Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

June 10, 2008

Mr. Judson Smith
Project Chemist, CESAS-EN-GG
U.S. Army Corps of Engineers, Savannah District
100 W. Oglethorpe Ave.
P. O. Box 889
Savannah, GA 31401-0360
Phone: 912-652-5673
Fax: 912-652-5311

Dear Mr. Smith:

RE: Lamont Landfill Fort Bragg DO# 109
W912HN-05-D-0013
AML Work Order Number: 0805116

Attached, please find the hardcopy analytical report (71 total pages) for environmental samples collected by CESAS for the project described above. The analytical results included in this report relate only to the samples received by Analytical Management Laboratories (AML). Problems encountered in the analysis of these samples are documented in the laboratory case narrative observations and non-conformances and/or data qualifiers. The case narrative is an integral part of this report. This report has been paginated and may not be reproduced for distribution, except in full, without the written approval of AML. The electronic data deliverables (EDDs) for this report will be e-mailed within a few days of this report. Please feel free to contact me by phone (913-829-0101-ext. 23), fax (913-829-1181) or email (rstrauss@amlabinc.com) if you have any questions.

Respectfully Submitted,
Analytical Management Laboratories, Inc.

Rebecca E. Strauss

Rebecca Strauss
Project Manager

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Case Narrative

Project and Sample Information

Task order information, completed copies of the chain of custody form(s), and Analytical Management Laboratories (AML) sample condition upon receipt form (s) are included in the Project and Sample Information section. The AML laboratory information management system (LIMS)-generated sample status and receipt report, showing field sample identifiers and corresponding laboratory identifiers is also included.

Reports

The hardcopy laboratory reports and electronic data deliverables (EDDs) were prepared using the Promium Element Data System (LIMS). Under the procedure used by the laboratory, the hardcopy reports are generated using information contained in a database, which is also used to generate electronic deliverables to assure data integrity between the two media. The attached report is organized as follows:

Cover Letter
Laboratory Case Narrative
Sample Information
Sample Result Forms, organized in the following order: by test and by sample.

Quality Control (QC) Summary Reports, organized in the following order: by test, by matrix, and by QC batch number. The QC Summary for each analytical batch contains the following, when applicable:

1. QC Association Form
2. Surrogate Recovery Summary, when applicable
3. Method Blank (MB) Results
4. Laboratory Control Sample (LCS) Results
5. LCS duplicate (LCSD) Results, when available
6. LCS Recoveries Summary
7. LCSD (when applicable) Recoveries and RPD Summary
8. Matrix Spike (MS) Results
9. MS duplicate (MSD) Results
10. MS Recoveries Summary
11. MSD Recoveries and RPD Summary

Sample Result Forms
Sample results are shown on modified Form 1 equivalents with the following qualifiers:

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

U = Not detected or detected below method detection limit (MDL) or the limit of detection (LOD).
J = Detected above MDL or LOD but below the limit of quantitation (LOQ).
P = RPD >40% between primary and confirmation column results for dual column chromatographic methods (e.g. GC and HPLC methods).
E = Detected at levels in excess of the upper calibration limit.
B = Detected in the associated method blank
Q1 = The %D or %Drift for the associated CCV is outside the method QC limit.
* = Exceeds QC limits
ME = Marginal exceedence of the 3-sigma QC limits
ME* = Exceedence of the 4-sigma QC limits
X = as defined in the case narrative when utilized

The LODs and LOQs have been adjusted for sample weight or volume, dilution, and percent solids, when applicable. MDLs are statistically defined, instrument-specific quantities, which are used as LODs for some tests. For situations when multiple MDLs exist for a test (e.g several instruments running the same test on a given matrix) or when MDLs are unachievable on a routine basis, LODs, which may be grater than MDL but typically one-half of the applicable LOQs are used to define cut-off points for reporting positive results. The LOQs are typically the lowest point on the initial calibration curve.

Quantitative results for analytes detected in the sample (positive results) are shown under the column labeled "Result". Results coded with the qualifier E should not be used unless additional analyses were unavailable due to other limitations. Data coded as E should not be compared to other data since non-linearity in calibration may be a severe problem for some analytes. Multiple sample result forms may be provided for one or more of the following reasons:
Sample was reanalyzed for surrogate or internal standard recovery outliers;
Sample was reanalyzed at a dilution;
One of the analyses was performed outside holding times;
A replicate analysis was performed for other quality control purposes;
Client requirements

QC Association Forms
The list consisting of MB, LCS, LCSD (if any), MS (whenever available), MSD (whenever available), and field samples from the reported AML work order that are associated with each QC batch are shown on QC Association Forms. Additional items such as PDS, SD may be included for some parameters (e.g metals). Separate forms are included for each QC batch, for each matrix and test.

Surrogate Recovery Forms
A summary of the system monitoring compound recoveries for organic analyses is included in this section. The QC limits from the Department of Defense Quality Systems Manual for Environmental Laboratories, Final Version 3, January 2006 is used in the reports, when available. Method-specified limits or in-house limits are used as applicable. Corrective action involving re-extraction and/or reanalysis is performed for samples that exceed the surrogate QC limits.

Method Blank Result Forms
The QC limit for the Method Blank is set at one half of the applicable LOQ for each target analyte with the exception of common laboratory contaminants, which is set at the LOQ.

Laboratory Control Sample (LCS) Report Forms
Laboratory control samples were analyzed with each QC batch as described in the QC Association Form. Laboratory Control sample limits are set as a default to the DOD QSM limits when available. When the 3-sigma control limit is exceeded for any analyte, the LCS report is flagged "ME". The total number of method analytes, and the number of ME analytes are tracked and compared against the number allowed per NELAC and the DOD QSM. This information is summarized at the bottom of the recoveries summary reports. Analytes with LCS recoveries that exceed the 4-sigma limits are flagged ME* and reanalysis may be required for the affected analyte if it is a contaminant of concern. The relative percent differences (RPDs) for the LCS duplicates, a voluntary laboratory QC parameter, are computed to track in-house precision for method duplicates.

Matrix Spike/Matrix Spike Duplicate Recoveries Report Forms
The MS/MSD results are shown in Form-1 equivalents. See section on LCS for additional details. The RPDs for MS duplicates that are outside the applicable QC limits are flagged with an asterisk (*). The effect of matrix is taken into account in determining corrective action procedures based on MS and MSD results, recoveries, and RPD.

Calibration
Instruments were calibrated in accordance with applicable method. Deviations are noted as a non-conformance. Copies of initial calibration and calibration verification summaries and associated raw data will be maintained in laboratory files and made available for detailed client review.

Results of Laboratory Analysis

Test Methods and Holding Times

Analyses were performed within applicable holding times except as noted on sample reports. See parameter specific non-conformances for more information.

Batch-specific Quality Control Procedures

Quality control data from method blanks and laboratory control samples are used as batch QC elements. In accordance with EPA, USACE, and DoD guidelines, QC data from matrix spikes are used as matrix-specific QC elements and QC data from surrogates, internal standard areas, etc. are used as sample-specific QC elements. When the batch QC elements are outside their QC limits, results for associated samples are evaluated and corrective actions that affect the entire sample set are performed.

Matrix-specific or Sample-specific Quality Control Procedures

Sample concentrations exceeding the upper calibration limit, surrogate recoveries outside the QC limits, calibration parameters not within QC limits, etc. are used as sample-specific and/or sample-group specific QC elements for one or more associated samples during instrumental analysis. Serial dilution, standard addition, MS recoveries, etc. are used as matrix-specific QC elements for one or more associated samples. When these QC elements are outside their QC limits, associated individual sample results are evaluated and appropriate corrective actions are performed.

Manual Integration

Manual integration operations that have potential to improve accuracy of analysis are performed, as necessary (shown with an “M” flag on raw data) based on visual inspection of peak shapes for each target analyte. Such operations are technically defensible and they are not aimed at meeting the minimum technical requirements of the analytical procedure.

Statement

To the best of our knowledge, this data package is in compliance with the client terms and conditions, both technically and for completeness. Non-conformances are listed in the case narrative and/or data qualifiers for each parameter tested.

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Project Information

Six (6) samples were received by AML on May 20, 2008 and logged in according to the Sample Status and Receipt Report included in this report. Reference the chain of custody and Sample Condition upon receipt Report for any non-conformances on receipt condition and temperature upon receipt.

Observations and Non-Conformances

Metals by method 6020A

There were no observations and/or non-conformances to report for this analysis.

Mercury by method 7470A

There were no observations and/or non-conformances to report for this analysis.

Nitrate by method 300.0

Both preserved and unpreserved containers were received for Nitrate, only the unpreserved analysis by IC method 300.0 was performed as it was able to be completed within analytical hold time.

Batch P805311 – MSD recovery was outside QC limits for Nitrate biased low, as flagged on the MSD summary report. MS and LCS/LCSD recoveries are within QC limits.

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Field Sample Information

(Chain of Custody Record, Sample Receipt Report, Condition Upon Receipt Report)

0805116

(Sample Delivery Group, SDG)

AML
Analytical Management Laboratories, Inc.
15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

42694

Chain of Custody Record / Request for Analysis

Client Contact Name: JOD SMITH
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W OGLETHORPE AVE
City, State, Zip: SAVANNAH, GA 3401
Phone #: (912) 652-5673 Ext:
Fax #: (912) 652-5311
Email:

Project Name: LAMONT LANDFILL, FT BRAGG, NC
Project Number: DO 109
Purchase Order Number:
Project Due Date:
Project Comments:
Print Sampler's Name: JON COOMBS

Analysis/Method to be Performed (Check all that apply)

Laboratory Project Number: 0805116

Specify method # ---> (Metals (specify): APP 1; Anions (specify): NITRATE ICE; NITRATE H_2SO_4)

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4°C	ICE	VOCs	SVOCs	Pesticides	PCBs	Herbicides	Metals (specify)	DRO	GRO	Explosives	Anions (specify)	NITRATE ICE	NITRATE H_2SO_4				Comments:
0805116-01	LMW-3-5-08	5/20/08	1040	AQ	3		1		1			1						1					1	1				
0805116-02	LMW-35-5-08	5/20/08	1135	AQ	3		1		1			1						1					1	1				
0805116-02	LMW-35-5-08	5/20/08	1135	AQ	3		1		1			1						1					1	1				MS/MSD
0805116-03	LMW-DUP-5-08	5/20/08	0945	AQ	3		1		1			1						1					1	1				
0805116-04	LMW-4-5-08	5/20/08	1350	AQ	3		1		1			1						1					1	1				
0805116-05	LMW-8-5-08	5/20/08	1535	AQ	3		1		1			1						1					1	1				
0805116-06	LMW-8-5-08	5/20/08	1655	AQ	3		1		1			1						1					1	1				
8																												
9																												
10																												

Please include any information that may be useful in the analysis of the sample.
Example: high concentration
List analytes
MS/MSD

CUSTODY						
Relinquished By:	[signature]	Date/Time:	5/20/08 0700	Received By:	SHIPPER	Date/Time: 5/20/08 0700
Relinquished By:		Date/Time:		Received By:	[signature]	Date/Time: 5/21/08 0940am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☐ Courier FedEx ☐ Airbill #: 8425 9197 2916	☑ Yes ☐ No ☑ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	2.0 °C ☐ Temp. Blank ☑ Cooler	

Field Sample Analysis Data Sheets

(Form I equivalents)

0805116

(Sample Delivery Group, SDG)

6020A

(Parameter)

P805301

(Analytical Batch)

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-3-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805116-01
% Solids:	NA	Date Collected:	05/20/08 10:40
Analytical Method:	6020A	Date Analyzed:	05/23/08 15:16
Preparation:	SM3030C	Date Received:	05/21/08 09:40
Batch:	P805301	Date Leached:	NA
Leach Method:		Date Prepared:	05/21/08 13:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium	5.47	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium		ug/L	U	2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel	1.12	ug/L	J	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc	12.0	ug/L		5.00	10.0	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-3S-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805116-02
% Solids:	NA	Date Collected:	05/20/08 11:35
Analytical Method:	6020A	Date Analyzed:	05/23/08 15:22
Preparation:	SM3030C	Date Received:	05/21/08 09:40
Batch:	P805301	Date Leached:	NA
Leach Method:		Date Prepared:	05/21/08 13:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium	8.86	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium		ug/L	U	2.50	5.00	1
7440-48-4	Cobalt	0.527	ug/L	J	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel	3.72	ug/L		1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc	15.2	ug/L		5.00	10.0	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-DUP-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805116-03
% Solids:	NA	Date Collected:	05/20/08 09:45
Analytical Method:	6020A	Date Analyzed:	05/23/08 15:56
Preparation:	SM3030C	Date Received:	05/21/08 09:40
Batch:	P805301	Date Leached:	NA
Leach Method:		Date Prepared:	05/21/08 13:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium	5.48	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium		ug/L	U	2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper	2.69	ug/L	J	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel	1.32	ug/L	J	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc	10.0	ug/L		5.00	10.0	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-4-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805116-04
% Solids:	NA	Date Collected:	05/20/08 13:50
Analytical Method:	6020A	Date Analyzed:	05/23/08 16:18
Preparation:	SM3030C	Date Received:	05/21/08 09:40
Batch:	P805301	Date Leached:	NA
Leach Method:		Date Prepared:	05/21/08 13:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium	11.2	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium		ug/L	U	2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper	8.80	ug/L		2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel	5.38	ug/L		1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc	15.3	ug/L		5.00	10.0	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-9-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805116-05
% Solids:	NA	Date Collected:	05/20/08 15:35
Analytical Method:	6020A	Date Analyzed:	05/23/08 16:24
Preparation:	SM3030C	Date Received:	05/21/08 09:40
Batch:	P805301	Date Leached:	NA
Leach Method:		Date Prepared:	05/21/08 13:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium	2.71	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium		ug/L	U	2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead	1.41	ug/L		0.500	1.00	1
7440-02-0	Nickel	1.49	ug/L	J	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-62-2	Vanadium	2.78	ug/L	J	2.50	5.00	1
7440-66-6	Zinc	7.93	ug/L	J	5.00	10.0	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-8-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805116-06
% Solids:	NA	Date Collected:	05/20/08 16:55
Analytical Method:	6020A	Date Analyzed:	05/23/08 16:29
Preparation:	SM3030C	Date Received:	05/21/08 09:40
Batch:	P805301	Date Leached:	NA
Leach Method:		Date Prepared:	05/21/08 13:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium	34.9	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium		ug/L	U	2.50	5.00	1
7440-48-4	Cobalt	0.831	ug/L	J	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel	1.76	ug/L	J	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc	5.20	ug/L	J	5.00	10.0	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0805116

(Sample Delivery Group, SDG)

7470A

(Parameter)

P805202

(Analytical Batch)

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-3-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805116-01
% Solids:	NA	Date Collected:	05/20/08 10:40
Analytical Method:	7470A	Date Analyzed:	05/21/08 20:09
Preparation:	EPA 7470A Prep	Date Received:	05/21/08 09:40
Batch:	P805202	Date Leached:	NA
Leach Method:		Date Prepared:	05/21/08 10:27

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-3S-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805116-02
% Solids:	NA	Date Collected:	05/20/08 11:35
Analytical Method:	7470A	Date Analyzed:	05/21/08 20:12
Preparation:	EPA 7470A Prep	Date Received:	05/21/08 09:40
Batch:	P805202	Date Leached:	NA
Leach Method:		Date Prepared:	05/21/08 10:27

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-DUP-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805116-03
% Solids:	NA	Date Collected:	05/20/08 09:45
Analytical Method:	7470A	Date Analyzed:	05/21/08 20:23
Preparation:	EPA 7470A Prep	Date Received:	05/21/08 09:40
Batch:	P805202	Date Leached:	NA
Leach Method:		Date Prepared:	05/21/08 10:27

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-4-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805116-04
% Solids:	NA	Date Collected:	05/20/08 13:50
Analytical Method:	7470A	Date Analyzed:	05/21/08 20:25
Preparation:	EPA 7470A Prep	Date Received:	05/21/08 09:40
Batch:	P805202	Date Leached:	NA
Leach Method:		Date Prepared:	05/21/08 10:27

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-9-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805116-05
% Solids:	NA	Date Collected:	05/20/08 15:35
Analytical Method:	7470A	Date Analyzed:	05/21/08 20:27
Preparation:	EPA 7470A Prep	Date Received:	05/21/08 09:40
Batch:	P805202	Date Leached:	NA
Leach Method:		Date Prepared:	05/21/08 10:27

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-8-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805116-06
% Solids:	NA	Date Collected:	05/20/08 16:55
Analytical Method:	7470A	Date Analyzed:	05/21/08 20:29
Preparation:	EPA 7470A Prep	Date Received:	05/21/08 09:40
Batch:	P805202	Date Leached:	NA
Leach Method:		Date Prepared:	05/21/08 10:27

