date Received..: 04/02/04
Prep Date.....: 04/07/04 Analysis Date..: 04/22/04
Prep Batch #...: 4097621 Analysis Time..: 20:45
Dilution Factor: 5

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	NC,DIL	(25 - 101)			SW846 8270C
	NC,DIL	(25 - 101)		(0-40)	SW846 8270C
4-Chloro-3-methylphenol	NC,DIL	(32 - 97)			SW846 8270C
	NC,DIL	(32 - 97)		(0-40)	SW846 8270C
2-Chlorophenol	NC,DIL	(29 - 95)			SW846 8270C
	NC,DIL	(29 - 95)		(0-40)	SW846 8270C
1,4-Dichlorobenzene	NC,DIL	(34 - 81)			SW846 8270C
	NC,DIL	(34 - 81)		(0-40)	SW846 8270C
2,4-Dinitrotoluene	NC,DIL	(31 - 105)			SW846 8270C
	NC,DIL	(31 - 105)		(0-40)	SW846 8270C
4-Nitrophenol	NC,DIL	(10 - 128)			SW846 8270C
	NC,DIL	(10 - 128)		(0-40)	SW846 8270C
N-Nitrosodi-n-propyl-amine	NC,DIL	(33 - 91)			SW846 8270C
	NC,DIL	(33 - 91)		(0-40)	SW846 8270C
Pentachlorophenol	NC,DIL	(10 - 101)			SW846 8270C
	NC,DIL	(10 - 101)		(0-40)	SW846 8270C
Phenol	NC,DIL	(34 - 93)			SW846 8270C
	NC,DIL	(34 - 93)		(0-40)	SW846 8270C
Pyrene	NC,DIL	(13 - 105)			SW846 8270C
	NC,DIL	(13 - 105)		(0-40)	SW846 8270C
1,2,4-Trichloro-benzene	NC,DIL	(33 - 88)			SW846 8270C
	NC,DIL	(33 - 88)		(0-40)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	NC,DIL	(28 - 95)
	NC,DIL	(28 - 95)
Phenol-d5	NC,DIL	(35 - 90)
	NC,DIL	(35 - 90)
Nitrobenzene-d5	NC,DIL	(39 - 89)
	NC,DIL	(39 - 89)
2-Fluorobiphenyl	NC,DIL	(35 - 86)
	NC,DIL	(35 - 86)
2,4,6-Tribromophenol	NC,DIL	(11 - 111)
	NC,DIL	(11 - 111)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GDE201AX-MS Matrix.....: SOLID
MS Lot-Sample #: D4D020177-001 GDE201A0-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Terphenyl-d14	NC,DIL	(30 - 98)
	NC,DIL	(30 - 98)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GDE201AX-MS Matrix.....: SOLID
MS Lot-Sample #: D4D020177-001 GDE201A0-MSD
Date Sampled...: 04/01/04 09:45 Date Received..: 04/02/04
Prep Date.....: 04/07/04 Analysis Date..: 04/22/04
Prep Batch #...: 4097621 Analysis Time..: 20:45
Dilution Factor: 5

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	ND	0.0		ug/kg	NC,DIL		SW846 8270C
	ND	0.0		ug/kg	NC,DIL		SW846 8270C
4-Chloro-3-methylphenol	ND	0.0		ug/kg	NC,DIL		SW846 8270C
	ND	0.0		ug/kg	NC,DIL		SW846 8270C
2-Chlorophenol	ND	0.0		ug/kg	NC,DIL		SW846 8270C
	ND	0.0		ug/kg	NC,DIL		SW846 8270C
1,4-Dichlorobenzene	ND	0.0		ug/kg	NC,DIL		SW846 8270C
	ND	0.0		ug/kg	NC,DIL		SW846 8270C
2,4-Dinitrotoluene	ND	0.0		ug/kg	NC,DIL		SW846 8270C
	ND	0.0		ug/kg	NC,DIL		SW846 8270C
4-Nitrophenol	ND	0.0		ug/kg	NC,DIL		SW846 8270C
	ND	0.0		ug/kg	NC,DIL		SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	0.0		ug/kg	NC,DIL		SW846 8270C
	ND	0.0		ug/kg	NC,DIL		SW846 8270C
Pentachlorophenol	ND	0.0		ug/kg	NC,DIL		SW846 8270C
	ND	0.0		ug/kg	NC,DIL		SW846 8270C
Phenol	ND	0.0		ug/kg	NC,DIL		SW846 8270C
	ND	0.0		ug/kg	NC,DIL		SW846 8270C
Pyrene	ND	0.0		ug/kg	NC,DIL		SW846 8270C
	ND	0.0		ug/kg	NC,DIL		SW846 8270C
1,2,4-Trichloro-benzene	ND	0.0		ug/kg	NC,DIL		SW846 8270C
	ND	0.0		ug/kg	NC,DIL		SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	NC,DIL	(28 - 95)
	NC,DIL	(28 - 95)
Phenol-d5	NC,DIL	(35 - 90)
	NC,DIL	(35 - 90)
Nitrobenzene-d5	NC,DIL	(39 - 89)
	NC,DIL	(39 - 89)
2-Fluorobiphenyl	NC,DIL	(35 - 86)
	NC,DIL	(35 - 86)
2,4,6-Tribromophenol	NC,DIL	(11 - 111)
	NC,DIL	(11 - 111)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GDE201AX-MS Matrix.....: SOLID
MS Lot-Sample #: D4D020177-001 GDE201A0-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Terphenyl-d14	NC,DIL	(30 - 98)
	NC,DIL	(30 - 98)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GDJ8X1AA Matrix.....: SOLID
MB Lot-Sample #: D4D050000-552