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	0.191	ug/L	J, B	0.100	0.200	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0805116

(Sample Delivery Group, SDG)

300.0

(Parameter)

P805311

(Analytical Batch)

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-3-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	0805116-01
% Solids:	NA	Date Collected:	05/20/08 10:40
Analytical Method:	300.0	Date Analyzed:	05/22/08 00:28
Preparation:	300.0	Date Received:	05/21/08 09:40
Batch:	P805311	Date Leached:	NA
Leach Method:		Date Prepared:	05/21/08 15:25

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	0.515	mg/L		0.0570	0.113	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-3S-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	0805116-02
% Solids:	NA	Date Collected:	05/20/08 11:35
Analytical Method:	300.0	Date Analyzed:	05/22/08 00:49
Preparation:	300.0	Date Received:	05/21/08 09:40
Batch:	P805311	Date Leached:	NA
Leach Method:		Date Prepared:	05/21/08 15:25

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	0.546	mg/L		0.0570	0.113	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-DUP-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	0805116-03
% Solids:	NA	Date Collected:	05/20/08 09:45
Analytical Method:	300.0	Date Analyzed:	05/22/08 01:10
Preparation:	300.0	Date Received:	05/21/08 09:40
Batch:	P805311	Date Leached:	NA
Leach Method:		Date Prepared:	05/21/08 15:25

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	0.469	mg/L		0.0570	0.113	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-4-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	0805116-04
% Solids:	NA	Date Collected:	05/20/08 13:50
Analytical Method:	300.0	Date Analyzed:	05/22/08 02:13
Preparation:	300.0	Date Received:	05/21/08 09:40
Batch:	P805311	Date Leached:	NA
Leach Method:		Date Prepared:	05/21/08 15:25

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	0.369	mg/L		0.0570	0.113	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-9-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	0805116-05
% Solids:	NA	Date Collected:	05/20/08 15:35
Analytical Method:	300.0	Date Analyzed:	05/22/08 02:34
Preparation:	300.0	Date Received:	05/21/08 09:40
Batch:	P805311	Date Leached:	NA
Leach Method:		Date Prepared:	05/21/08 15:25

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	0.455	mg/L		0.0570	0.113	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-8-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	0805116-06
% Solids:	NA	Date Collected:	05/20/08 16:55
Analytical Method:	300.0	Date Analyzed:	05/22/08 02:54
Preparation:	300.0	Date Received:	05/21/08 09:40
Batch:	P805311	Date Leached:	NA
Leach Method:		Date Prepared:	05/21/08 15:25

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	0.570	mg/L		0.0570	0.113	1

Note:

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0805116

(Sample Delivery Group, SDG)

6020A

(Parameter)

P805301

(Analytical Batch)

Quality Control Association Form

Lab Name:	Analytical Management Laboratories, Inc.	**Fraction:**	METALS
QC Batch:	P805301	**Method:**	6020A

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
5/23/08	5/21/08	0805116-01		SAMPLE	0805116
5/23/08	5/21/08	0805116-02		SAMPLE	0805116
5/23/08	5/21/08	0805116-03		SAMPLE	0805116
5/23/08	5/21/08	0805116-04		SAMPLE	0805116
5/23/08	5/21/08	0805116-05		SAMPLE	0805116
5/23/08	5/21/08	0805116-06		SAMPLE	0805116
5/23/08	5/22/08	8E22005-SRD1	0805116-02	Serial Dilution	0805116
5/23/08	5/21/08	P805301-BLK1		Method Blank	0805116
5/23/08	5/21/08	P805301-BS1		LCS	0805116
5/23/08	5/21/08	P805301-BSD1		LCS Dup	0805116
5/23/08	5/21/08	P805301-MS1	0805116-02	Matrix Spike	0805116
5/23/08	5/21/08	P805301-MSD1	0805116-02	Matrix Spike Dup	0805116
5/23/08	5/21/08	P805301-PS1	0805116-02	Post Spike	0805116

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805301-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	05/23/08 14:55
Preparation:	SM3030C	Date Received:	
Batch:	P805301	Date Prepared:	05/21/08 13:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium		ug/L	U	0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium		ug/L	U	2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel		ug/L	U	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc		ug/L	U	5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805301-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	05/23/08 15:01
Preparation:	SM3030C	Date Received:	
Batch:	P805301	Date Prepared:	05/21/08 13:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	45.9	ug/L		0.500	1.00	1
7440-38-2	Arsenic	49.6	ug/L		1.00	2.00	1
7440-39-3	Barium	404	ug/L		0.500	1.00	1
7440-41-7	Beryllium	46.8	ug/L		0.500	1.00	1
7440-43-9	Cadmium	48.3	ug/L		0.500	1.00	1
7440-47-3	Chromium	48.4	ug/L		2.50	5.00	1
7440-48-4	Cobalt	52.5	ug/L		0.500	1.00	1
7440-50-8	Copper	51.8	ug/L		2.50	5.00	1
7439-92-1	Lead	439	ug/L		0.500	1.00	1
7440-02-0	Nickel	50.6	ug/L		1.00	2.00	1
7782-49-2	Selenium	47.3	ug/L		2.00	4.00	1
7440-22-4	Silver	52.2	ug/L		0.500	1.00	1
7440-28-0	Thallium	53.9	ug/L		0.500	1.00	1
7440-62-2	Vanadium	49.4	ug/L		2.50	5.00	1
7440-66-6	Zinc	208	ug/L		5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805301-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	05/23/08 15:08
Preparation:	SM3030C	Date Received:	
Batch:	P805301	Date Prepared:	05/21/08 13:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	46.6	ug/L		0.500	1.00	1
7440-38-2	Arsenic	50.4	ug/L		1.00	2.00	1
7440-39-3	Barium	410	ug/L		0.500	1.00	1
7440-41-7	Beryllium	49.0	ug/L		0.500	1.00	1
7440-43-9	Cadmium	49.3	ug/L		0.500	1.00	1
7440-47-3	Chromium	49.5	ug/L		2.50	5.00	1
7440-48-4	Cobalt	53.3	ug/L		0.500	1.00	1
7440-50-8	Copper	52.1	ug/L		2.50	5.00	1
7439-92-1	Lead	441	ug/L		0.500	1.00	1
7440-02-0	Nickel	51.8	ug/L		1.00	2.00	1
7782-49-2	Selenium	48.7	ug/L		2.00	4.00	1
7440-22-4	Silver	54.1	ug/L		0.500	1.00	1
7440-28-0	Thallium	53.0	ug/L		0.500	1.00	1
7440-62-2	Vanadium	51.1	ug/L		2.50	5.00	1
7440-66-6	Zinc	207	ug/L		5.00	10.0	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P805301

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P805301-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Antimony	50.0	45.9	91.8		80	120
Arsenic	50.0	49.6	99.2		80	120
Barium	500	404	80.8		80	120
Beryllium	50.0	46.8	93.7		80	120
Cadmium	50.0	48.3	96.6		80	120
Chromium	50.0	48.4	96.7		80	120
Cobalt	50.0	52.5	105		80	120
Copper	50.0	51.8	104		80	120
Lead	500	439	87.8		80	120
Nickel	50.0	50.6	101		80	120
Selenium	50.0	47.3	94.7		80	120
Silver	50.0	52.2	104		80	120
Thallium	50.0	53.9	108		80	120
Vanadium	50.0	49.4	98.8		80	120
Zinc	200	208	104		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 15

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805301

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P805301-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Antimony	50.0	46.6	93.2		80	120	1.48
Arsenic	50.0	50.4	101		80	120	1.66
Barium	500	410	82.0		80	120	1.56
Beryllium	50.0	49.0	97.9		80	120	4.43
Cadmium	50.0	49.3	98.7		80	120	2.06
Chromium	50.0	49.5	99.1		80	120	2.40
Cobalt	50.0	53.3	107		80	120	1.53
Copper	50.0	52.1	104		80	120	0.604
Lead	500	441	88.1		80	120	0.372
Nickel	50.0	51.8	104		80	120	2.42
Selenium	50.0	48.7	97.4		80	120	2.81
Silver	50.0	54.1	108		80	120	3.47
Thallium	50.0	53.0	106		80	120	1.70
Vanadium	50.0	51.1	102		80	120	3.31
Zinc	200	207	103		80	120	0.481

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 15

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805301-MS1
% Solids:	NA	Date Collected:	05/20/08 11:35
Analytical Methdod:	6020A	Date Analyzed:	05/23/08 15:33
Preparation:	SM3030C	Date Received:	05/21/08 09:40
Batch:	P805301	Date Prepared:	05/21/08 13:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	43.8	ug/L		0.500	1.00	1
7440-38-2	Arsenic	46.2	ug/L		1.00	2.00	1
7440-39-3	Barium	406	ug/L		0.500	1.00	1
7440-41-7	Beryllium	47.5	ug/L		0.500	1.00	1
7440-43-9	Cadmium	48.4	ug/L		0.500	1.00	1
7440-47-3	Chromium	51.5	ug/L		2.50	5.00	1
7440-48-4	Cobalt	54.2	ug/L		0.500	1.00	1
7440-50-8	Copper	57.5	ug/L		2.50	5.00	1
7439-92-1	Lead	441	ug/L		0.500	1.00	1
7440-02-0	Nickel	54.1	ug/L		1.00	2.00	1
7782-49-2	Selenium	43.1	ug/L		2.00	4.00	1
7440-22-4	Silver	52.7	ug/L		0.500	1.00	1
7440-28-0	Thallium	47.9	ug/L		0.500	1.00	1
7440-62-2	Vanadium	50.7	ug/L		2.50	5.00	1
7440-66-6	Zinc	216	ug/L		5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805301-MSD1
% Solids:	NA	Date Collected:	05/20/08 11:35
Analytical Methdod:	6020A	Date Analyzed:	05/23/08 15:40
Preparation:	SM3030C	Date Received:	05/21/08 09:40
Batch:	P805301	Date Prepared:	05/21/08 13:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	42.9	ug/L		0.500	1.00	1
7440-38-2	Arsenic	46.1	ug/L		1.00	2.00	1
7440-39-3	Barium	407	ug/L		0.500	1.00	1
7440-41-7	Beryllium	47.2	ug/L		0.500	1.00	1
7440-43-9	Cadmium	47.5	ug/L		0.500	1.00	1
7440-47-3	Chromium	51.2	ug/L		2.50	5.00	1
7440-48-4	Cobalt	54.4	ug/L		0.500	1.00	1
7440-50-8	Copper	53.6	ug/L		2.50	5.00	1
7439-92-1	Lead	435	ug/L		0.500	1.00	1
7440-02-0	Nickel	55.4	ug/L		1.00	2.00	1
7782-49-2	Selenium	43.2	ug/L		2.00	4.00	1
7440-22-4	Silver	52.0	ug/L		0.500	1.00	1
7440-28-0	Thallium	48.1	ug/L		0.500	1.00	1
7440-62-2	Vanadium	48.3	ug/L		2.50	5.00	1
7440-66-6	Zinc	216	ug/L		5.00	10.0	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P805301

Fraction: METALS Matrix: Water

Units: ug/L

Original Sample ***0805116-02*** ***Lab Sample ID for MS :*** ***P805301-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Antimony	0	50.0	43.8	87.6		75	125
Arsenic	0	50.0	46.2	92.3		75	125
Barium	8.86	500	406	79.4		75	125
Beryllium	0	50.0	47.5	95.0		75	125
Cadmium	0	50.0	48.4	96.7		75	125
Chromium	0	50.0	51.5	103		75	125
Cobalt	0.527	50.0	54.2	107		75	125
Copper	0	50.0	57.5	115		75	125
Lead	0	500	441	88.3		75	125
Nickel	3.72	50.0	54.1	101		75	125
Selenium	0	50.0	43.1	86.2		75	125
Silver	0	50.0	52.7	105		75	125
Thallium	0	50.0	47.9	95.8		75	125
Vanadium	0	50.0	50.7	101		75	125
Zinc	15.2	200	216	100		75	125

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805301

Fraction: METALS Matrix: Water

Units: ug/L

Original Sample ***0805116-02*** ***Lab Sample ID for MSD*** ***P805301-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Antimony	0	50.0	42.9	85.8		2.00		75	125	20
Arsenic	0	50.0	46.1	92.2		0.142		75	125	20
Barium	8.86	500	407	79.7		0.300		75	125	20
Beryllium	0	50.0	47.2	94.4		0.608		75	125	20
Cadmium	0	50.0	47.5	94.9		1.91		75	125	20
Chromium	0	50.0	51.2	102		0.576		75	125	20
Cobalt	0.527	50.0	54.4	108		0.492		75	125	20
Copper	0	50.0	53.6	107		7.07		75	125	20
Lead	0	500	435	87.1		1.38		75	125	20
Nickel	3.72	50.0	55.4	103		2.38		75	125	20
Selenium	0	50.0	43.2	86.4		0.167		75	125	20
Silver	0	50.0	52.0	104		1.41		75	125	20
Thallium	0	50.0	48.1	96.1		0.313		75	125	20
Vanadium	0	50.0	48.3	96.6		4.92		75	125	20
Zinc	15.2	200	216	101		0.187		75	125	20

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Post Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805301-PS1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	6020A	Date Collected:	05/20/08 11:35
Preparation:	SM3030C	Date Analyzed:	05/23/08 15:48
Batch:	P805301	Date Received:	05/21/08 09:40

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	44.5	ug/L		0.500	1.00	1
7440-38-2	Arsenic	48.4	ug/L		1.00	2.00	1
7440-39-3	Barium	415	ug/L		0.500	1.00	1
7440-41-7	Beryllium	46.0	ug/L		0.500	1.00	1
7440-43-9	Cadmium	47.5	ug/L		0.500	1.00	1
7440-47-3	Chromium	52.3	ug/L		2.50	5.00	1
7440-48-4	Cobalt	53.3	ug/L		0.500	1.00	1
7440-50-8	Copper	52.7	ug/L		2.50	5.00	1
7439-92-1	Lead	436	ug/L		0.500	1.00	1
7440-02-0	Nickel	53.1	ug/L		1.00	2.00	1
7782-49-2	Selenium	47.6	ug/L		2.00	4.00	1
7440-22-4	Silver	51.0	ug/L		0.500	1.00	1
7440-28-0	Thallium	52.4	ug/L		0.500	1.00	1
7440-62-2	Vanadium	50.9	ug/L		2.50	5.00	1
7440-66-6	Zinc	214	ug/L		5.00	10.0	1

Form 5B - Equivalent

POST DIGESTION SPIKE SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc.

Fraction: METALS

Analytical Batch: 8E22005

Prep Batch: P805301

COMPOUND	Original Amount	SPIKE ADDED	PDS Amount	PDS % REC	PDS % REC FLAG	QC. LIMITS LCL	QC. LIMITS UCL
Antimony	ND	50.0	44.5	89.0		75	125
Arsenic	ND	50.0	48.4	96.8		75	125
Barium	8.86	500	415	81.3		75	125
Beryllium	ND	50.0	46.0	91.9		75	125
Cadmium	ND	50.0	47.5	95.0		75	125
Chromium	ND	50.0	52.3	105		75	125
Cobalt	0.527	50.0	53.3	106		75	125
Copper	ND	50.0	52.7	105		75	125
Lead	ND	500	436	87.1		75	125
Nickel	3.72	50.0	53.1	98.8		75	125
Selenium	ND	50.0	47.6	95.2		75	125
Silver	ND	50.0	51.0	102		75	125
Thallium	ND	50.0	52.4	105		75	125
Vanadium	ND	50.0	50.9	102		75	125
Zinc	15.2	200	214	99.4		75	125

* Values outside of QC limits

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Serial Dilution
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	8E22005-SRD1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	6020A	Date Collected:	05/20/08 11:35
Preparation:	P805301	Date Analyzed:	05/23/08 15:28
Batch:	8E22005	Date Received:	05/21/08 09:40

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	2.50	5.00	5
7440-38-2	Arsenic		ug/L	U	5.00	10.0	5
7440-39-3	Barium	8.24	ug/L		2.50	5.00	5
7440-41-7	Beryllium		ug/L	U	2.50	5.00	5
7440-43-9	Cadmium		ug/L	U	2.50	5.00	5
7440-47-3	Chromium		ug/L	U	12.5	25.0	5
7440-48-4	Cobalt		ug/L	U	2.50	5.00	5
7440-50-8	Copper		ug/L	U	12.5	25.0	5
7439-92-1	Lead		ug/L	U	2.50	5.00	5
7440-02-0	Nickel		ug/L	U	5.00	10.0	5
7782-49-2	Selenium		ug/L	U	10.0	20.0	5
7440-22-4	Silver		ug/L	U	2.50	5.00	5
7440-28-0	Thallium		ug/L	U	2.50	5.00	5
7440-62-2	Vanadium		ug/L	U	12.5	25.0	5
7440-66-6	Zinc		ug/L	U	25.0	50.0	5

Form 8 - Equivalent

PERCENT DIFFERENCE FOR SERIAL DILUTION SAMPLE

Lab Name: Analytical Management Laboratories, Inc. Analytical Batch: 8E22005

Fraction: METALS

Orig HSN: 0805116-02 **SD HSN:** 8E22005-SRD1

Orig Dil: 1 **SD Dil:** 5

COMPOUND	Original Amount	SD Amount	%D	QC FLAG	QC. LIMIT UCL
Antimony	U	U	NA		10
Arsenic	U	U	NA		10
Barium	8.86	8.24	7.00		10
Beryllium	U	U	NA		10
Cadmium	U	U	NA		10
Chromium	U	U	NA		10
Cobalt	0.527	U	NA		10
Copper	U	U	NA		10
Lead	U	U	NA		10
Nickel	3.72	U	NA		10
Selenium	U	U	NA		10
Silver	U	U	NA		10
Thallium	U	U	NA		10
Vanadium	U	U	NA		10
Zinc	15.2	U	NA		10

* Values outside of QC limits

NA = Not Applicable

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0805116

(Sample Delivery Group, SDG)

7470A

(Parameter)

P805202

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** METALS

QC Batch: P805202 **Method:** 7470A

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
5/21/08	5/21/08	0805116-01		SAMPLE	0805116
5/21/08	5/21/08	0805116-02		SAMPLE	0805116
5/21/08	5/21/08	0805116-03		SAMPLE	0805116
5/21/08	5/21/08	0805116-04		SAMPLE	0805116
5/21/08	5/21/08	0805116-05		SAMPLE	0805116
5/21/08	5/21/08	0805116-06		SAMPLE	0805116
5/21/08	5/21/08	P805202-BLK1		Method Blank	0805116
5/21/08	5/21/08	P805202-BLK2		Method Blank	0805116
5/21/08	5/21/08	P805202-BLK3		Method Blank	0805116
5/21/08	5/21/08	P805202-BLK4		Method Blank	0805116
5/21/08	5/21/08	P805202-BS1		LCS	0805116
5/21/08	5/21/08	P805202-BSD1		LCS Dup	0805116
5/21/08	5/21/08	P805202-MS1	0805116-02	Matrix Spike	0805116
5/21/08	5/21/08	P805202-MSD1	0805116-02	Matrix Spike Dup	0805116
5/21/08	5/21/08	P805202-PS1	0805116-02	Post Spike	0805116

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805202-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	05/21/08 19:23
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P805202	Date Prepared:	05/21/08 10:27

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805202-BLK2
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	05/21/08 19:29
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P805202	Date Prepared:	05/21/08 10:27

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	0.171	ug/L	J	0.100	0.200	1

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805202-BLK3
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	05/21/08 19:35
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P805202	Date Prepared:	05/21/08 10:27

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805202-BLK4
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	05/21/08 19:43
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P805202	Date Prepared:	05/21/08 10:27

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	0.115	ug/L	J	0.100	0.200	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805202-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	05/21/08 19:25
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P805202	Date Prepared:	05/21/08 10:27

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.97	ug/L	B	0.100	0.200	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805202-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	05/21/08 19:27
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P805202	Date Prepared:	05/21/08 10:27

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.96	ug/L	B	0.100	0.200	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P805202
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Lab Sample ID: ***P805202-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Mercury	2.00	1.97	98.5		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805202

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P805202-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Mercury	2.00	1.96	98.0		80	120	0.509

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805202-MS1
% Solids:	NA	Date Collected:	05/20/08 11:35
Analytical Methdod:	7470A	Date Analyzed:	05/21/08 20:14
Preparation:	EPA 7470A Prep	Date Received:	05/21/08 09:40
Batch:	P805202	Date Prepared:	05/21/08 10:27

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.96	ug/L	B	0.100	0.200	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805202-MSD1
% Solids:	NA	Date Collected:	05/20/08 11:35
Analytical Methdod:	7470A	Date Analyzed:	05/21/08 20:16
Preparation:	EPA 7470A Prep	Date Received:	05/21/08 09:40
Batch:	P805202	Date Prepared:	05/21/08 10:27

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.00	ug/L	B	0.100	0.200	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P805202
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Original Sample ***0805116-02*** ***Lab Sample ID for MS :*** ***P805202-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Mercury	0	2.00	1.96	98.0		80	120

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P805202
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Original Sample ***0805116-02*** ***Lab Sample ID for MSD*** ***P805202-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Mercury	0	2.00	2.00	100		2.02		80	120	20

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Post Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805202-PS1
% Solids:	NA	Instrument ID:	HYDRA AA
Analytical Methdod:	7470A	Date Collected:	05/20/08 11:35
Preparation:	EPA 7470A Prep	Date Analyzed:	05/21/08 20:18
Batch:	P805202	Date Received:	05/21/08 09:40

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.93	ug/L	B	0.100	0.200	1

Form 5B - Equivalent

POST DIGESTION SPIKE SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc.

Fraction: METALS

Analytical Batch: 8E21008

Prep Batch: P805202

COMPOUND	Original Amount	SPIKE ADDED	PDS Amount	PDS % REC	PDS % REC FLAG	QC. LIMITS LCL	QC. LIMITS UCL
Mercury	ND	2.00	1.93	96.5		80	120

* Values outside of QC limits

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0805116

(Sample Delivery Group, SDG)

300.0

(Parameter)

P805311

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** Wet Chemistry

QC Batch: P805311 **Method:** 300.0

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
5/22/08	5/21/08	0805116-01		SAMPLE	0805116
5/22/08	5/21/08	0805116-02		SAMPLE	0805116
5/22/08	5/21/08	0805116-03		SAMPLE	0805116
5/22/08	5/21/08	0805116-04		SAMPLE	0805116
5/22/08	5/21/08	0805116-05		SAMPLE	0805116
5/22/08	5/21/08	0805116-06		SAMPLE	0805116
5/21/08	5/21/08	P805311-BLK1		Method Blank	0805116
5/21/08	5/21/08	P805311-BS1		LCS	0805116
5/21/08	5/21/08	P805311-BSD1		LCS Dup	0805116
5/21/08	5/21/08	P805311-MS1	0805116-02	Matrix Spike	0805116
5/21/08	5/21/08	P805311-MSD1	0805116-02	Matrix Spike Dup	0805116

Form 1 - Equivalent

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P805311-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	300.0	Date Analyzed:	05/21/08 21:41
Preparation:	300.0	Date Received:	
Batch:	P805311	Date Prepared:	05/21/08 15:25

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N		mg/L	U	0.0570	0.113	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P805311-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	300.0	Date Analyzed:	05/21/08 22:02
Preparation:	300.0	Date Received:	
Batch:	P805311	Date Prepared:	05/21/08 15:25

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	4.40	mg/L		0.0570	0.113	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P805311-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	300.0	Date Analyzed:	05/21/08 22:23
Preparation:	300.0	Date Received:	
Batch:	P805311	Date Prepared:	05/21/08 15:25

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	4.43	mg/L		0.0570	0.113	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P805311
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Lab Sample ID: ***P805311-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Nitrate-N	4.52	4.40	97.2		90	110

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805311

Fraction: WET Matrix: Water

Units: mg/L

Lab Sample ID: ***P805311-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Nitrate-N	4.52	4.43	98.0		90	110	0.748

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P805311-MS1
% Solids:	NA	Date Collected:	05/20/08 11:35
Analytical Methdod:	300.0	Date Analyzed:	05/21/08 22:44
Preparation:	300.0	Date Received:	05/21/08 09:40
Batch:	P805311	Date Prepared:	05/21/08 15:25

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	4.62	mg/L		0.0570	0.113	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805116
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P805311-MSD1
% Solids:	NA	Date Collected:	05/20/08 11:35
Analytical Methdod:	300.0	Date Analyzed:	05/21/08 23:05
Preparation:	300.0	Date Received:	05/21/08 09:40
Batch:	P805311	Date Prepared:	05/21/08 15:25

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	4.43	mg/L		0.0570	0.113	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P805311
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Original Sample ***0805116-02*** ***Lab Sample ID for MS :*** ***P805311-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Nitrate-N	0.546	4.52	4.62	90.1		90	110

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805311

Fraction: WET Matrix: Water

Units: mg/L

Original Sample ***0805116-02*** ***Lab Sample ID for MSD*** ***P805311-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Nitrate-N	0.546	4.52	4.43	85.9	ME*	4.20		90	110	20

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

July 2, 2008

Mr. Judson Smith
Project Chemist, CESAS-EN-GG
U.S. Army Corps of Engineers, Savannah District
100 W. Oglethorpe Ave.
P. O. Box 889
Savannah, GA 31401-0360
Phone: 912-652-5673
Fax: 912-652-5311

Dear Mr. Smith:

RE: Ft. Bragg Lamont Landfill, DO# 0109
W912HN-05-D-0013
AML Work Order Number: **0805127**

Attached, please find the hardcopy analytical report (81 total pages) for environmental samples collected by CESAS for the project described above. The analytical results included in this report relate only to the samples received by Analytical Management Laboratories (AML). Problems encountered in the analysis of these samples are documented in the laboratory case narrative observations and non-conformances and/or data qualifiers. The case narrative is an integral part of this report. This report has been paginated and may not be reproduced for distribution, except in full, without the written approval of AML. Results are reported to three significant figures; the third significant figure may be estimated. Please feel free to contact me by phone (913-829-0101-ext. 23), fax (913-829-1181) or email (mharris@amlabinc.com) if you have any questions.

Respectfully Submitted,
Analytical Management Laboratories, Inc.

Melania Harris
Project Manager

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Case Narrative

Project and Sample Information

Task order information, completed copies of the chain of custody form(s), and Analytical Management Laboratories (AML) sample condition upon receipt form (s) are included in the Project and Sample Information section. The AML laboratory information management system (LIMS)-generated sample status and receipt report, showing field sample identifiers and corresponding laboratory identifiers is also included.

Reports

The hardcopy laboratory reports and electronic data deliverables (EDDs) were prepared using the Promium Element Data System (LIMS). Under the procedure used by the laboratory, the hardcopy reports are generated using information contained in a database, which is also used to generate electronic deliverables to assure data integrity between the two media. The attached report is organized as follows:

Cover Letter
Laboratory Case Narrative
Sample Information
Sample Result Forms, organized in the following order: by test and by sample.

Quality Control (QC) Summary Reports, organized in the following order: by test, by matrix, and by QC batch number. The QC Summary for each analytical batch contains the following, when applicable:

1. QC Association Form
2. Surrogate Recovery Summary, when applicable
3. Method Blank (MB) Results
4. Laboratory Control Sample (LCS) Results
5. LCS duplicate (LCSD) Results, when available
6. LCS Recoveries Summary
7. LCSD (when applicable) Recoveries and RPD Summary
8. Matrix Spike (MS) Results
9. MS duplicate (MSD) Results
10. MS Recoveries Summary
11. MSD Recoveries and RPD Summary

Sample Result Forms
Sample results are shown on modified Form 1 equivalents with the following qualifiers:
U = Not detected or detected below method detection limit (MDL) or the limit of detection (LOD).
J = Detected above MDL or LOD but below the limit of quantitation (LOQ).

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

P = RPD >40% between primary and confirmation column results for dual column chromatographic methods (e.g. GC and HPLC methods).
E = Detected at levels in excess of the upper calibration limit.
B = Detected in the associated method blank
Q1 = The %D or %Drift for the associated CCV is outside the method and/or laboratory established QC limit with a high bias.
Q2 = The %D or %Drift for the associated CCV is outside the method and/or laboratory established QC limit with a low bias.
* = Exceeds QC limits
ME = Marginal exceedence of the 3-sigma QC limits
ME* = Exceedence of the 4-sigma QC limits
X = as defined in the case narrative when utilized

The LODs and LOQs have been adjusted for sample weight or volume, dilution, and percent solids, when applicable. MDLs are statistically defined, instrument-specific quantities, which are used as LODs for some tests. For situations when multiple MDLs exist for a test (e.g several instruments running the same test on a given matrix) or when MDLs are unachievable on a routine basis, LODs, which may be greater than MDL but typically one-half of the applicable LOQs are used to define cut-off points for reporting positive results. The LOQs are typically the lowest point on the initial calibration curve.

Quantitative results for analytes detected in the sample (positive results) are shown under the column labeled "Result". Results coded with the qualifier E should not be used unless additional analyses were unavailable due to other limitations. Data coded as E should not be compared to other data since non-linearity in calibration may be a severe problem for some analytes. Multiple sample result forms may be provided for one or more of the following reasons:
Sample was reanalyzed for surrogate or internal standard recovery outliers;
Sample was reanalyzed at a dilution;
One of the analyses was performed outside holding times;
A replicate analysis was performed for other quality control purposes;
Client requirements

QC Association Forms

The list consisting of MB, LCS, LCSD (if any), MS (whenever available), MSD (whenever available), and field samples from the reported AML work order that are associated with each QC batch are shown on QC Association Forms. Additional items such as PDS, SD may be included for some parameters (e.g metals). Separate forms are included for each QC batch, for each matrix and test.

Surrogate Recovery Forms

A summary of the system monitoring compound recoveries for organic analyses is included in this section. The QC limits from the Department of Defense Quality Systems Manual for Environmental Laboratories, Final Version 3, January 2006 is used in the reports, when available.

Method-specified limits or in-house limits are used as applicable. Corrective action involving re-extraction and/or reanalysis is performed for samples that exceed the surrogate QC limits.

Method Blank Result Forms

The QC limit for the Method Blank is set at one half of the applicable LOQ for each target analyte with the exception of common laboratory contaminants, which is set at the LOQ.

Laboratory Control Sample (LCS) Report Forms

Laboratory control samples were analyzed with each QC batch as described in the QC Association Form. Laboratory Control sample limits are set as a default to the DOD QSM limits when available. When the 3-sigma control limit is exceeded for any analyte, the LCS report is flagged "ME". The total number of method analytes, and the number of ME analytes are tracked and compared against the number allowed per NELAC and the DOD QSM. This information is summarized at the bottom of the recoveries summary reports. Analytes with LCS recoveries that exceed the 4-sigma limits are flagged ME* and reanalysis may be required for the affected analyte if it is a contaminant of concern. The relative percent differences (RPDs) for the LCS duplicates, a voluntary laboratory QC parameter, are computed to track in-house precision for method duplicates.

Matrix Spike/Matrix Spike Duplicate Recoveries Report Forms

The MS/MSD results are shown in Form-1 equivalents. See section on LCS for additional details. The RPDs for MS duplicates that are outside the applicable QC limits are flagged with an asterisk (*). The effect of matrix is taken into account in determining corrective action procedures based on MS and MSD results, recoveries, and RPD.

Calibration

Instruments were calibrated in accordance with applicable method. Deviations are noted as a non-conformance. Copies of initial calibration and calibration verification summaries and associated raw data will be maintained in laboratory files and made available for detailed client review.

Test Methods and Holding Times

Analyses were performed within applicable holding times except as noted on sample reports. See parameter specific non-conformances for more information.

Batch-specific Quality Control Procedures

Quality control data from method blanks and laboratory control samples are used as batch QC elements. In accordance with EPA, USACE, and DoD guidelines, QC data from matrix spikes are used as matrix-specific QC elements and QC data from surrogates, internal standard areas, etc. are used as sample-specific QC elements. When the batch QC elements are outside their QC limits, results for associated samples are evaluated and corrective actions that affect the entire sample set are performed.

Matrix-specific or Sample-specific Quality Control Procedures

Sample concentrations exceeding the upper calibration limit, surrogate recoveries outside the QC limits, calibration parameters not within QC limits, etc. are used as sample-specific and/or sample-group specific QC elements for one or more associated samples during instrumental analysis. Serial dilution, standard addition, MS recoveries, etc. are used as matrix-specific QC elements for one or more associated samples. When these QC elements are outside their QC limits, associated individual sample results are evaluated and appropriate corrective actions are performed.

Manual Integration

Manual integration operations that have potential to improve accuracy of analysis are performed, as necessary (shown with an “M” flag on raw data) based on visual inspection of peak shapes for each target analyte. Such operations are technically defensible and they are not aimed at meeting the minimum technical requirements of the analytical procedure.

Statement

To the best of our knowledge, this data package is in compliance with the client terms and conditions, both technically and for completeness. Non-conformances are listed in the case narrative and/or data qualifiers for each parameter tested.

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Project Information

Seven (7) samples were received by AML on May 22, 2008 and logged in according to the Sample Status and Receipt Report included in this report. Reference the chain of custody and Sample Condition upon receipt Report for any non-conformances on receipt condition and temperature upon receipt.