Prep Date.....: 04/06/04 Analysis Time..: 13:34
Analysis Date..: 04/28/04 Prep Batch #...: 4096552
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aldrin	ND	1.7	ug/kg	SW846 8081A
alpha-BHC	ND	1.7	ug/kg	SW846 8081A
beta-BHC	ND	1.7	ug/kg	SW846 8081A
delta-BHC	ND	1.7	ug/kg	SW846 8081A
gamma-BHC (Lindane)	ND	1.7	ug/kg	SW846 8081A
Chlordane (technical)	ND	17	ug/kg	SW846 8081A
4,4'-DDD	ND	1.7	ug/kg	SW846 8081A
4,4'-DDE	ND	1.7	ug/kg	SW846 8081A
4,4'-DDT	ND	1.7	ug/kg	SW846 8081A
Dieldrin	ND	1.7	ug/kg	SW846 8081A
Endrin	ND	1.7	ug/kg	SW846 8081A
Endrin aldehyde	ND	1.7	ug/kg	SW846 8081A
Endosulfan I	ND	1.7	ug/kg	SW846 8081A
Endosulfan II	ND	1.7	ug/kg	SW846 8081A
Endosulfan sulfate	ND	1.7	ug/kg	SW846 8081A
Heptachlor	ND	1.7	ug/kg	SW846 8081A
Heptachlor epoxide	ND	1.7	ug/kg	SW846 8081A
Methoxychlor	ND	3.3	ug/kg	SW846 8081A
Toxaphene	ND	170	ug/kg	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	136	(41 - 142)
Tetrachloro-m-xylene	106	(50 - 127)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GDJ8X1AC Matrix.....: SOLID
LCS Lot-Sample#: D4D050000-552
Prep Date.....: 04/06/04 Analysis Date..: 04/24/04
Prep Batch #...: 4096552 Analysis Time..: 02:12
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aldrin	**101**	**(72 - 113)**	**SW846 8081A**
gamma-BHC (Lindane)	**98**	**(71 - 112)**	**SW846 8081A**
4,4'-DDT	**107**	**(66 - 125)**	**SW846 8081A**
Dieldrin	**106**	**(76 - 115)**	**SW846 8081A**
Endrin	**121**	**(73 - 124)**	**SW846 8081A**
Heptachlor	**101**	**(68 - 123)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	126	(66 - 128)
Tetrachloro-m-xylene	98	(65 - 119)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GDJ8X1AC Matrix.....: SOLID
LCS Lot-Sample#: D4D050000-552
Prep Date.....: 04/06/04 Analysis Date..: 04/24/04
Prep Batch #...: 4096552 Analysis Time..: 02:12
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aldrin	16.7	16.8	ug/kg	101	SW846 8081A
gamma-BHC (Lindane)	16.7	16.3	ug/kg	98	SW846 8081A
4,4'-DDT	16.7	17.8	ug/kg	107	SW846 8081A
Dieldrin	16.7	17.7	ug/kg	106	SW846 8081A
Endrin	16.7	20.2	ug/kg	121	SW846 8081A
Heptachlor	16.7	16.9	ug/kg	101	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	126	(66 - 128)
Tetrachloro-m-xylene	98	(65 - 119)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GET271AD-MS Matrix.....: SOLID
MS Lot-Sample #: D4D010150-002 GET271AE-MSD
Date Sampled...: 03/29/04 08:04 Date Received..: 03/30/04
Prep Date.....: 04/06/04 Analysis Date..: 04/24/04
Prep Batch #...: 4096552 Analysis Time..: 03:09
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aldrin	**NC,DIL**	**(56 - 117)**			**SW846 8081A**
	NC,DIL	**(56 - 117)**		**(0-30)**	**SW846 8081A**
gamma-BHC (Lindane)	**NC,DIL**	**(55 - 122)**			**SW846 8081A**
	NC,DIL	**(55 - 122)**		**(0-30)**	**SW846 8081A**
4,4'-DDT	**NC,DIL**	**(47 - 132)**			**SW846 8081A**
	NC,DIL	**(47 - 132)**		**(0-30)**	**SW846 8081A**
Dieldrin	**NC,DIL**	**(57 - 117)**			**SW846 8081A**
	NC,DIL	**(57 - 117)**		**(0-30)**	**SW846 8081A**
Endrin	**NC,DIL**	**(56 - 130)**			**SW846 8081A**
	NC,DIL	**(56 - 130)**		**(0-30)**	**SW846 8081A**
Heptachlor	**NC,DIL**	**(41 - 134)**			**SW846 8081A**
	NC,DIL	**(41 - 134)**		**(0-30)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	**NC,DIL**	**(41 - 142)**
	NC,DIL	**(41 - 142)**
Tetrachloro-m-xylene	**NC,DIL**	**(50 - 127)**
	NC,DIL	**(50 - 127)**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GET271AD-MS Matrix.....: SOLID
MS Lot-Sample #: D4D010150-002 GET271AE-MSD
Date Sampled...: 03/29/04 08:04 Date Received..: 03/30/04
Prep Date.....: 04/06/04 Analysis Date..: 04/24/04
Prep Batch #...: 4096552 Analysis Time..: 03:09
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aldrin	ND			ug/kg	NC,DIL		SW846 8081A
	ND			ug/kg	NC,DIL		SW846 8081A
gamma-BHC (Lindane)	ND			ug/kg	NC,DIL		SW846 8081A
	ND			ug/kg	NC,DIL		SW846 8081A
4,4'-DDT	ND			ug/kg	NC,DIL		SW846 8081A
	ND			ug/kg	NC,DIL		SW846 8081A
Dieldrin	ND			ug/kg	NC,DIL		SW846 8081A
	ND			ug/kg	NC,DIL		SW846 8081A
Endrin	ND			ug/kg	NC,DIL		SW846 8081A
	ND			ug/kg	NC,DIL		SW846 8081A
Heptachlor	ND			ug/kg	NC,DIL		SW846 8081A
	ND			ug/kg	NC,DIL		SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	NC,DIL	(41 - 142)
	NC,DIL	(41 - 142)
Tetrachloro-m-xylene	NC,DIL	(50 - 127)
	NC,DIL	(50 - 127)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GDHT41AA Matrix.....: SOLID
MB Lot-Sample #: D4D040000-125

Prep Date.....: 04/04/04 Analysis Time..: 07:01
Analysis Date..: 04/12/04 Prep Batch #...: 4095125
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Azinphos-methyl	ND	13	ug/kg	SW846 8141A
Bolstar	ND	13	ug/kg	SW846 8141A
Chlorpyrifos	ND	13	ug/kg	SW846 8141A
Coumaphos	ND	13	ug/kg	SW846 8141A
Demeton (total)	ND	13	ug/kg	SW846 8141A
Diazinon	ND	13	ug/kg	SW846 8141A
Dichlorvos	ND	13	ug/kg	SW846 8141A
Dimethoate	ND	13	ug/kg	SW846 8141A
Disulfoton	ND	13	ug/kg	SW846 8141A
Ethoprop	ND	13	ug/kg	SW846 8141A
Ethyl parathion	ND	13	ug/kg	SW846 8141A
Famphur	ND	13	ug/kg	SW846 8141A
Fensulfothion	ND	13	ug/kg	SW846 8141A
Fenthion	ND	13	ug/kg	SW846 8141A
Malathion	ND	13	ug/kg	SW846 8141A
Merphos	ND	13	ug/kg	SW846 8141A
Methyl parathion	ND	13	ug/kg	SW846 8141A
Mevinphos	ND	13	ug/kg	SW846 8141A
Naled	ND	33	ug/kg	SW846 8141A
O,O,O-Triethylphosphorothioate	ND	13	ug/kg	SW846 8141A
Phorate	ND	13	ug/kg	SW846 8141A
Ronnel	ND	67	ug/kg	SW846 8141A
Sulfotepp	ND	13	ug/kg	SW846 8141A
Thionazin	ND	13	ug/kg	SW846 8141A
Tokuthion	ND	13	ug/kg	SW846 8141A
Trichloronate	ND	13	ug/kg	SW846 8141A
EPN	ND	13	ug/kg	SW846 8141A
Demeton-O	ND	13	ug/kg	SW846 8141A
Demeton-S	ND	13	ug/kg	SW846 8141A
Tetrachlorvinphos (Stirop	ND	13	ug/kg	SW846 8141A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Ethyl Pirimifos	70	(11 - 137)
Chlormefos	76	(37 - 124)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GDHT41AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: D4D040000-125 GDHT41AD-LCSD
Prep Date.....: 04/04/04 Analysis Date..: 04/12/04
Prep Batch #...: 4095125 Analysis Time..: 07:35
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Demeton (total)	116 a	(27 - 104)			SW846 8141A
	32 p	(27 - 104)	113	(0-40)	SW846 8141A
Diazinon	175 a	(60 - 135)			SW846 8141A
	180 a	(60 - 135)	3.0	(0-40)	SW846 8141A
Ethyl parathion	138 a	(74 - 127)			SW846 8141A
	166 a	(74 - 127)	19	(0-40)	SW846 8141A
Malathion	168 a	(64 - 138)			SW846 8141A
	165 a	(64 - 138)	1.5	(0-40)	SW846 8141A
Methyl parathion	151 a	(72 - 108)			SW846 8141A
	171 a	(72 - 108)	12	(0-40)	SW846 8141A
Phorate	160 a	(58 - 106)			SW846 8141A
	135 a	(58 - 106)	17	(0-40)	SW846 8141A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Ethyl Pirimifos	88	(36 - 118)
	76	(36 - 118)
Chlormefos	83	(59 - 112)
	84	(59 - 112)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D4D030176 **Work Order #...:** GDHT41AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D4D040000-125 GDHT41AD-LCSD
Prep Date.....: 04/04/04 **Analysis Date..:** 04/12/04
Prep Batch #...: 4095125 **Analysis Time..:** 07:35
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Demeton (total)	66.7	77.2 a	ug/kg	116		SW846 8141A
	66.7	21.6 p	ug/kg	32	113	SW846 8141A
Diazinon	66.7	116 a	ug/kg	175		SW846 8141A
	66.7	120 a	ug/kg	180	3.0	SW846 8141A
Ethyl parathion	66.7	91.9 a	ug/kg	138		SW846 8141A
	66.7	111 a	ug/kg	166	19	SW846 8141A
Malathion	66.7	112 a	ug/kg	168		SW846 8141A
	66.7	110 a	ug/kg	165	1.5	SW846 8141A
Methyl parathion	66.7	101 a	ug/kg	151		SW846 8141A
	66.7	114 a	ug/kg	171	12	SW846 8141A
Phorate	66.7	106 a	ug/kg	160		SW846 8141A
	66.7	90.1 a	ug/kg	135	17	SW846 8141A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Ethyl Pirimifos	88	(36 - 118)
	76	(36 - 118)
Chlormefos	83	(59 - 112)
	84	(59 - 112)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GCQ2E1DC-MS Matrix.....: SOLID
MS Lot-Sample #: D4C230295-008 GCQ2E1DD-MSD
Date Sampled...: 03/22/04 09:45 Date Received..: 03/23/04
Prep Date.....: 04/04/04 Analysis Date..: 04/12/04
Prep Batch #...: 4095125 Analysis Time..: 09:47
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Demeton (total)	227 a	(33 - 131)			SW846 8141A
	207 a	(33 - 131)	9.3	(0-40)	SW846 8141A
Diazinon	228 a	(20 - 168)			SW846 8141A
	214 a	(20 - 168)	6.4	(0-40)	SW846 8141A
Ethyl parathion	170	(20 - 175)			SW846 8141A
	170	(20 - 175)	0.26	(0-40)	SW846 8141A
Malathion	184 a	(42 - 148)			SW846 8141A
	186 a	(42 - 148)	1.3	(0-40)	SW846 8141A
Methyl parathion	177 a	(35 - 129)			SW846 8141A
	179 a	(35 - 129)	1.0	(0-40)	SW846 8141A
Phorate	201 a	(20 - 145)			SW846 8141A
	193 a	(20 - 145)	4.0	(0-40)	SW846 8141A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Ethyl Pirimifos	80	(11 - 137)
	78	(11 - 137)
Chlormefos	106	(37 - 124)
	100	(37 - 124)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GCQ2E1DC-MS Matrix.....: SOLID
MS Lot-Sample #: D4C230295-008 GCQ2E1DD-MSD
Date Sampled...: 03/22/04 09:45 Date Received..: 03/23/04
Prep Date.....: 04/04/04 Analysis Date..: 04/12/04
Prep Batch #...: 4095125 Analysis Time..: 09:47
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Demeton (total)	ND	93.0	211	ug/kg	227 a		SW846 8141A
	ND	93.0	192	ug/kg	207 a	9.3	SW846 8141A
Diazinon	ND	93.0	212	ug/kg	228 a		SW846 8141A
	ND	93.0	199	ug/kg	214 a	6.4	SW846 8141A
Ethyl parathion	ND	93.0	158	ug/kg	170		SW846 8141A
	ND	93.0	158	ug/kg	170	0.26	SW846 8141A
Malathion	ND	93.0	171	ug/kg	184 a		SW846 8141A
	ND	93.0	173	ug/kg	186 a	1.3	SW846 8141A
Methyl parathion	ND	93.0	164	ug/kg	177 a		SW846 8141A
	ND	93.0	166	ug/kg	179 a	1.0	SW846 8141A
Phorate	ND	93.0	187	ug/kg	201 a		SW846 8141A
	ND	93.0	180	ug/kg	193 a	4.0	SW846 8141A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Ethyl Pirimifos	80	(11 - 137)
	78	(11 - 137)
Chlormefos	106	(37 - 124)
	100	(37 - 124)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GDQNR1AA Matrix.....: SOLID
MB Lot-Sample #: D4D070000-553