Observations and Non-Conformances

Metals by method 6020A

There were no observations or non-conformances to report for this analysis.

Mercury by method 7470A

There were no observations or non-conformances to report for this analysis.

Nitrate method 300.0

Both preserved and unpreserved containers for Nitrate were received, AML analyzed Nitrate by method 300.0 utilizing the unpreserved sample aliquot.

Two samples were inadvertently analyzed on the second day after collection, but approximately two hours after the 48 hour hold time. AML measure's hold time to the hour for analyses that have a 48 hour hold time or less, affected samples are footnoted on the Form-1 reports. The samples were analyzed on the second day after collection.

Affected Samples:
0805127-02
0805127-03

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Field Sample Information

(Chain of Custody Record, Sample Receipt Report, Condition Upon Receipt Report)

0805127

(Sample Delivery Group, SDG)

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS

OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, AND 30

1. REQUISITION NUMBER: W33SJG81226549

2. CONTRACT NO.	3. AWARD/EFFECTIVE DATE	4. ORDER NUMBER	5. SOLICITATION NUMBER	6. SOLICITATION ISSUE DATE
W912HN-05-D-0013	13-May-2008	0109		

7. FOR SOLICITATION INFORMATION CALL:	a. NAME	b. TELEPHONE NUMBER *(No Collect Calls)*	8. OFFER DUE DATE/LOCAL TIME

9. ISSUED BY CODE W912HN

US ARMY ENGINEER DISTRICT SAVANNAH
100 W OGLETHORPE AVENUE
SAVANNAH GA 31401-3640

TEL:
FAX:

10. THIS ACQUISITION IS

- [ ] UNRESTRICTED
- [X] SET ASIDE: 100 % FOR
  - [ ] SMALL BUSINESS
  - [ ] HUBZONE SMALL BUSINESS
  - [X] 8(A)

NAICS: 541380
SIZE STANDARD: $5 million

11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED

- [ ] SEE SCHEDULE

12. DISCOUNT TERMS

Net 30 Days

- [ ] 13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)

13b. RATING

14. METHOD OF SOLICITATION

- [ ] RFQ
- [ ] IFB
- [ ] RFP

15. DELIVER TO CODE K6L0NE0

EN-GG GEO/HYDROG & HTRW DESIGN
100 W. OGLETHORPE AVE PO BOX 889
SAVANNAH GA 31402

16. ADMINISTERED BY CODE

SEE ITEM 9

17a. CONTRACTOR/OFFEROR CODE 1LE38

ANALYTICAL MANAGEMENT LABS, INC
TENKAFI VISWANATHAN
15130 SOUTH KEELER, SUITE B
OLATHE KS 66062

TEL. (913) 829-0101 EXT 26

FACILITY CODE

- [ ] 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER

18a. PAYMENT WILL BE MADE BY CODE DFAS

US ARMY CORPS OF ENGRS FINANCE CENTER
CEFC-AO-P
5720 INTEGRITY DRIVE
MILLINGTON TN 38054-5005

18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a. UNLESS BLOCK BELOW IS CHECKED - [ ] SEE ADDENDUM

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	SEE SCHEDULE				

25. ACCOUNTING AND APPROPRIATION DATA

See Schedule

26. TOTAL AWARD AMOUNT (For Govt. Use Only)

$24,791.10

- [ ] 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1. 52.212-4. FAR 52.212-3. 52.212-5 ARE ATTACHED. ADDENDA [ ] ARE [ ] ARE NOT ATTACHED
- [ ] 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA [ ] ARE [ ] ARE NOT ATTACHED

28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 0 COPIES

- [ ] TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.

29. AWARD OF CONTRACT: REFERENCE

- [ ] OFFER DATED . YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:

30a. SIGNATURE OF OFFEROR/CONTRACTOR

31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER)

Elaine D Parker

31c. DATE SIGNED: 16-May-2008

30b. NAME AND TITLE OF SIGNER *(TYPE OR PRINT)*

30c. DATE SIGNED

31b. NAME OF CONTRACTING OFFICER *(TYPE OR PRINT)*

LANEY PARKER / CONTRACT SPECIALIST

TEL: 912/652-5654 EMAIL: elaine.d.parker@usace.army.mil

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS (CONTINUED)		PAGE 2 OF 4

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	SEE SCHEDULE				

32a. QUANTITY IN COLUMN 21 HAS BEEN

☐ RECEIVED ☐ INSPECTED ☐ ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: _____

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32c. DATE	32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE

32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE
	32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE

33. SHIP NUMBER	34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT	37. CHECK NUMBER
☐ PARTIAL ☐ FINAL			☐ COMPLETE ☐ PARTIAL ☐ FINAL	

38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NUMBER	40. PAID BY

41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT		42a. RECEIVED BY *(Print)*	
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER	41c. DATE	42b. RECEIVED AT *(Location)*	
		42c. DATE REC'D *(YY/MM/DD)*	42d. TOTAL CONTAINERS

Section SF 1449 - CONTINUATION SHEET

CLIN	Description	Qty	U/I	U/P	TOTAL
0004AG	Organochlorine Pesticides by GC (EPA 8081A), Includes Separatory Extraction (EPA 3510C) and Florisil Cleanup (EPA 3620B), Aqueous	14	ea	$ 160.00	$ 2,240.00
0004AJ	Polychlorinated Biphenyls (PCBs) (EPA 8082) Includes Separatory Extraction (EPA 3510C) and Florisil Cleanup (EPA 3620B), Aqueous	14	ea	$ 135.00	$ 1,890.00
0004AP	Organophosphorous Pesticides by GC (EPA 8141A), Includes Separatory Extraction (EPA 3510C), Aqueous	14	ea	$ 175.00	$ 2,450.00
0004AT	Volatile Organic Compounds (EPA 8260B) Includes Purge and Trap (EPA 5030B), Aqueous	33	ea	$ 180.00	$ 5,940.00
0004AX	Semi-Volatile Organic Compounds (SVOCs) by GC/MS (EPA 8270C) Includes Separatory Extraction (EPA 3510C), Aqueous	14	ea	$ 330.00	$ 4,620.00
0005AB	Appendix I Metals (40 CFR 258) Includes Sample Preparation, Aqueous	19	ea	$ 125.00	$ 2,375.00
0006AB	Appendix II Inorganics (40 CFR 258) Includes Sample Preparation, Aqueous	14	ea	$ 235.00	$ 3,290.00
0010AD	Metals by ICP/MS per Metal (EPA 6020A) Includes Preparation (Al, Sb, As, Ba, Be, B, Cd, Ca, Ce, Cs, Cr, Co, Cu, Au, Fe, Pb, Li, Mg, Mn, Hg, Mo, Ni, Pd, P, Pt, K, Fe, Si, Ag, Se, Na, Sr, Tl, Sn, Ti, U, V, and Zn), Aqueous	8	ea	$ 30.00	$ 240.00
0010BE	Standard Method 3030C, Aqueous	41	ea	$ 10.00	$ 410.00
0010CR	Nitrate (EPA 352.1), Aqueous	34	ea	$ 25.00	$ 850.00
0014AB	PDF Copy of Final Report	1	LS	2%	$ 486.10
				TOTAL	$ 24,791.10

Testing and Analysis for Longstreet/Lamont Landfill at Ft Bragg, NC

1. The quantities listed above are estimated, however, the total amount of this Task Order shall not exceed $24,791.10

2. ACCOUNTING DATA:
   21 NA 2008 2020.0000 K6 2008 08 8021 13105615000 09133 3230 94KF8K NA LKH435

3. Receipt of this Task Order is YOUR NOTICE TO PROCEED.

4. Bottles/Coolers and trip blanks will be ordered as needed. Sample containers are required by 15 May 2008. Five sets of trip blank are required. Delivery of sample bottles and coolers will be coordinated by Savannah District's CESAS-EN-GG/Judson Smith/912-652-5673 or John Coombs/912-652-5671 . Work will be completed by 30 September 2008.

5. Reports due: 3 weeks after receipt of samples.

6. Reports and Invoices are to be sent to:
   US Army Corps of Engineers, Savannah District
   ATTN: CESAS-EN-GG/Judson Smith
   P.O. Box 889 (31402-0889)
   100 W. Oglethorpe Ave.
   Savannah, GA 31401

7. Chemist: Judson Smith: 912-652-5673.

AML
Analytical Management Laboratories, Inc.
15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

42693

Chain of Custody Record / Request for Analysis

Client Contact Name: JUD SMITH
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W OGLETHORPE
City, State, Zip: SAVANNAH, GA 31401
Phone #: (912) 652-5673 Ext:
Fax #: (912) 652-5311
Email:

Project Name: LAMOUT LANDFILL, FT BRAGG, NC
Project Number: DO 109
Purchase Order Number:
Project Due Date:
Project Comments:
Print Sampler's Name: JON COOMBS

Analysis/Method to be Performed (Check all that apply)

Laboratory Project Number: 0805127

Specify method # ---> APPI

Preservative: List total number of bottles for each preservative type.

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4°C	ICE	VOCs	SVOCs	Pesticides	PCBs	Herbicides	Metals (specify)	DRO	GRO	Explosives	Anions (specify)	NITRATE ICE	NITRATE H_2SO_4				Comments:
0805127-01	LMW-9D-5-08	5/21/08	0850	AQ	3		1		1			1						1					1	1				
0805127-02	LMW-9S-5-08	5/21/08	1035	AQ	3		1		1			1						1					1	1				
0805127-03	LMW-DUP2-5-08	5/21/08	1045	AQ	3		1		1			1						1					1	1				
0805127-04	LMW-10-5-08	5/21/08	1300	AQ	3		1		1			1						1					1	1				
0805127-05	LMW-16-5-08	5/21/08	1355	AQ	3		1		1			1						1					1	1				
0805127-06	LMW-4r-5-08	5/21/08	1503	AQ	3		1		1			1						1					1	1				
0805127-07	LMW-15S-5-08	5/21/08	1555	AQ	3		1		1			1						1					1	1				
8																												
9																												
10																												

Please include any information that may be useful in the analysis of the sample.
Example: high concentration
List analytes
MS/MSD

CUSTODY						
Relinquished By:	[signature]	Date/Time:	5/21/08 1530	Received By:	SHIPPED	Date/Time: 5/21/08 1530
Relinquished By:		Date/Time:		Received By:	[signature]	Date/Time: 5/22/08 10:00am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method	Custody Seals	Condition	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☒ Courier Fedex ☐ Airbill #: 842591972548	☐ Yes ☐ No ☐ Intact ☐ Broken	☐ Ice ☐ Blue Ice ☐ None	2.0°C ☐ Temp. Blank ☒ Cooler	

Analytical Management Laboratories - Sample Status and Receipt Report

AML Project Number 0805127 **Client AML ID** USACE Savannah **Report Lvl.** 3

Work Order Due Date 06/05/08 **Client Project ID** Lamont Landfill, Ft Bragg, NC, DO# 109

Work Order TAT 14

AML Sample	*Matrix*	Client Sample ID	Date Collected	Projected Analytical Due Date	Analysis	Comments
0805127-01	Water	LMW-9D-5-08	05/21/08 08:50	06/03/08	Metals by 6010B	Appendix I Metals
0805127-01	Water	LMW-9D-5-08	05/21/08 08:50	06/03/08	Metals by 6020A	Appendix I Metals
0805127-01	Water	LMW-9D-5-08	05/21/08 08:50	06/03/08	Metals, Hg by 7470A	
0805127-01	Water	LMW-9D-5-08	05/21/08 08:50	06/03/08	NO2 and NO3 by 300.0	Nitrate
0805127-02	Water	LMW-9S-5-08	05/21/08 10:35	06/03/08	Metals by 6020A	Appendix I Metals
0805127-02	Water	LMW-9S-5-08	05/21/08 10:35	06/03/08	Metals by 6010B	Appendix I Metals
0805127-02	Water	LMW-9S-5-08	05/21/08 10:35	06/03/08	NO2 and NO3 by 300.0	Nitrate
0805127-02	Water	LMW-9S-5-08	05/21/08 10:35	06/03/08	Metals, Hg by 7470A	
0805127-03	Water	LMW-DUP2-5-08	05/21/08 10:45	06/03/08	Metals by 6010B	Appendix I Metals
0805127-03	Water	LMW-DUP2-5-08	05/21/08 10:45	06/03/08	NO2 and NO3 by 300.0	Nitrate
0805127-03	Water	LMW-DUP2-5-08	05/21/08 10:45	06/03/08	Metals by 6020A	Appendix I Metals
0805127-03	Water	LMW-DUP2-5-08	05/21/08 10:45	06/03/08	Metals, Hg by 7470A	
0805127-04	Water	LMW-10-5-08	05/21/08 13:00	06/03/08	Metals by 6020A	Appendix I Metals
0805127-04	Water	LMW-10-5-08	05/21/08 13:00	06/03/08	Metals by 6010B	Appendix I Metals
0805127-04	Water	LMW-10-5-08	05/21/08 13:00	06/03/08	Metals, Hg by 7470A	
0805127-04	Water	LMW-10-5-08	05/21/08 13:00	06/03/08	NO2 and NO3 by 300.0	Nitrate
0805127-05	Water	LMW-16-5-08	05/21/08 13:55	06/03/08	Metals, Hg by 7470A	
0805127-05	Water	LMW-16-5-08	05/21/08 13:55	06/03/08	NO2 and NO3 by 300.0	Nitrate
0805127-05	Water	LMW-16-5-08	05/21/08 13:55	06/03/08	Metals by 6020A	Appendix I Metals
0805127-05	Water	LMW-16-5-08	05/21/08 13:55	06/03/08	Metals by 6010B	Appendix I Metals
0805127-06	Water	LMW-14r-5-08	05/21/08 15:03	06/03/08	Metals by 6010B	Appendix I Metals
0805127-06	Water	LMW-14r-5-08	05/21/08 15:03	06/03/08	NO2 and NO3 by 300.0	Nitrate
0805127-06	Water	LMW-14r-5-08	05/21/08 15:03	06/03/08	Metals, Hg by 7470A	
0805127-06	Water	LMW-14r-5-08	05/21/08 15:03	06/03/08	Metals by 6020A	Appendix I Metals

Analytical Management Laboratories - Sample Status and Receipt Report

AML Project Number 0805127

Work Order Due Date 06/05/08

Work Order TAT 14

Client AML ID USACE Savannah

Report Lvl. 3

Client Project ID Lamont Landfill, Ft Bragg, NC, DO# 109

AML Sample	*Matrix*	Client Sample ID	Date Collected	Projected Analytical Due Date	Analysis	Comments
0805127-07	Water	LMW-15r-5-08	05/21/08 15:55	06/03/08	Metals by 6020A	Appendix I Metals
0805127-07	Water	LMW-15r-5-08	05/21/08 15:55	06/03/08	Metals, Hg by 7470A	
0805127-07	Water	LMW-15r-5-08	05/21/08 15:55	06/03/08	NO2 and NO3 by 300.0	Nitrate
0805127-07	Water	LMW-15r-5-08	05/21/08 15:55	06/03/08	Metals by 6010B	Appendix I Metals

Analytical Management Laboratories, Inc.