Prep Date.....: 04/08/04 Analysis Time..: 17:39
Analysis Date..: 04/13/04 Prep Batch #...: 4098553
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-D	ND	80	ug/kg	SW846 8151A
2,4-DB	ND	80	ug/kg	SW846 8151A
2,4,5-T	ND	20	ug/kg	SW846 8151A
2,4,5-TP (Silvex)	ND	20	ug/kg	SW846 8151A
Dalapon	ND	40	ug/kg	SW846 8151A
Dicamba	ND	40	ug/kg	SW846 8151A
Dichlorprop	ND	80	ug/kg	SW846 8151A
Dinoseb	ND	12	ug/kg	SW846 8151A
MCPA	ND	8000	ug/kg	SW846 8151A
MCPP	ND	8000	ug/kg	SW846 8151A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	96	(39 - 96)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GDQNR1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: D4D070000-553 GDQNR1AD-LCSD
Prep Date.....: 04/08/04 Analysis Date..: 04/13/04
Prep Batch #...: 4098553 Analysis Time..: 18:20
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
2,4-D	93 a	(26 - 92)			SW846 8151A
	89	(26 - 92)	5.1	(0-40)	SW846 8151A
2,4,5-T	111	(26 - 115)			SW846 8151A
	108	(26 - 115)	2.6	(0-40)	SW846 8151A
2,4,5-TP (Silvex)	112	(31 - 114)			SW846 8151A
	110	(31 - 114)	2.1	(0-40)	SW846 8151A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	102 *	(39 - 96)
	95	(39 - 96)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