AML - Sample Condition Upon Receipt Report
(See Comments for exceptions)

Client ID: USACE_Sav

AML Work Order Number: 0805127

Project ID: Lamont Landfill, Ft Bragg, NC, DO#

Cooler ID: Default Cooler

Delivery Method

Delivery Method: Fed Ex

Name of Person Receiving Samples: Nissa Said

Airbill Number: 842591972916

Custody Seals

Were Custody Seals Present? Yes

Cooler Opened By: Nissa Said

Were Custody Seals Intact? Yes

Date Opened 5/22/2008

Packaging / Coolant / Temperature

Type of Coolant Used: Ice

Temperature of Cooler: 2.00°C

Type of Packing Used: Bubble Wrap

Did all the bottles arrive unbroken? Yes

Were all bottles sealed in separate plastic bags? Yes

Chain of Custody

Was Chain of Custody filled out properly? Yes

Do Chain of Custody and Sample Labels agree? Yes

Comments/ Exceptions

Were all sample labels complete? Yes

Was a sufficient amount of sample sent for analysis? Yes

Were samples received in proper containers? Yes

Were air bubbles absent in VOA samples? Yes

Was sample pH within QC limits? Yes
(if no see comments)

Was project manager contacted about any "out of control" issues? Yes

Samples Received by: Nissa Said

Project Manager Review: MK

Date: 5/23/08

Field Sample Analysis Data Sheets

(Form I equivalents)

0805127

(Sample Delivery Group, SDG)

6020A

(Parameter)

P805319

(Analytical Batch)

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-9D-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805127-01
% Solids:	NA	Date Collected:	05/21/08 08:50
Analytical Method:	6020A	Date Analyzed:	05/22/08 19:31
Preparation:	SM3030C	Date Received:	05/22/08 10:00
Batch:	P805319	Date Leached:	NA
Leach Method:		Date Prepared:	05/22/08 11:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic	3.84	ug/L		1.00	2.00	1
7440-39-3	Barium	10.1	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium	3.32	ug/L	J	2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper	2.63	ug/L	J	2.50	5.00	1
7439-92-1	Lead	3.94	ug/L		0.500	1.00	1
7440-02-0	Nickel	1.45	ug/L	J	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-62-2	Vanadium	5.48	ug/L		2.50	5.00	1
7440-66-6	Zinc	18.0	ug/L		5.00	10.0	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-9S-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805127-02
% Solids:	NA	Date Collected:	05/21/08 10:35
Analytical Method:	6020A	Date Analyzed:	05/22/08 19:36
Preparation:	SM3030C	Date Received:	05/22/08 10:00
Batch:	P805319	Date Leached:	NA
Leach Method:		Date Prepared:	05/22/08 11:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium	75.3	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium		ug/L	U	2.50	5.00	1
7440-48-4	Cobalt	1.13	ug/L		0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel	1.51	ug/L	J	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc	32.2	ug/L		5.00	10.0	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-DUP2-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805127-03
% Solids:	NA	Date Collected:	05/21/08 10:45
Analytical Method:	6020A	Date Analyzed:	05/22/08 20:10
Preparation:	SM3030C	Date Received:	05/22/08 10:00
Batch:	P805319	Date Leached:	NA
Leach Method:		Date Prepared:	05/22/08 11:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium	73.3	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium		ug/L	U	2.50	5.00	1
7440-48-4	Cobalt	1.07	ug/L		0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel	1.46	ug/L	J	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc	28.2	ug/L		5.00	10.0	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-10-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805127-04
% Solids:	NA	Date Collected:	05/21/08 13:00
Analytical Method:	6020A	Date Analyzed:	05/22/08 20:31
Preparation:	SM3030C	Date Received:	05/22/08 10:00
Batch:	P805319	Date Leached:	NA
Leach Method:		Date Prepared:	05/22/08 11:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium	12.0	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium		ug/L	U	2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper	2.79	ug/L	J	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel	1.53	ug/L	J	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc	40.8	ug/L		5.00	10.0	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-16-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805127-05
% Solids:	NA	Date Collected:	05/21/08 13:55
Analytical Method:	6020A	Date Analyzed:	05/22/08 20:37
Preparation:	SM3030C	Date Received:	05/22/08 10:00
Batch:	P805319	Date Leached:	NA
Leach Method:		Date Prepared:	05/22/08 11:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium	22.9	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium		ug/L	U	2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel		ug/L	U	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc	15.8	ug/L		5.00	10.0	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-14r-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805127-06
% Solids:	NA	Date Collected:	05/21/08 15:03
Analytical Method:	6020A	Date Analyzed:	05/22/08 20:43
Preparation:	SM3030C	Date Received:	05/22/08 10:00
Batch:	P805319	Date Leached:	NA
Leach Method:		Date Prepared:	05/22/08 11:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium	9.72	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium		ug/L	U	2.50	5.00	1
7440-48-4	Cobalt	0.514	ug/L	J	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel	2.39	ug/L		1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc	18.2	ug/L		5.00	10.0	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-15r-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805127-07
% Solids:	NA	Date Collected:	05/21/08 15:55
Analytical Method:	6020A	Date Analyzed:	05/22/08 20:48
Preparation:	SM3030C	Date Received:	05/22/08 10:00
Batch:	P805319	Date Leached:	NA
Leach Method:		Date Prepared:	05/22/08 11:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium	24.3	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium		ug/L	U	2.50	5.00	1
7440-48-4	Cobalt	0.652	ug/L	J	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel	1.12	ug/L	J	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc	39.3	ug/L		5.00	10.0	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0805127

(Sample Delivery Group, SDG)

7470A

(Parameter)

P805337

(Analytical Batch)

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-9D-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805127-01
% Solids:	NA	Date Collected:	05/21/08 08:50
Analytical Method:	7470A	Date Analyzed:	05/28/08 16:09
Preparation:	EPA 7470A Prep	Date Received:	05/22/08 10:00
Batch:	P805337	Date Leached:	NA
Leach Method:		Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-9S-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805127-02
% Solids:	NA	Date Collected:	05/21/08 10:35
Analytical Method:	7470A	Date Analyzed:	05/28/08 16:11
Preparation:	EPA 7470A Prep	Date Received:	05/22/08 10:00
Batch:	P805337	Date Leached:	NA
Leach Method:		Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	0.185	ug/L	J	0.100	0.200	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-DUP2-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805127-03
% Solids:	NA	Date Collected:	05/21/08 10:45
Analytical Method:	7470A	Date Analyzed:	05/28/08 16:14
Preparation:	EPA 7470A Prep	Date Received:	05/22/08 10:00
Batch:	P805337	Date Leached:	NA
Leach Method:		Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	0.186	ug/L	J	0.100	0.200	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-10-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805127-04
% Solids:	NA	Date Collected:	05/21/08 13:00
Analytical Method:	7470A	Date Analyzed:	05/28/08 16:16
Preparation:	EPA 7470A Prep	Date Received:	05/22/08 10:00
Batch:	P805337	Date Leached:	NA
Leach Method:		Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	0.149	ug/L	J	0.100	0.200	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-16-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805127-05
% Solids:	NA	Date Collected:	05/21/08 13:55
Analytical Method:	7470A	Date Analyzed:	05/28/08 16:18
Preparation:	EPA 7470A Prep	Date Received:	05/22/08 10:00
Batch:	P805337	Date Leached:	NA
Leach Method:		Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	0.125	ug/L	J	0.100	0.200	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-14r-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805127-06
% Solids:	NA	Date Collected:	05/21/08 15:03
Analytical Method:	7470A	Date Analyzed:	05/28/08 16:20
Preparation:	EPA 7470A Prep	Date Received:	05/22/08 10:00
Batch:	P805337	Date Leached:	NA
Leach Method:		Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-15r-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805127-07
% Solids:	NA	Date Collected:	05/21/08 15:55
Analytical Method:	7470A	Date Analyzed:	05/28/08 16:27
Preparation:	EPA 7470A Prep	Date Received:	05/22/08 10:00
Batch:	P805337	Date Leached:	NA
Leach Method:		Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0805127

(Sample Delivery Group, SDG)

300.0

(Parameter)

P805318

(Analytical Batch)

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-9D-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	0805127-01
% Solids:	NA	Date Collected:	05/21/08 08:50
Analytical Method:	300.0	Date Analyzed:	05/22/08 11:45
Preparation:	300.0	Date Received:	05/22/08 10:00
Batch:	P805318	Date Leached:	NA
Leach Method:		Date Prepared:	05/22/08 09:08

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N		mg/L	U	0.0570	0.113	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-9S-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	0805127-02
% Solids:	NA	Date Collected:	05/21/08 10:35
Analytical Method:	300.0	Date Analyzed:	05/23/08 12:06
Preparation:	300.0	Date Received:	05/22/08 10:00
Batch:	P805318	Date Leached:	NA
Leach Method:		Date Prepared:	05/22/08 09:08

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N		mg/L	U	0.0570	0.113	1

Note:

Sample was analyzed outside the analytical hold time, but within two times the analytical hold time.

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-DUP2-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	0805127-03
% Solids:	NA	Date Collected:	05/21/08 10:45
Analytical Method:	300.0	Date Analyzed:	05/23/08 12:28
Preparation:	300.0	Date Received:	05/22/08 10:00
Batch:	P805318	Date Leached:	NA
Leach Method:		Date Prepared:	05/22/08 09:08

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	0.364	mg/L		0.0570	0.113	1

Note:

Sample was analyzed outside the analytical hold time, but within two times the analytical hold time.

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-10-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	0805127-04
% Solids:	NA	Date Collected:	05/21/08 13:00
Analytical Method:	300.0	Date Analyzed:	05/23/08 01:32
Preparation:	300.0	Date Received:	05/22/08 10:00
Batch:	P805318	Date Leached:	NA
Leach Method:		Date Prepared:	05/22/08 09:08

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	0.406	mg/L		0.0570	0.113	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-16-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	0805127-05
% Solids:	NA	Date Collected:	05/21/08 13:55
Analytical Method:	300.0	Date Analyzed:	05/23/08 01:53
Preparation:	300.0	Date Received:	05/22/08 10:00
Batch:	P805318	Date Leached:	NA
Leach Method:		Date Prepared:	05/22/08 09:08

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	0.377	mg/L		0.0570	0.113	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-14r-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	0805127-06
% Solids:	NA	Date Collected:	05/21/08 15:03
Analytical Method:	300.0	Date Analyzed:	05/23/08 02:04
Preparation:	300.0	Date Received:	05/22/08 10:00
Batch:	P805318	Date Leached:	NA
Leach Method:		Date Prepared:	05/22/08 09:08

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	0.371	mg/L		0.0570	0.113	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-15r-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	0805127-07
% Solids:	NA	Date Collected:	05/21/08 15:55
Analytical Method:	300.0	Date Analyzed:	05/23/08 02:47
Preparation:	300.0	Date Received:	05/22/08 10:00
Batch:	P805318	Date Leached:	NA
Leach Method:		Date Prepared:	05/22/08 09:08

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N		mg/L	U	0.0570	0.113	1

Note:

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0805127

(Sample Delivery Group, SDG)

6020A

(Parameter)

P805319

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** METALS

QC Batch: P805319 **Method:** 6020A

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
5/22/08	5/22/08	0805127-01		SAMPLE	0805127
5/22/08	5/22/08	0805127-02		SAMPLE	0805127
5/22/08	5/22/08	0805127-03		SAMPLE	0805127
5/22/08	5/22/08	0805127-04		SAMPLE	0805127
5/22/08	5/22/08	0805127-05		SAMPLE	0805127
5/22/08	5/22/08	0805127-06		SAMPLE	0805127
5/22/08	5/22/08	0805127-07		SAMPLE	0805127
5/22/08	5/22/08	8E22004-SRD1	0805127-02	Serial Dilution	0805127
5/22/08	5/22/08	P805319-BLK1		Method Blank	0805127
5/22/08	5/22/08	P805319-BS1		LCS	0805127
5/22/08	5/22/08	P805319-BSD1		LCS Dup	0805127
5/22/08	5/22/08	P805319-MS1	0805127-02	Matrix Spike	0805127
5/22/08	5/22/08	P805319-MSD1	0805127-02	Matrix Spike Dup	0805127
5/22/08	5/22/08	P805319-PS1	0805127-02	Post Spike	0805127

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805319-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	05/22/08 19:10
Preparation:	SM3030C	Date Received:	
Batch:	P805319	Date Prepared:	05/22/08 11:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium		ug/L	U	0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium		ug/L	U	2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel		ug/L	U	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc		ug/L	U	5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805319-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	05/22/08 19:15
Preparation:	SM3030C	Date Received:	
Batch:	P805319	Date Prepared:	05/22/08 11:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	46.9	ug/L		0.500	1.00	1
7440-38-2	Arsenic	51.5	ug/L		1.00	2.00	1
7440-39-3	Barium	453	ug/L		0.500	1.00	1
7440-41-7	Beryllium	58.2	ug/L		0.500	1.00	1
7440-43-9	Cadmium	53.3	ug/L		0.500	1.00	1
7440-47-3	Chromium	56.0	ug/L		2.50	5.00	1
7440-48-4	Cobalt	50.6	ug/L		0.500	1.00	1
7440-50-8	Copper	47.6	ug/L		2.50	5.00	1
7439-92-1	Lead	473	ug/L		0.500	1.00	1
7440-02-0	Nickel	49.6	ug/L		1.00	2.00	1
7782-49-2	Selenium	48.7	ug/L		2.00	4.00	1
7440-22-4	Silver	53.1	ug/L		0.500	1.00	1
7440-28-0	Thallium	54.3	ug/L		0.500	1.00	1
7440-62-2	Vanadium	50.6	ug/L		2.50	5.00	1
7440-66-6	Zinc	196	ug/L		5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805319-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	05/22/08 19:22
Preparation:	SM3030C	Date Received:	
Batch:	P805319	Date Prepared:	05/22/08 11:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	48.2	ug/L		0.500	1.00	1
7440-38-2	Arsenic	51.9	ug/L		1.00	2.00	1
7440-39-3	Barium	450	ug/L		0.500	1.00	1
7440-41-7	Beryllium	56.3	ug/L		0.500	1.00	1
7440-43-9	Cadmium	55.1	ug/L		0.500	1.00	1
7440-47-3	Chromium	52.1	ug/L		2.50	5.00	1
7440-48-4	Cobalt	47.6	ug/L		0.500	1.00	1
7440-50-8	Copper	50.2	ug/L		2.50	5.00	1
7439-92-1	Lead	442	ug/L		0.500	1.00	1
7440-02-0	Nickel	50.9	ug/L		1.00	2.00	1
7782-49-2	Selenium	48.3	ug/L		2.00	4.00	1
7440-22-4	Silver	54.2	ug/L		0.500	1.00	1
7440-28-0	Thallium	51.1	ug/L		0.500	1.00	1
7440-62-2	Vanadium	47.7	ug/L		2.50	5.00	1
7440-66-6	Zinc	191	ug/L		5.00	10.0	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P805319

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P805319-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Antimony	50.0	46.9	93.9		80	120
Arsenic	50.0	51.5	103		80	120
Barium	500	453	90.6		80	120
Beryllium	50.0	58.2	116		80	120
Cadmium	50.0	53.3	107		80	120
Chromium	50.0	56.0	112		80	120
Cobalt	50.0	50.6	101		80	120
Copper	50.0	47.6	95.2		80	120
Lead	500	473	94.6		80	120
Nickel	50.0	49.6	99.2		80	120
Selenium	50.0	48.7	97.5		80	120
Silver	50.0	53.1	106		80	120
Thallium	50.0	54.3	109		80	120
Vanadium	50.0	50.6	101		80	120
Zinc	200	196	98.2		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 15

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805319

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P805319-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Antimony	50.0	48.2	96.4		80	120	2.66
Arsenic	50.0	51.9	104		80	120	0.733
Barium	500	450	89.9		80	120	0.686
Beryllium	50.0	56.3	113		80	120	3.35
Cadmium	50.0	55.1	110		80	120	3.43
Chromium	50.0	52.1	104		80	120	7.13
Cobalt	50.0	47.6	95.1		80	120	6.15
Copper	50.0	50.2	100		80	120	5.29
Lead	500	442	88.4		80	120	6.79
Nickel	50.0	50.9	102		80	120	2.59
Selenium	50.0	48.3	96.5		80	120	0.973
Silver	50.0	54.2	108		80	120	2.02
Thallium	50.0	51.1	102		80	120	5.96
Vanadium	50.0	47.7	95.5		80	120	5.87
Zinc	200	191	95.6		80	120	2.61

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 15

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805319-MS1
% Solids:	NA	Date Collected:	05/21/08 10:35
Analytical Methdod:	6020A	Date Analyzed:	05/22/08 19:47
Preparation:	SM3030C	Date Received:	05/22/08 10:00
Batch:	P805319	Date Prepared:	05/22/08 11:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	48.1	ug/L		0.500	1.00	1
7440-38-2	Arsenic	45.2	ug/L		1.00	2.00	1
7440-39-3	Barium	515	ug/L		0.500	1.00	1
7440-41-7	Beryllium	56.9	ug/L		0.500	1.00	1
7440-43-9	Cadmium	50.9	ug/L		0.500	1.00	1
7440-47-3	Chromium	59.0	ug/L		2.50	5.00	1
7440-48-4	Cobalt	46.0	ug/L		0.500	1.00	1
7440-50-8	Copper	43.5	ug/L		2.50	5.00	1
7439-92-1	Lead	470	ug/L		0.500	1.00	1
7440-02-0	Nickel	43.3	ug/L		1.00	2.00	1
7782-49-2	Selenium	45.4	ug/L		2.00	4.00	1
7440-22-4	Silver	53.5	ug/L		0.500	1.00	1
7440-28-0	Thallium	54.2	ug/L		0.500	1.00	1
7440-62-2	Vanadium	54.6	ug/L		2.50	5.00	1
7440-66-6	Zinc	197	ug/L		5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805319-MSD1
% Solids:	NA	Date Collected:	05/21/08 10:35
Analytical Methdod:	6020A	Date Analyzed:	05/22/08 19:54
Preparation:	SM3030C	Date Received:	05/22/08 10:00
Batch:	P805319	Date Prepared:	05/22/08 11:09