* Surrogate recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GDQNR1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: D4D070000-553 GDQNR1AD-LCSD
Prep Date.....: 04/08/04 Analysis Date..: 04/13/04
Prep Batch #...: 4098553 Analysis Time..: 18:20
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
2,4-D	64.0	59.8 a	ug/kg	93		SW846 8151A
	64.0	56.8	ug/kg	89	5.1	SW846 8151A
2,4,5-T	16.0	17.7	ug/kg	111		SW846 8151A
	16.0	17.3	ug/kg	108	2.6	SW846 8151A
2,4,5-TP (Silvex)	16.0	18.0	ug/kg	112		SW846 8151A
	16.0	17.6	ug/kg	110	2.1	SW846 8151A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	102 *	(39 - 96)
	95	(39 - 96)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...:	D4D030176	Work Order #...:	GDPJ41AJ-MS	Matrix.....:	SOLID
MS Lot-Sample #:	D4D070249-001		GDPJ41AK-MSD		
Date Sampled...:	04/05/04	Date Received..:	04/07/04		
Prep Date.....:	04/08/04	Analysis Date..:	04/14/04		
Prep Batch #...:	4098553	Analysis Time..:	02:38		
Dilution Factor:	1				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
2,4-D	**103 a**	**(26 - 92)**			**SW846 8151A**
	81	**(26 - 92)**	**23**	**(0-40)**	**SW846 8151A**
2,4,5-T	**121 a**	**(26 - 115)**			**SW846 8151A**
	103	**(26 - 115)**	**16**	**(0-40)**	**SW846 8151A**
2,4,5-TP (Silvex)	**120 a**	**(31 - 114)**			**SW846 8151A**
	101	**(31 - 114)**	**17**	**(0-40)**	**SW846 8151A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	**103 ***	**(39 - 96)**
	88	**(39 - 96)**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D4D030176 Work Order #...: GDPJ41AJ-MS Matrix.....: SOLID
MS Lot-Sample #: D4D070249-001 GDPJ41AK-MSD
Date Sampled...: 04/05/04 Date Received..: 04/07/04
Prep Date.....: 04/08/04 Analysis Date..: 04/14/04
Prep Batch #...: 4098553 Analysis Time..: 02:38
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2,4-D	ND	64.0	65.6	ug/kg	103 a		SW846 8151A
	ND	64.0	52.1	ug/kg	81	23	SW846 8151A
2,4,5-T	ND	16.0	19.4	ug/kg	121 a		SW846 8151A
	ND	16.0	16.5	ug/kg	103	16	SW846 8151A
2,4,5-TP (Silvex)	ND	16.0	19.2	ug/kg	120 a		SW846 8151A
	ND	16.0	16.2	ug/kg	101	17	SW846 8151A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	103 *	(39 - 96)
	88	(39 - 96)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