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	48.7	ug/L		0.500	1.00	1
7440-38-2	Arsenic	47.6	ug/L		1.00	2.00	1
7440-39-3	Barium	474	ug/L		0.500	1.00	1
7440-41-7	Beryllium	57.8	ug/L		0.500	1.00	1
7440-43-9	Cadmium	55.0	ug/L		0.500	1.00	1
7440-47-3	Chromium	57.2	ug/L		2.50	5.00	1
7440-48-4	Cobalt	45.2	ug/L		0.500	1.00	1
7440-50-8	Copper	45.7	ug/L		2.50	5.00	1
7439-92-1	Lead	460	ug/L		0.500	1.00	1
7440-02-0	Nickel	46.5	ug/L		1.00	2.00	1
7782-49-2	Selenium	46.2	ug/L		2.00	4.00	1
7440-22-4	Silver	53.5	ug/L		0.500	1.00	1
7440-28-0	Thallium	53.6	ug/L		0.500	1.00	1
7440-62-2	Vanadium	53.3	ug/L		2.50	5.00	1
7440-66-6	Zinc	203	ug/L		5.00	10.0	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P805319

Fraction: METALS Matrix: Water

Units: ug/L

Original Sample ***0805127-02*** ***Lab Sample ID for MS :*** ***P805319-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Antimony	0	50.0	48.1	96.2		75	125
Arsenic	0	50.0	45.2	90.3		75	125
Barium	75.3	500	515	88.0		75	125
Beryllium	0	50.0	56.9	114		75	125
Cadmium	0	50.0	50.9	102		75	125
Chromium	0	50.0	59.0	118		75	125
Cobalt	1.13	50.0	46.0	89.7		75	125
Copper	0	50.0	43.5	87.1		75	125
Lead	0	500	470	94.0		75	125
Nickel	1.51	50.0	43.3	83.5		75	125
Selenium	0	50.0	45.4	90.8		75	125
Silver	0	50.0	53.5	107		75	125
Thallium	0	50.0	54.2	108		75	125
Vanadium	0	50.0	54.6	109		75	125
Zinc	32.2	200	197	82.3		75	125

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805319

Fraction: METALS Matrix: Water

Units: ug/L

Original Sample ***0805127-02*** ***Lab Sample ID for MSD*** ***P805319-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Antimony	0	50.0	48.7	97.4		1.26		75	125	20
Arsenic	0	50.0	47.6	95.2		5.25		75	125	20
Barium	75.3	500	474	79.7		8.46		75	125	20
Beryllium	0	50.0	57.8	116		1.68		75	125	20
Cadmium	0	50.0	55.0	110		7.78		75	125	20
Chromium	0	50.0	57.2	114		3.20		75	125	20
Cobalt	1.13	50.0	45.2	88.2		1.68		75	125	20
Copper	0	50.0	45.7	91.3		4.75		75	125	20
Lead	0	500	460	92.0		2.17		75	125	20
Nickel	1.51	50.0	46.5	90.0		7.17		75	125	20
Selenium	0	50.0	46.2	92.3		1.63		75	125	20
Silver	0	50.0	53.5	107		0.0616		75	125	20
Thallium	0	50.0	53.6	107		1.13		75	125	20
Vanadium	0	50.0	53.3	107		2.40		75	125	20
Zinc	32.2	200	203	85.3		2.96		75	125	20

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Post Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805319-PS1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	6020A	Date Collected:	05/21/08 10:35
Preparation:	SM3030C	Date Analyzed:	05/22/08 20:01
Batch:	P805319	Date Received:	05/22/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	49.4	ug/L		0.500	1.00	1
7440-38-2	Arsenic	47.4	ug/L		1.00	2.00	1
7440-39-3	Barium	480	ug/L		0.500	1.00	1
7440-41-7	Beryllium	55.6	ug/L		0.500	1.00	1
7440-43-9	Cadmium	53.1	ug/L		0.500	1.00	1
7440-47-3	Chromium	53.5	ug/L		2.50	5.00	1
7440-48-4	Cobalt	44.1	ug/L		0.500	1.00	1
7440-50-8	Copper	46.9	ug/L		2.50	5.00	1
7439-92-1	Lead	442	ug/L		0.500	1.00	1
7440-02-0	Nickel	46.0	ug/L		1.00	2.00	1
7782-49-2	Selenium	46.5	ug/L		2.00	4.00	1
7440-22-4	Silver	53.6	ug/L		0.500	1.00	1
7440-28-0	Thallium	51.2	ug/L		0.500	1.00	1
7440-62-2	Vanadium	47.7	ug/L		2.50	5.00	1
7440-66-6	Zinc	203	ug/L		5.00	10.0	1

Form 5B - Equivalent

POST DIGESTION SPIKE SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc.

Fraction: METALS

Analytical Batch: 8E22004

Prep Batch: P805319

COMPOUND	Original Amount	SPIKE ADDED	PDS Amount	PDS % REC	PDS % REC FLAG	QC. LIMITS LCL	QC. LIMITS UCL
Antimony	ND	50.0	49.4	98.8		75	125
Arsenic	ND	50.0	47.4	94.8		75	125
Barium	75.3	500	480	81.0		75	125
Beryllium	ND	50.0	55.6	111		75	125
Cadmium	ND	50.0	53.1	106		75	125
Chromium	ND	50.0	53.5	107		75	125
Cobalt	1.13	50.0	44.1	85.9		75	125
Copper	ND	50.0	46.9	93.7		75	125
Lead	ND	500	442	88.4		75	125
Nickel	1.51	50.0	46.0	88.9		75	125
Selenium	ND	50.0	46.5	92.9		75	125
Silver	ND	50.0	53.6	107		75	125
Thallium	ND	50.0	51.2	102		75	125
Vanadium	ND	50.0	47.7	95.3		75	125
Zinc	32.2	200	203	85.4		75	125

* Values outside of QC limits

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Serial Dilution
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	8E22004-SRD1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	6020A	Date Collected:	05/21/08 10:35
Preparation:	P805319	Date Analyzed:	05/22/08 19:42
Batch:	8E22004	Date Received:	05/22/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	2.50	5.00	5
7440-38-2	Arsenic		ug/L	U	5.00	10.0	5
7440-39-3	Barium	74.6	ug/L		2.50	5.00	5
7440-41-7	Beryllium		ug/L	U	2.50	5.00	5
7440-43-9	Cadmium		ug/L	U	2.50	5.00	5
7440-47-3	Chromium		ug/L	U	12.5	25.0	5
7440-48-4	Cobalt		ug/L	U	2.50	5.00	5
7440-50-8	Copper		ug/L	U	12.5	25.0	5
7439-92-1	Lead		ug/L	U	2.50	5.00	5
7440-02-0	Nickel		ug/L	U	5.00	10.0	5
7782-49-2	Selenium		ug/L	U	10.0	20.0	5
7440-22-4	Silver		ug/L	U	2.50	5.00	5
7440-28-0	Thallium		ug/L	U	2.50	5.00	5
7440-62-2	Vanadium		ug/L	U	12.5	25.0	5
7440-66-6	Zinc	35.1	ug/L	J	25.0	50.0	5

Form 8 - Equivalent

PERCENT DIFFERENCE FOR SERIAL DILUTION SAMPLE

Lab Name: Analytical Management Laboratories, Inc. Analytical Batch: 8E22004

Fraction: METALS

Orig HSN: 0805127-02 **SD HSN:** 8E22004-SRD1

Orig Dil: 1 **SD Dil:** 5

COMPOUND	Original Amount	SD Amount	%D	QC FLAG	QC. LIMIT UCL
Antimony	U	U	NA		10
Arsenic	U	U	NA		10
Barium	75.3	74.6	0.930		10
Beryllium	U	U	NA		10
Cadmium	U	U	NA		10
Chromium	U	U	NA		10
Cobalt	1.13	U	NA		10
Copper	U	U	NA		10
Lead	U	U	NA		10
Nickel	1.51	U	NA		10
Selenium	U	U	NA		10
Silver	U	U	NA		10
Thallium	U	U	NA		10
Vanadium	U	U	NA		10
Zinc	32.2	35.1	9.01		10

* Values outside of QC limits

NA = Not Applicable

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0805127

(Sample Delivery Group, SDG)

7470A

(Parameter)

P805337

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** METALS

QC Batch: P805337 **Method:** 7470A

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
5/28/08	5/23/08	0805127-01		SAMPLE	0805127
5/28/08	5/23/08	0805127-02		SAMPLE	0805127
5/28/08	5/23/08	0805127-03		SAMPLE	0805127
5/28/08	5/23/08	0805127-04		SAMPLE	0805127
5/28/08	5/23/08	0805127-05		SAMPLE	0805127
5/28/08	5/23/08	0805127-06		SAMPLE	0805127
5/28/08	5/23/08	0805127-07		SAMPLE	0805127
5/28/08	5/23/08	P805337-BLK1		Method Blank	0805127
5/28/08	5/23/08	P805337-BLK2		Method Blank	0805127
5/28/08	5/23/08	P805337-BLK3		Method Blank	0805127
5/28/08	5/23/08	P805337-BLK4		Method Blank	0805127
5/28/08	5/23/08	P805337-BS1		LCS	0805127
5/28/08	5/23/08	P805337-BSD1		LCS Dup	0805127
5/28/08	5/23/08	P805337-MS1	0805126-01	Matrix Spike	0805127
5/28/08	5/23/08	P805337-MSD1	0805126-01	Matrix Spike Dup	0805127
5/28/08	5/23/08	P805337-PS1	0805126-01	Post Spike	0805127

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805337-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	05/28/08 15:09
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P805337	Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805337-BLK2
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	05/28/08 15:21
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P805337	Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805337-BLK3
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	05/28/08 15:41
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P805337	Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805337-BLK4
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	05/28/08 15:15
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P805337	Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P805337-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	05/28/08 15:11
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P805337	Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.07	ug/L		0.102	0.204	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P805337-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	05/28/08 15:13
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P805337	Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.98	ug/L		0.102	0.204	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P805337
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Lab Sample ID: ***P805337-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Mercury	2.04	2.07	102		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805337

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P805337-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Mercury	2.04	1.98	97.0		80	120	4.53

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P805337-MS1
% Solids:	NA	Date Collected:	05/21/08 11:10
Analytical Methdod:	7470A	Date Analyzed:	05/28/08 15:54
Preparation:	EPA 7470A Prep	Date Received:	05/21/08 17:00
Batch:	P805337	Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.00	ug/L		0.102	0.204	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P805337-MSD1
% Solids:	NA	Date Collected:	05/21/08 11:10
Analytical Methdod:	7470A	Date Analyzed:	05/28/08 16:00
Preparation:	EPA 7470A Prep	Date Received:	05/21/08 17:00
Batch:	P805337	Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.03	ug/L		0.102	0.204	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P805337
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Original Sample ***0805126-01*** ***Lab Sample ID for MS :*** ***P805337-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Mercury	0	2.04	2.00	98.0		80	120

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805337

Fraction: METALS Matrix: Water

Units: ug/L

Original Sample ***0805126-01*** ***Lab Sample ID for MSD*** ***P805337-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Mercury	0	2.04	2.03	99.5		1.52		80	120	20

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Post Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805337-PS1
% Solids:	NA	Instrument ID:	HYDRA AA
Analytical Methdod:	7470A	Date Collected:	05/21/08 11:10
Preparation:	EPA 7470A Prep	Date Analyzed:	05/28/08 16:02
Batch:	P805337	Date Received:	05/21/08 17:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.26	ug/L		0.100	0.200	1

Form 5B - Equivalent

POST DIGESTION SPIKE SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc.

Fraction: METALS

Analytical Batch: 8E23011

Prep Batch: P805337

COMPOUND	Original Amount	SPIKE ADDED	PDS Amount	PDS % REC	PDS % REC FLAG	QC. LIMITS LCL	QC. LIMITS UCL
Mercury	ND	2.00	2.26	113		80	120

* Values outside of QC limits

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0805127

(Sample Delivery Group, SDG)

300.0

(Parameter)

P805318

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** Wet Chemistry

QC Batch: P805318 **Method:** 300.0

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
5/22/08	5/22/08	0805127-01		SAMPLE	0805127
5/23/08	5/22/08	0805127-02		SAMPLE	0805127
5/23/08	5/22/08	0805127-03		SAMPLE	0805127
5/23/08	5/22/08	0805127-04		SAMPLE	0805127
5/23/08	5/22/08	0805127-05		SAMPLE	0805127
5/23/08	5/22/08	0805127-06		SAMPLE	0805127
5/23/08	5/22/08	0805127-07		SAMPLE	0805127
5/22/08	5/22/08	P805318-BLK1		Method Blank	0805127
5/22/08	5/22/08	P805318-BS1		LCS	0805127
5/22/08	5/22/08	P805318-BSD1		LCS Dup	0805127
5/22/08	5/22/08	P805318-MS1	0805126-01	Matrix Spike	0805127
5/22/08	5/22/08	P805318-MSD1	0805126-01	Matrix Spike Dup	0805127

Form 1 - Equivalent

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P805318-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	300.0	Date Analyzed:	05/22/08 21:20
Preparation:	300.0	Date Received:	
Batch:	P805318	Date Prepared:	05/22/08 09:08

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N		mg/L	U	0.0570	0.113	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P805318-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	300.0	Date Analyzed:	05/22/08 21:41
Preparation:	300.0	Date Received:	
Batch:	P805318	Date Prepared:	05/22/08 09:08

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	4.32	mg/L		0.0570	0.113	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P805318-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	300.0	Date Analyzed:	05/22/08 22:01
Preparation:	300.0	Date Received:	
Batch:	P805318	Date Prepared:	05/22/08 09:08

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	4.45	mg/L		0.0570	0.113	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P805318

Fraction: WET Matrix: Water

Units: mg/L

Lab Sample ID: ***P805318-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Nitrate-N	4.52	4.32	95.6		90	110

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805318

Fraction: WET Matrix: Water

Units: mg/L

Lab Sample ID: ***P805318-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Nitrate-N	4.52	4.45	98.4		90	110	2.83

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P805318-MS1
% Solids:	NA	Date Collected:	05/21/08 11:10
Analytical Methdod:	300.0	Date Analyzed:	05/22/08 22:23
Preparation:	300.0	Date Received:	05/21/08 17:00
Batch:	P805318	Date Prepared:	05/22/08 09:08

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	4.38	mg/L		0.0570	0.113	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805127
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P805318-MSD1
% Solids:	NA	Date Collected:	05/21/08 11:10
Analytical Methdod:	300.0	Date Analyzed:	05/22/08 22:43
Preparation:	300.0	Date Received:	05/21/08 17:00
Batch:	P805318	Date Prepared:	05/22/08 09:08

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	4.47	mg/L		0.0570	0.113	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P805318
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Original Sample ***0805126-01*** ***Lab Sample ID for MS :*** ***P805318-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Nitrate-N	0	4.52	4.38	96.9		90	110

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805318

Fraction: WET Matrix: Water

Units: mg/L

Original Sample ***0805126-01*** ***Lab Sample ID for MSD*** ***P805318-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Nitrate-N	0	4.52	4.47	98.9		2.03		90	110	20

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

June 11, 2008

Mr. Judson Smith
Project Chemist, CESAS-EN-GG
U.S. Army Corps of Engineers, Savannah District
100 W. Oglethorpe Ave.
P. O. Box 889
Savannah, GA 31401-0360
Phone: 912-652-5673
Fax: 912-652-5311

Dear Mr. Smith:

RE: Lamont Landfill Fort Bragg DO# 109
W912HN-05-D-0013
AML Work Order Number: 0805139

Attached, please find the hardcopy analytical report (146 total pages) for environmental samples collected by CESAS for the project described above. The analytical results included in this report relate only to the samples received by Analytical Management Laboratories (AML). Problems encountered in the analysis of these samples are documented in the laboratory case narrative observations and non-conformances and/or data qualifiers. The case narrative is an integral part of this report. This report has been paginated and may not be reproduced for distribution, except in full, without the written approval of AML. The electronic data deliverables (EDDs) for this report will be e-mailed within a few days of this report. Please feel free to contact me by phone (913-829-0101-ext. 23), fax (913-829-1181) or email (rstrauss@amlabinc.com) if you have any questions.

Respectfully Submitted,
Analytical Management Laboratories, Inc.

Rebecca E. Strauss

Rebecca Strauss
Project Manager

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Case Narrative

Project and Sample Information
Task order information, completed copies of the chain of custody form(s), and Analytical Management Laboratories (AML) sample condition upon receipt form (s) are included in the Project and Sample Information section. The AML laboratory information management system (LIMS)-generated sample status and receipt report, showing field sample identifiers and corresponding laboratory identifiers is also included.

Reports
The hardcopy laboratory reports and electronic data deliverables (EDDs) were prepared using the Promium Element Data System (LIMS). Under the procedure used by the laboratory, the hardcopy reports are generated using information contained in a database, which is also used to generate electronic deliverables to assure data integrity between the two media. The attached report is organized as follows:

Cover Letter
Laboratory Case Narrative
Sample Information
Sample Result Forms, organized in the following order: by test and by sample.

Quality Control (QC) Summary Reports, organized in the following order: by test, by matrix, and by QC batch number. The QC Summary for each analytical batch contains the following, when applicable:

1. QC Association Form
2. Surrogate Recovery Summary, when applicable
3. Method Blank (MB) Results
4. Laboratory Control Sample (LCS) Results
5. LCS duplicate (LCSD) Results, when available
6. LCS Recoveries Summary
7. LCSD (when applicable) Recoveries and RPD Summary
8. Matrix Spike (MS) Results
9. MS duplicate (MSD) Results
10. MS Recoveries Summary
11. MSD Recoveries and RPD Summary

Sample Result Forms
Sample results are shown on modified Form 1 equivalents with the following qualifiers:

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

U = Not detected or detected below method detection limit (MDL) or the limit of detection (LOD).
J = Detected above MDL or LOD but below the limit of quantitation (LOQ).
P = RPD >40% between primary and confirmation column results for dual column chromatographic methods (e.g. GC and HPLC methods).
E = Detected at levels in excess of the upper calibration limit.
B = Detected in the associated method blank
Q1 = The %D or %Drift for the associated CCV is outside the method QC limit.
* = Exceeds QC limits
ME = Marginal exceedence of the 3-sigma QC limits
ME* = Exceedence of the 4-sigma QC limits
X = as defined in the case narrative when utilized

The LODs and LOQs have been adjusted for sample weight or volume, dilution, and percent solids, when applicable. MDLs are statistically defined, instrument-specific quantities, which are used as LODs for some tests. For situations when multiple MDLs exist for a test (e.g several instruments running the same test on a given matrix) or when MDLs are unachievable on a routine basis, LODs, which may be grater than MDL but typically one-half of the applicable LOQs are used to define cut-off points for reporting positive results. The LOQs are typically the lowest point on the initial calibration curve.

Quantitative results for analytes detected in the sample (positive results) are shown under the column labeled "Result". Results coded with the qualifier E should not be used unless additional analyses were unavailable due to other limitations. Data coded as E should not be compared to other data since non-linearity in calibration may be a severe problem for some analytes. Multiple sample result forms may be provided for one or more of the following reasons:
Sample was reanalyzed for surrogate or internal standard recovery outliers;
Sample was reanalyzed at a dilution;
One of the analyses was performed outside holding times;
A replicate analysis was performed for other quality control purposes;
Client requirements

QC Association Forms
The list consisting of MB, LCS, LCSD (if any), MS (whenever available), MSD (whenever available), and field samples from the reported AML work order that are associated with each QC batch are shown on QC Association Forms. Additional items such as PDS, SD may be included for some parameters (e.g metals). Separate forms are included for each QC batch, for each matrix and test.

Surrogate Recovery Forms
A summary of the system monitoring compound recoveries for organic analyses is included in this section. The QC limits from the Department of Defense Quality Systems Manual for Environmental Laboratories, Final Version 3, January 2006 is used in the reports, when available. Method-specified limits or in-house limits are used as applicable. Corrective action involving re-extraction and/or reanalysis is performed for samples that exceed the surrogate QC limits.

Method Blank Result Forms
The QC limit for the Method Blank is set at one half of the applicable LOQ for each target analyte with the exception of common laboratory contaminants, which is set at the LOQ.

Laboratory Control Sample (LCS) Report Forms
Laboratory control samples were analyzed with each QC batch as described in the QC Association Form. Laboratory Control sample limits are set as a default to the DOD QSM limits when available. When the 3-sigma control limit is exceeded for any analyte, the LCS report is flagged "ME". The total number of method analytes, and the number of ME analytes are tracked and compared against the number allowed per NELAC and the DOD QSM. This information is summarized at the bottom of the recoveries summary reports. Analytes with LCS recoveries that exceed the 4-sigma limits are flagged ME* and reanalysis may be required for the affected analyte if it is a contaminant of concern. The relative percent differences (RPDs) for the LCS duplicates, a voluntary laboratory QC parameter, are computed to track in-house precision for method duplicates.

Matrix Spike/Matrix Spike Duplicate Recoveries Report Forms
The MS/MSD results are shown in Form-1 equivalents. See section on LCS for additional details. The RPDs for MS duplicates that are outside the applicable QC limits are flagged with an asterisk (*). The effect of matrix is taken into account in determining corrective action procedures based on MS and MSD results, recoveries, and RPD.

Calibration
Instruments were calibrated in accordance with applicable method. Deviations are noted as a non-conformance. Copies of initial calibration and calibration verification summaries and associated raw data will be maintained in laboratory files and made available for detailed client review.

Results of Laboratory Analysis

Test Methods and Holding Times

Analyses were performed within applicable holding times except as noted on sample reports. See parameter specific non-conformances for more information.

Batch-specific Quality Control Procedures

Quality control data from method blanks and laboratory control samples are used as batch QC elements. In accordance with EPA, USACE, and DoD guidelines, QC data from matrix spikes are used as matrix-specific QC elements and QC data from surrogates, internal standard areas, etc. are used as sample-specific QC elements. When the batch QC elements are outside their QC limits, results for associated samples are evaluated and corrective actions that affect the entire sample set are performed.

Matrix-specific or Sample-specific Quality Control Procedures

Sample concentrations exceeding the upper calibration limit, surrogate recoveries outside the QC limits, calibration parameters not within QC limits, etc. are used as sample-specific and/or sample-group specific QC elements for one or more associated samples during instrumental analysis. Serial dilution, standard addition, MS recoveries, etc. are used as matrix-specific QC elements for one or more associated samples. When these QC elements are outside their QC limits, associated individual sample results are evaluated and appropriate corrective actions are performed.

Manual Integration

Manual integration operations that have potential to improve accuracy of analysis are performed, as necessary (shown with an “M” flag on raw data) based on visual inspection of peak shapes for each target analyte. Such operations are technically defensible and they are not aimed at meeting the minimum technical requirements of the analytical procedure.

Statement

To the best of our knowledge, this data package is in compliance with the client terms and conditions, both technically and for completeness. Non-conformances are listed in the case narrative and/or data qualifiers for each parameter tested.

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Project Information

Fifteen (15) samples were received by AML on May 22, 2008 and logged in according to the Sample Status and Receipt Report included in this report. Reference the chain of custody and Sample Condition upon receipt Report for any non-conformances on receipt condition and temperature upon receipt.

Observations and Non-Conformances

Metals by method 6020A

Batch P805340 – MS/MSD recoveries are outside of QC limits biased low for Thallium due to potential matrix interference, as flagged on the MS/MSD summary reports. LCS/LCSD recoveries are within QC limits.

Mercury by method 7470A

There were no observations and/or non-conformances to report for this analysis.

Nitrate by method 300.0

There were no observations and/or non-conformances to report for this analysis.

VOCs by method 8260B

Batch P805371 –MSD associated with this batch was run six minutes outside the 12 hour analytical clock. Data is reported with this narrative. Source sample, MS/MSD was reanalyzed in batch P805456.

Batch P805456 – There are two MS/MSDs associated with this batch. MS2/MSD2 recoveries were outside of multiple compounds as flagged on the MS2/MSD2 summary reports. LCS/LCSD recoveries were within QC limits.

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Field Sample Information

(Chain of Custody Record, Sample Receipt Report, Condition Upon Receipt Report)

0805139

(Sample Delivery Group, SDG)

AML
Analytical Management Laboratories, Inc.
15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

42669

Chain of Custody Record / Request for Analysis

Client Contact Name: JUD SMITH
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W OGLETHORPE AVE
City, State, Zip: SAVANNAH GA 31401
Phone #: (912) 652-5673 Ext:
Fax #: (912) 652-5311
Email:

Project Name: LAMONT LANDFILL, FT BRAGG, NC
Project Number: DO 109
Purchase Order Number:
Project Due Date:
Project Comments:
Print Sampler's Name:

Analysis/Method to be Performed (Check all that apply)

Laboratory Project Number: 0805139

Specify method # ---> 8260

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C		VOCs	SVOCs	Pesticides	PCBs	Herbicides	Metals (specify)	DRO	GRO	Explosives	Anions (specify)	Comments:
0805139-01	LMW-3-5-08	5/20/08	1040	AQ	3	3							3										
0805139-02	LMW-35-5-08	5/20/08	1135	AQ	3	3							3										
0805139-02	LMW-35-5-08	5/20/08	1135	AQ	3	3							3										MS/MSD
0805139-03	LMW-DUP-5-08	5/20/08	0945	AQ	3	3							3										
0805139-04	LMW-4-5-08	5/20/08	1350	AQ	3	3							3										
0805139-05	LMW-9-5-08	5/20/08	1535	AQ	3	3							3										
0805139-06	LMW-8-5-08	5/20/08	1655	AQ	3	3							3										
0805139-07	LMW-9D-5-08	5/21/08	0850	AQ	3	3							3										
0805139-08	LMW-9S-5-08	5/21/08	1035	AQ	3	3							3										
0805139-09	LMW-DUP2-5-08	5/21/08	1045	AQ	3	3							3										

Please include any information that may be useful in the analysis of the sample.
Example: high concentration
List analytes
MS/MSD

CUSTODY						
Relinquished By:	[signature]	Date/Time:	5/22/08 1630	Received By:	SHIPPER	Date/Time: 5/22/08 1630
Relinquished By:		Date/Time:		Received By:	[signature]	Date/Time: 5/23/08 1001

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier FedEx ☐ Airbill #: 9125 9197 2504	☑ Yes ☐ No ☐ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	2.0 °C ☐ Temp. Blank ☑ Cooler	

AML
Analytical Management Laboratories, Inc.
15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

42695

Chain of Custody Record / Request for Analysis

Client Contact Name: JUD SMITH
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W OGLETHORPE AVE
City, State, Zip: SAVANNAH, GA 31401
Phone #: (912) 652-5673 Ext:
Fax #: (912) 652-5311
Email:

Project Name: LAMOTT LANDFILL, FT BRAGG, NC
Project Number: D0109
Purchase Order Number:
Project Due Date:
Project Comments:
Print Sampler's Name:

Analysis/Method to be Performed (Check all that apply)

Laboratory Project Number: 0805139

Specify method # ---> 8260

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C	VOCs	SVOCs	Pesticides	PCBs	Herbicides	Metals (specify)	DRO	GRO	Explosives	Anions (specify)	Comments:
0805139-10	LMW-10-5-08	5/21/08	1300	AQ	3	3						3										
0805139-11	LMW-16-5-08	5/21/08	1355	AQ	3	3						3										
0805139-12	LMW-14-5-08	5/21/08	1503	AQ	3	3						3										
0805139-13	LMW-15-5-08	5/21/08	1555	AQ	3	3						3										
0805139-14	GW-LMW-BLANK	5/22/08	1600	AQ	3	3						3										
0805139-15	TB																					
7																						
8																						
9																						
10																						

Preservative: List total number of bottles for each preservative type.

Please include any information that may be useful in the analysis of the sample.
Example: high concentration
List analytes
MS/MSD

CUSTODY						
Relinquished By:		Date/Time:	5/22/08 1630	Received By:	SHIPPER	Date/Time: 5/22/08 1630
Relinquished By:		Date/Time:		Received By:		Date/Time: 5/23/08 1000am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier FEDEX ☐ Airbill #: 8425 9197 2504	☑ Yes ☐ No ☑ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	2.0 °C ☐ Temp. Blank ☑ Cooler	

AML
Analytical Management Laboratories, Inc.
15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

42189

Chain of Custody Record / Request for Analysis

Client Contact Name: JUD SMITH
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 WOGLERTHORPE AVE
City, State, Zip: SAVANNAH, GA 31401
Phone #: (912) 652-5673 Ext:
Fax #: (912) 652-5311
Email:

Project Name: LAMONT LE FT BRAGG NC
Project Number: DO 109
Purchase Order Number:
Project Due Date:
Project Comments:
Print Sampler's Name: JON COOMBS

Analysis/Method to be Performed (Check all that apply)

Laboratory Project Number: 0805139

Specify method # ---> APPT

Preservative: List total number of bottles for each preservative type.

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4°C	ICE	VOCs	SVOCs	Pesticides	PCBs	Herbicides	Metals (specify)	DRO	GRO	Explosives	Anions (specify) NITRATE	H_2SO_4	NITRATE ICE				Comments:
0805139-14	GW-LMW-BLANK	5/22/08	1600	AQ	3		1		1			1						1					1	1				
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												

Please include any information that may be useful in the analysis of the sample.
Example: high concentration
List analytes
MS/MSD

CUSTODY						
Relinquished By:	[signature]	Date/Time:	5/22/08 1630	Received By:	SHIPPER	Date/Time: 5/22/08 1630
Relinquished By:		Date/Time:		Received By:	[signature]	Date/Time: 5/23/08 1000am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier FedEx ☐ Airbill #: 8125 9197 2504	☑ Yes ☐ No ☐ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	20°C ☐ Temp. Blank ☑ Cooler	

Analytical Management Laboratories - Sample Status and Receipt Report

AML Project Number 0805139

Work Order Due Date 06/06/08

Work Order TAT 14

Client AML ID USACE Savannah

Client Project ID Lamont Landfill, Ft Bragg, NC, DO# 109

Report Lvl. 3

AML Sample	*Matrix*	Client Sample ID	Date Collected	Projected Analytical Due Date	Analysis	Comments
0805139-01	Water	LMW-3-5-08	05/20/08 10:40	06/04/08	VOCs by 8260B	
0805139-02	Water	LMW-3S-5-08	05/20/08 11:35	06/04/08	VOCs by 8260B	MS MSD
0805139-03	Water	LMW-DUP-5-08	05/20/08 09:45	06/04/08	VOCs by 8260B	
0805139-04	Water	LMW-4-5-08	05/20/08 13:50	06/04/08	VOCs by 8260B	
0805139-05	Water	LMW-9-5-08	05/20/08 15:35	06/04/08	VOCs by 8260B	
0805139-06	Water	LMW-8-5-08	05/20/08 16:55	06/04/08	VOCs by 8260B	
0805139-07	Water	LMW-9D-5-08	05/21/08 08:50	06/04/08	VOCs by 8260B	
0805139-08	Water	LMW-9S-5-08	05/21/08 10:35	06/04/08	VOCs by 8260B	
0805139-09	Water	LMW-DUP2-5-08	05/21/08 10:45	06/04/08	VOCs by 8260B	
0805139-10	Water	LMW-10-5-08	05/21/08 13:00	06/04/08	VOCs by 8260B	
0805139-11	Water	LMW-16-5-08	05/21/08 13:55	06/04/08	VOCs by 8260B	
0805139-12	Water	LMW-14r-5-08	05/21/08 15:03	06/04/08	VOCs by 8260B	
0805139-13	Water	LMW-15r-5-08	05/21/08 15:55	06/04/08	VOCs by 8260B	

Analytical Management Laboratories - Sample Status and Receipt Report

AML Project Number 0805139

Work Order Due Date 06/06/08

Work Order TAT 14

Client AML ID USACE Savannah

Report Lvl. 3

Client Project ID Lamont Landfill, Ft Bragg, NC, DO# 109

AML Sample	*Matrix*	Client Sample ID	Date Collected	Projected Analytical Due Date	Analysis	Comments
0805139-14	Water	GW-LMW-BLANK	05/22/08 16:00	06/04/08	VOCs by 8260B	
0805139-14	Water	GW-LMW-BLANK	05/22/08 16:00	06/04/08	NO2 and NO3 by 300.0	Nitrate
0805139-14	Water	GW-LMW-BLANK	05/22/08 16:00	06/04/08	Metals by 6010B	Appendix I Metals
0805139-14	Water	GW-LMW-BLANK	05/22/08 16:00	06/04/08	Metals, Hg by 7470A	
0805139-14	Water	GW-LMW-BLANK	05/22/08 16:00	06/04/08	Metals by 6020A	Appendix I Metals
0805139-15	Water	Trip Blank	05/22/08 00:00	06/04/08	VOCs by 8260B	

Analytical Management Laboratories, Inc.