* Surrogate recovery is outside stated control limits.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D4D030176 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D4D050000-254 Prep Batch #...: 4096254						
Mercury	ND	33	ug/kg	SW846 7471A	04/13-04/14/04	GDH7J1AA
		Dilution Factor: 1				
		Analysis Time..: 11:44				
MB Lot-Sample #: D4D060000-647 Prep Batch #...: 4097647						
Arsenic	ND	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDM8G1AC
		Dilution Factor: 1				
		Analysis Time..: 01:24				
Lead	ND	0.80	mg/kg	SW846 6010B	04/09-04/17/04	GDM8G1AK
		Dilution Factor: 1				
		Analysis Time..: 01:24				
Selenium	ND	1.3	mg/kg	SW846 6010B	04/09-04/17/04	GDM8G1AN
		Dilution Factor: 1				
		Analysis Time..: 01:24				
Barium	ND	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDM8G1AD
		Dilution Factor: 1				
		Analysis Time..: 01:24				
Cadmium	ND	0.50	mg/kg	SW846 6010B	04/09-04/17/04	GDM8G1AF
		Dilution Factor: 1				
		Analysis Time..: 01:24				
Chromium	ND	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDM8G1AG
		Dilution Factor: 1				
		Analysis Time..: 01:24				
Silver	ND	1.0	mg/kg	SW846 6010B	04/09-04/17/04	GDM8G1AP
		Dilution Factor: 1				
		Analysis Time..: 01:24				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D4D030176 Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D4D050000-254 Prep Batch #...: 4096254					
Mercury	90	(82 - 113)	SW846 7471A	04/13-04/14/04	GDH7J1AC
		Dilution Factor: 1	Analysis Time..: 11:46		
LCS Lot-Sample#: D4D060000-647 Prep Batch #...: 4097647					
Arsenic	89	(80 - 111)	SW846 6010B	04/09-04/17/04	GDM8G1AV
		Dilution Factor: 1	Analysis Time..: 01:29		
Lead	91	(80 - 116)	SW846 6010B	04/09-04/17/04	GDM8G1A4
		Dilution Factor: 1	Analysis Time..: 01:29		
Selenium	88	(80 - 112)	SW846 6010B	04/09-04/17/04	GDM8G1A7
		Dilution Factor: 1	Analysis Time..: 01:29		
Barium	97	(80 - 117)	SW846 6010B	04/09-04/17/04	GDM8G1AW
		Dilution Factor: 1	Analysis Time..: 01:29		
Cadmium	88	(80 - 119)	SW846 6010B	04/09-04/17/04	GDM8G1A0
		Dilution Factor: 1	Analysis Time..: 01:29		
Chromium	94	(80 - 120)	SW846 6010B	04/09-04/17/04	GDM8G1A1
		Dilution Factor: 1	Analysis Time..: 01:29		
Silver	93	(80 - 109)	SW846 6010B	04/09-04/17/04	GDM8G1A8
		Dilution Factor: 1	Analysis Time..: 01:29		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D4D030176 **Matrix.....: SOLID**

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D4D050000-254 Prep Batch #...: 4096254							
Mercury	833	750	ug/kg	90	SW846 7471A	04/13-04/14/04	GDH7J1AC
			Dilution Factor: 1		Analysis Time..: 11:46		
LCS Lot-Sample#: D4D060000-647 Prep Batch #...: 4097647							
Arsenic	200	177	mg/kg	89	SW846 6010B	04/09-04/17/04	GDM8G1AV
			Dilution Factor: 1		Analysis Time..: 01:29		
Lead	50.0	45.6	mg/kg	91	SW846 6010B	04/09-04/17/04	GDM8G1A4
			Dilution Factor: 1		Analysis Time..: 01:29		
Selenium	200	177	mg/kg	88	SW846 6010B	04/09-04/17/04	GDM8G1A7
			Dilution Factor: 1		Analysis Time..: 01:29		
Barium	200	193	mg/kg	97	SW846 6010B	04/09-04/17/04	GDM8G1AW
			Dilution Factor: 1		Analysis Time..: 01:29		
Cadmium	5.00	4.40	mg/kg	88	SW846 6010B	04/09-04/17/04	GDM8G1A0
			Dilution Factor: 1		Analysis Time..: 01:29		
Chromium	20.0	18.7	mg/kg	94	SW846 6010B	04/09-04/17/04	GDM8G1A1
			Dilution Factor: 1		Analysis Time..: 01:29		
Silver	5.00	4.65	mg/kg	93	SW846 6010B	04/09-04/17/04	GDM8G1A8
			Dilution Factor: 1		Analysis Time..: 01:29		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D4D030176 **Matrix.....:** SOLID
Date Sampled...: 03/29/04 **Date Received..:** 03/30/04

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D4C300294-001 **Prep Batch #...:** 4096254							
Mercury	104	(82 - 113)			SW846 7471A	04/13-04/14/04	GC7TP1CE
	93	(82 - 113)	10	(0-20)	SW846 7471A	04/13-04/14/04	GC7TP1CF

Dilution Factor: 1
Analysis Time..: 11:50

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D4D030176 **Matrix.....:** SOLID
Date Sampled...: 03/29/04 **Date Received..:** 03/30/04

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D4C300294-001 **Prep Batch #...:** 4096254									
Mercury									
	44	966	1050	ug/kg	104		SW846 7471A	04/13-04/14/04	GC7TP1CE
	44	966	945	ug/kg	93	10	SW846 7471A	04/13-04/14/04	GC7TP1CF

Dilution Factor: 1
Analysis Time..: 11:50

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D4D030176 **Matrix.....: SOLID**
Date Sampled...: 04/01/04 09:45 Date Received..: 04/02/04

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D4D020177-001 Prep Batch #...: 4097647							
Arsenic	44 N	(76 - 111)			SW846 6010B	04/09-04/17/04	GDE201A3
	76 *	(76 - 111)	52	(0-30)	SW846 6010B	04/09-04/17/04	GDE201A4
		Dilution Factor: 1					
		Analysis Time..: 01:42					
Lead	44 N	(70 - 200)			SW846 6010B	04/09-04/17/04	GDE201CJ
	79 *	(70 - 200)	54	(0-40)	SW846 6010B	04/09-04/17/04	GDE201CK
		Dilution Factor: 1					
		Analysis Time..: 01:42					
Selenium	46 N	(76 - 104)			SW846 6010B	04/09-04/17/04	GDE201CQ
	77 *	(76 - 104)	51	(0-30)	SW846 6010B	04/09-04/17/04	GDE201CR
		Dilution Factor: 1					
		Analysis Time..: 01:42					
Barium	52	(52 - 159)			SW846 6010B	04/09-04/17/04	GDE201A5
	112 *	(52 - 159)	53	(0-30)	SW846 6010B	04/09-04/17/04	GDE201A6
		Dilution Factor: 1					
		Analysis Time..: 01:42					
Cadmium	40	(40 - 130)			SW846 6010B	04/09-04/17/04	GDE201A9
	72 *	(40 - 130)	56	(0-30)	SW846 6010B	04/09-04/17/04	GDE201CA
		Dilution Factor: 1					
		Analysis Time..: 01:42					
Chromium	136	(70 - 200)			SW846 6010B	04/09-04/17/04	GDE201CC
	119	(70 - 200)	8.6	(0-40)	SW846 6010B	04/09-04/17/04	GDE201CD
		Dilution Factor: 1					
		Analysis Time..: 01:42					
Silver	45 N	(75 - 141)			SW846 6010B	04/09-04/17/04	GDE201CT
	79 *	(75 - 141)	51	(0-30)	SW846 6010B	04/09-04/17/04	GDE201CU
		Dilution Factor: 1					
		Analysis Time..: 01:42					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D4D030176 **Matrix.....:** SOLID
Date Sampled...: 04/01/04 09:45 **Date Received..:** 04/02/04

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D4D020177-001 **Prep Batch #...:** 4097647									
Arsenic									
	1.7	207	92.6 N	mg/kg	44		SW846 6010B	04/09-04/17/04	GDE201A3
	1.7	207	158 *	mg/kg	76	52	SW846 6010B	04/09-04/17/04	GDE201A4
			Dilution Factor: 1						
			Analysis Time..: 01:42						
Lead									
	2.1	51.7	25.0 N	mg/kg	44		SW846 6010B	04/09-04/17/04	GDE201CJ
	2.1	51.7	43.2 *	mg/kg	79	54	SW846 6010B	04/09-04/17/04	GDE201CK
			Dilution Factor: 1						
			Analysis Time..: 01:42						
Selenium									
	ND	207	94.9 N	mg/kg	46		SW846 6010B	04/09-04/17/04	GDE201CQ
	ND	207	160 *	mg/kg	77	51	SW846 6010B	04/09-04/17/04	GDE201CR
			Dilution Factor: 1						
			Analysis Time..: 01:42						
Barium									
	67	207	173	mg/kg	52		SW846 6010B	04/09-04/17/04	GDE201A5
	67	207	298 *	mg/kg	112	53	SW846 6010B	04/09-04/17/04	GDE201A6
			Dilution Factor: 1						
			Analysis Time..: 01:42						
Cadmium									
	ND	5.17	2.09	mg/kg	40		SW846 6010B	04/09-04/17/04	GDE201A9
	ND	5.17	3.73 *	mg/kg	72	56	SW846 6010B	04/09-04/17/04	GDE201CA
			Dilution Factor: 1						
			Analysis Time..: 01:42						
Chromium									
	13	20.7	40.8	mg/kg	136		SW846 6010B	04/09-04/17/04	GDE201CC
	13	20.7	37.5	mg/kg	119	8.6	SW846 6010B	04/09-04/17/04	GDE201CD
			Dilution Factor: 1						
			Analysis Time..: 01:42						
Silver									
	0.18	5.17	2.53 N	mg/kg	45		SW846 6010B	04/09-04/17/04	GDE201CT
	0.18	5.17	4.24 *	mg/kg	79	51	SW846 6010B	04/09-04/17/04	GDE201CU
			Dilution Factor: 1						
			Analysis Time..: 01:42						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D4D030176 **Matrix.....:** SOLID
Date Sampled...: 04/01/04 09:45 **Date Received..:** 04/02/04

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

* Relative percent difference (RPD) is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D4D030176 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Fluoride		Work Order #: GECM61AA		MB Lot-Sample #:	D4D160000-487	
	ND	10	mg/kg	SW846 9056	04/15/04	4107487
		Dilution Factor: 1				
		Analysis Time..: 15:42				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D4D030176 **Matrix.....: SOLID**