AML - Sample Condition Upon Receipt Report
(See Comments for exceptions)

Client ID: USACE_Sav

AML Work Order Number: 0805139

Project ID: Lamont Landfill, Ft Bragg, NC, DO#

Cooler ID: Default Cooler

Delivery Method

Delivery Method: Fed Ex

Name of Person Receiving Samples: Nissa Said

Airbill Number: 842591972916

Custody Seals

Were Custody Seals Present? Yes

Cooler Opened By: Nissa Said

Were Custody Seals Intact? Yes

Date Opened 5/23/2008

Packaging / Coolant / Temperature

Type of Coolant Used: Ice

Temperature of Cooler: 2.00°C

Type of Packing Used: Bubble Wrap

Did all the bottles arrive unbroken? Yes

Were all bottles sealed in separate plastic bags? Yes

Chain of Custody

Was Chain of Custody filled out properly? Yes

Do Chain of Custody and Sample Labels agree? Yes

Comments/ Exceptions

Were all sample labels complete? Yes

Was a sufficient amount of sample sent for analysis? Yes

Were samples received in proper containers? Yes

Were air bubbles absent in VOA samples? Yes

Was sample pH within QC limits? Yes
(if no see comments)

Was project manager contacted about any "out of control" issues? Yes

Samples Received by: Nissa Said

Project Manager Review: CM

Date: 5/23/08

Field Sample Analysis Data Sheets

(Form I equivalents)

0805139

(Sample Delivery Group, SDG)

6020A

(Parameter)

P805340

(Analytical Batch)

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	GW-LMW-BLANK
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805139-14
% Solids:	NA	Date Collected:	05/22/08 16:00
Analytical Method:	6020A	Date Analyzed:	05/30/08 17:55
Preparation:	SM3030C	Date Received:	05/23/08 10:00
Batch:	P805340	Date Leached:	NA
Leach Method:		Date Prepared:	05/23/08 14:12

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium	3.65	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium	4.65	ug/L	J	2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel		ug/L	U	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc		ug/L	U	5.00	10.0	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0805139

(Sample Delivery Group, SDG)

7470A

(Parameter)

P805337

(Analytical Batch)

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	GW-LMW-BLANK
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0805139-14
% Solids:	NA	Date Collected:	05/22/08 16:00
Analytical Method:	7470A	Date Analyzed:	05/28/08 16:29
Preparation:	EPA 7470A Prep	Date Received:	05/23/08 10:00
Batch:	P805337	Date Leached:	NA
Leach Method:		Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	0.101	ug/L	J	0.100	0.200	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0805139

(Sample Delivery Group, SDG)

300.0

(Parameter)

P805363

(Analytical Batch)

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	GW-LMW-BLANK
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	0805139-14
% Solids:	NA	Date Collected:	05/22/08 16:00
Analytical Method:	300.0	Date Analyzed:	05/29/08 10:58
Preparation:	300.0	Date Received:	05/23/08 10:00
Batch:	P805363	Date Leached:	NA
Leach Method:		Date Prepared:	05/27/08 10:35

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N		mg/L	U	0.0570	0.113	1

Note:

Sample was analyzed outside the analytical hold time.

Field Sample Analysis Data Sheets

(Form I equivalents)

0805139

(Sample Delivery Group, SDG)

8260B

(Parameter)

P805371
P805456

(Analytical Batch)

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-3-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-01
% Solids:	NA	Date Collected:	05/20/08 10:40
Analytical Method:	8260B	Date Analyzed:	05/27/08 17:25
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	0.450	ug/L	J	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane	0.740	ug/L	J	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform	0.270	ug/L	J	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-3-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-01
% Solids:	NA	Date Collected:	05/20/08 10:40
Analytical Method:	8260B	Date Analyzed:	05/27/08 17:25
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-3S-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-02RE1
% Solids:	NA	Date Collected:	05/20/08 11:35
Analytical Method:	8260B	Date Analyzed:	05/28/08 14:25
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805456	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	0.620	ug/L	J	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane	0.520	ug/L	J	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-3S-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-02RE1
% Solids:	NA	Date Collected:	05/20/08 11:35
Analytical Method:	8260B	Date Analyzed:	05/28/08 14:25
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805456	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene	0.530	ug/L	J	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-DUP-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-03
% Solids:	NA	Date Collected:	05/20/08 09:45
Analytical Method:	8260B	Date Analyzed:	05/27/08 17:58
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	0.420	ug/L	J	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane	0.730	ug/L	J	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform	0.250	ug/L	J	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-DUP-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-03
% Solids:	NA	Date Collected:	05/20/08 09:45
Analytical Method:	8260B	Date Analyzed:	05/27/08 17:58
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-4-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-04
% Solids:	NA	Date Collected:	05/20/08 13:50
Analytical Method:	8260B	Date Analyzed:	05/27/08 18:31
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	0.710	ug/L	J	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane	3.79	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-4-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-04
% Solids:	NA	Date Collected:	05/20/08 13:50
Analytical Method:	8260B	Date Analyzed:	05/27/08 18:31
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-9-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-05
% Solids:	NA	Date Collected:	05/20/08 15:35
Analytical Method:	8260B	Date Analyzed:	05/27/08 19:03
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-9-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-05
% Solids:	NA	Date Collected:	05/20/08 15:35
Analytical Method:	8260B	Date Analyzed:	05/27/08 19:03
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-8-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-06
% Solids:	NA	Date Collected:	05/20/08 16:55
Analytical Method:	8260B	Date Analyzed:	05/27/08 19:36
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-8-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-06
% Solids:	NA	Date Collected:	05/20/08 16:55
Analytical Method:	8260B	Date Analyzed:	05/27/08 19:36
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-9D-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-07
% Solids:	NA	Date Collected:	05/21/08 08:50
Analytical Method:	8260B	Date Analyzed:	05/27/08 20:08
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-9D-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-07
% Solids:	NA	Date Collected:	05/21/08 08:50
Analytical Method:	8260B	Date Analyzed:	05/27/08 20:08
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-9S-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-08
% Solids:	NA	Date Collected:	05/21/08 10:35
Analytical Method:	8260B	Date Analyzed:	05/27/08 20:41
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-9S-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-08
% Solids:	NA	Date Collected:	05/21/08 10:35
Analytical Method:	8260B	Date Analyzed:	05/27/08 20:41
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-DUP2-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-09
% Solids:	NA	Date Collected:	05/21/08 10:45
Analytical Method:	8260B	Date Analyzed:	05/27/08 21:13
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-DUP2-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-09
% Solids:	NA	Date Collected:	05/21/08 10:45
Analytical Method:	8260B	Date Analyzed:	05/27/08 21:13
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-10-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-10
% Solids:	NA	Date Collected:	05/21/08 13:00
Analytical Method:	8260B	Date Analyzed:	05/27/08 21:46
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	4.66	ug/L		0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane	10.6	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride	0.630	ug/L	J	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-10-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-10
% Solids:	NA	Date Collected:	05/21/08 13:00
Analytical Method:	8260B	Date Analyzed:	05/27/08 21:46
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-16-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-11
% Solids:	NA	Date Collected:	05/21/08 13:55
Analytical Method:	8260B	Date Analyzed:	05/27/08 22:19
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-16-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-11
% Solids:	NA	Date Collected:	05/21/08 13:55
Analytical Method:	8260B	Date Analyzed:	05/27/08 22:19
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-14r-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-12
% Solids:	NA	Date Collected:	05/21/08 15:03
Analytical Method:	8260B	Date Analyzed:	05/27/08 22:51
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-14r-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-12
% Solids:	NA	Date Collected:	05/21/08 15:03
Analytical Method:	8260B	Date Analyzed:	05/27/08 22:51
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-15r-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-13
% Solids:	NA	Date Collected:	05/21/08 15:55
Analytical Method:	8260B	Date Analyzed:	05/27/08 23:24
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-15r-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-13
% Solids:	NA	Date Collected:	05/21/08 15:55
Analytical Method:	8260B	Date Analyzed:	05/27/08 23:24
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	GW-LMW-BLANK
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-14
% Solids:	NA	Date Collected:	05/22/08 16:00
Analytical Method:	8260B	Date Analyzed:	05/27/08 16:53
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	GW-LMW-BLANK
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-14
% Solids:	NA	Date Collected:	05/22/08 16:00
Analytical Method:	8260B	Date Analyzed:	05/27/08 16:53
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Trip Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-15
% Solids:	NA	Date Collected:	05/22/08 00:00
Analytical Method:	8260B	Date Analyzed:	05/27/08 16:21
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Trip Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0805139-15
% Solids:	NA	Date Collected:	05/22/08 00:00
Analytical Method:	8260B	Date Analyzed:	05/27/08 16:21
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0805139

(Sample Delivery Group, SDG)

6020A

(Parameter)

P805340

(Analytical Batch)

Quality Control Association Form

Lab Name:	Analytical Management Laboratories, Inc.	**Fraction:**	METALS
QC Batch:	P805340	**Method:**	6020A

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
5/30/08	5/23/08	0805139-14		SAMPLE	0805139
5/30/08	5/23/08	8E23010-SRD1	0805139-14	Serial Dilution	0805139
5/30/08	5/23/08	P805340-BLK1		Method Blank	0805139
5/30/08	5/23/08	P805340-BS1		LCS	0805139
5/30/08	5/23/08	P805340-BSD1		LCS Dup	0805139
5/30/08	5/23/08	P805340-MS1	0805139-14	Matrix Spike	0805139
5/30/08	5/23/08	P805340-MSD1	0805139-14	Matrix Spike Dup	0805139
5/30/08	5/23/08	P805340-PS1	0805139-14	Post Spike	0805139

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805340-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	05/30/08 17:34
Preparation:	SM3030C	Date Received:	
Batch:	P805340	Date Prepared:	05/23/08 14:12

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	0.829	ug/L	J	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium		ug/L	U	0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium		ug/L	U	2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel		ug/L	U	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc		ug/L	U	5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805340-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	05/30/08 17:39
Preparation:	SM3030C	Date Received:	
Batch:	P805340	Date Prepared:	05/23/08 14:12

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	47.4	ug/L	B	0.500	1.00	1
7440-38-2	Arsenic	53.8	ug/L		1.00	2.00	1
7440-39-3	Barium	477	ug/L		0.500	1.00	1
7440-41-7	Beryllium	47.1	ug/L		0.500	1.00	1
7440-43-9	Cadmium	50.1	ug/L		0.500	1.00	1
7440-47-3	Chromium	54.2	ug/L		2.50	5.00	1
7440-48-4	Cobalt	53.5	ug/L		0.500	1.00	1
7440-50-8	Copper	53.7	ug/L		2.50	5.00	1
7439-92-1	Lead	485	ug/L		0.500	1.00	1
7440-02-0	Nickel	54.4	ug/L		1.00	2.00	1
7782-49-2	Selenium	53.6	ug/L		2.00	4.00	1
7440-22-4	Silver	53.4	ug/L		0.500	1.00	1
7440-28-0	Thallium	48.9	ug/L		0.500	1.00	1
7440-62-2	Vanadium	48.1	ug/L		2.50	5.00	1
7440-66-6	Zinc	219	ug/L		5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805340-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	05/30/08 17:47
Preparation:	SM3030C	Date Received:	
Batch:	P805340	Date Prepared:	05/23/08 14:12

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	45.0	ug/L	B	0.500	1.00	1
7440-38-2	Arsenic	51.0	ug/L		1.00	2.00	1
7440-39-3	Barium	466	ug/L		0.500	1.00	1
7440-41-7	Beryllium	45.1	ug/L		0.500	1.00	1
7440-43-9	Cadmium	47.1	ug/L		0.500	1.00	1
7440-47-3	Chromium	49.6	ug/L		2.50	5.00	1
7440-48-4	Cobalt	51.0	ug/L		0.500	1.00	1
7440-50-8	Copper	50.1	ug/L		2.50	5.00	1
7439-92-1	Lead	468	ug/L		0.500	1.00	1
7440-02-0	Nickel	51.7	ug/L		1.00	2.00	1
7782-49-2	Selenium	49.8	ug/L		2.00	4.00	1
7440-22-4	Silver	50.3	ug/L		0.500	1.00	1
7440-28-0	Thallium	47.3	ug/L		0.500	1.00	1
7440-62-2	Vanadium	40.7	ug/L		2.50	5.00	1
7440-66-6	Zinc	208	ug/L		5.00	10.0	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P805340

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P805340-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Antimony	50.0	47.4	94.8		80	120
Arsenic	50.0	53.8	108		80	120
Barium	500	477	95.4		80	120
Beryllium	50.0	47.1	94.2		80	120
Cadmium	50.0	50.1	100		80	120
Chromium	50.0	54.2	108		80	120
Cobalt	50.0	53.5	107		80	120
Copper	50.0	53.7	107		80	120
Lead	500	485	96.9		80	120
Nickel	50.0	54.4	109		80	120
Selenium	50.0	53.6	107		80	120
Silver	50.0	53.4	107		80	120
Thallium	50.0	48.9	97.8		80	120
Vanadium	50.0	48.1	96.1		80	120
Zinc	200	219	109		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 15

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805340

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P805340-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Antimony	50.0	45.0	90.0		80	120	5.15
Arsenic	50.0	51.0	102		80	120	5.26
Barium	500	466	93.3		80	120	2.23
Beryllium	50.0	45.1	90.2		80	120	4.33
Cadmium	50.0	47.1	94.3		80	120	6.01
Chromium	50.0	49.6	99.3		80	120	8.71
Cobalt	50.0	51.0	102		80	120	4.72
Copper	50.0	50.1	100		80	120	6.89
Lead	500	468	93.6		80	120	3.49
Nickel	50.0	51.7	103		80	120	5.08
Selenium	50.0	49.8	99.6		80	120	7.42
Silver	50.0	50.3	101		80	120	5.99
Thallium	50.0	47.3	94.6		80	120	3.36
Vanadium	50.0	40.7	81.4		80	120	16.6
Zinc	200	208	104		80	120	5.06

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 15

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805340-MS1
% Solids:	NA	Date Collected:	05/22/08 16:00
Analytical Methdod:	6020A	Date Analyzed:	05/30/08 18:06
Preparation:	SM3030C	Date Received:	05/23/08 10:00
Batch:	P805340	Date Prepared:	05/23/08 14:12

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	44.5	ug/L	B	0.500	1.00	1
7440-38-2	Arsenic	51.5	ug/L		1.00	2.00	1
7440-39-3	Barium	446	ug/L		0.500	1.00	1
7440-41-7	Beryllium	46.2	ug/L		0.500	1.00	1
7440-43-9	Cadmium	48.3	ug/L		0.500	1.00	1
7440-47-3	Chromium	49.3	ug/L		2.50	5.00	1
7440-48-4	Cobalt	48.7	ug/L		0.500	1.00	1
7440-50-8	Copper	48.4	ug/L		2.50	5.00	1
7439-92-1	Lead	452	ug/L		0.500	1.00	1
7440-02-0	Nickel	48.6	ug/L		1.00	2.00	1
7782-49-2	Selenium	53.9	ug/L		2.00	4.00	1
7440-22-4	Silver	49.4	ug/L		0.500	1.00	1
7440-28-0	Thallium	29.3	ug/L		0.500	1.00	1
7440-62-2	Vanadium	40.7	ug/L		2.50	5.00	1
7440-66-6	Zinc	217	ug/L		5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805340-MSD1
% Solids:	NA	Date Collected:	05/22/08 16:00
Analytical Methdod:	6020A	Date Analyzed:	05/30/08 18:13
Preparation:	SM3030C	Date Received:	05/23/08 10:00
Batch:	P805340	Date Prepared:	05/23/08 14:12

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	40.9	ug/L	B	0.500	1.00	1
7440-38-2	Arsenic	47.4	ug/L		1.00	2.00	1
7440-39-3	Barium	426	ug/L		0.500	1.00	1
7440-41-7	Beryllium	43.0	ug/L		0.500	1.00	1
7440-43-9	Cadmium	44.3	ug/L		0.500	1.00	1
7440-47-3	Chromium	47.9	ug/L		2.50	5.00	1
7440-48-4	Cobalt	47.1	ug/L		0.500	1.00	1
7440-50-8	Copper	46.8	ug/L		2.50	5.00	1
7439-92-1	Lead	428	ug/L		0.500	1.00	1
7440-02-0	Nickel	47.1	ug/L		1.00	2.00	1
7782-49-2	Selenium	50.7	ug/L		2.00	4.00	1
7440-22-4	Silver	46.4	ug/L		0.500	1.00	1
7440-28-0	Thallium	28.1	ug/L		0.500	1.00	1
7440-62-2	Vanadium	40.0	ug/L		2.50	5.00	1
7440-66-6	Zinc	204	ug/L		5.00	10.0	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P805340

Fraction: METALS Matrix: Water

Units: ug/L

Original Sample ***0805139-14*** ***Lab Sample ID for MS :*** ***P805340-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Antimony	0	50.0	44.5	89.1		75	125
Arsenic	0	50.0	51.5	103		75	125
Barium	3.65	500	446	88.6		75	125
Beryllium	0	50.0	46.2	92.4		75	125
Cadmium	0