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Fluoride		WO#:GECM61AC-LCS/GECM61AD-LCSD				LCS Lot-Sample#: D4D160000-487	
	98	(90 - 110)			SW846 9056	04/15/04	4107487
	100	(90 - 110)	1.9	(0-10)	SW846 9056	04/15/04	4107487

Dilution Factor: 1 *Analysis Time..: 15:20*

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D4D030176 **Matrix.....: SOLID**

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Fluoride		WO#:GECM61AC-LCS/GECM61AD-LCSD				LCS Lot-Sample#: D4D160000-487		
	40.0	39.3	mg/kg	98		SW846 9056	04/15/04	4107487
	40.0	40.0	mg/kg	100	1.9	SW846 9056	04/15/04	4107487

Dilution Factor: 1 Analysis Time..: 15:20

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D4D030176 Matrix.....: SOLID
Date Sampled...: 04/01/04 12:30 Date Received..: 04/03/04

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Fluoride		WO#: GDHQL1AV-MS/GDHQL1AW-MSD				MS Lot-Sample #: D4D030176-001	
	94	(80 - 120)			SW846 9056	04/15/04	4107487
	94	(80 - 120)	0.48	(0-10)	SW846 9056	04/15/04	4107487
		Dilution Factor: 1					
		Analysis Time..: 16:05					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D4D030176 **Matrix.....:** SOLID
Date Sampled...: 04/01/04 12:30 **Date Received..:** 04/03/04

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Fluoride			NO#: GDHQL1AV-MS/GDHQL1AW-MSD		MS Lot-Sample #: D4D030176-001				
	ND	50.8	48.4	mg/kg	94		SW846 9056	04/15/04	4107487
	ND	50.8	48.6	mg/kg	94	0.48	SW846 9056	04/15/04	4107487

Dilution Factor: 1
Analysis Time..: 16:05

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D4D030176 **Work Order #...:** GD518-SMP GD518-DUP **Matrix.....:** SOLID

Date Sampled...: 04/12/04 14:30 **Date Received..:** 04/14/04

% Moisture.....: 20

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #:	D4D140295-001	
	20	19	%	8.6	(0-20)	MCAWW 160.3 MOD	04/19/04	4110593

Dilution Factor: 1 Analysis Time..: 17:35

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D4D030176 Work Order #...: GD8HQ-SMP Matrix.....: SOLID
GD8HQ-DUP
Date Sampled...: 04/09/04 12:15 Date Received..: 04/15/04
% Moisture.....: 21

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #:	D4D150302-001	
	21	19	%	9.9	(0-20)	MCAWW 160.3 MOD	04/20/04	4111603

Dilution Factor: 1 Analysis Time..: 17:15

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D4D030176 Work Order #...: GEFX5-SMP Matrix.....: SOLID
GEFX5-DUP
Date Sampled...: 04/14/04 13:20 Date Received..: 04/19/04
% Moisture.....: 14

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #: D4D190181-013		
	14	15	%	6.5	(0-20)	MCAWW 160.3 MOD	04/20/04	4111603

Dilution Factor: 1 Analysis Time..: 17:15

2.3 ow DJ 4/5/04

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

TL-4124 (0901)

Client: LES / Cook-Joyce, Inc	Project Manager: Doug Granger (CSI)	Date: 4/2/04	Chain of Custody Number: 304444
Address: 812 W. 11TH	Telephone Number (Area Code)/Fax Number: 512/474-9097 / 512-474-8463	Lab Number:	Page ____ of ____
City: Austin / State: TX / Zip Code: 78701	Site Contact: Doug Granger	Lab Contact: Gail Devieux	Analysis (Attach list if more space is needed)
Project Name and Location (State): LES - Lea Co. NM	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	ICE	VOC 8260B	SVOC 8270C	RCRA Metals	Pesticides	Herbicides	Fungicides	Fluoride Conc	Special Instructions/ Conditions of Receipt
																					RCRA & METALS
SS-2	4/1	12:30				X							X	X	X	X	X	X	X	X	METHOD AJ
SS-6	4/1	10:40				X							X	X	X	X	X	X	X	X	0.06 - 0.75 ppb
SS-9	4/1	3:15				X							X	X	X	X	X	X	X	X	
SS-11	4/1	10:00				X							X	X	X	X	X	X	X	X	PEST 8081A
SS-12	4/1	3:40				X							X	X	X	X	X	X	X	X	HERB 8141A
SS-13	4/1	4:10				X							X	X	X	X	X	X	X	X	FUNG 8151A
SS-15	4/1	1:10				X							X	X	X	X	X	X	X	X	FLUORIDE 9056
SS-16	4/1	2:40				X							X	X	X	X	X	X	X	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☑ Archive For 2 Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other ____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Doug Granger	4/2/02	12:30	1. Received By: Peter Cole	4-3-04	0830
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy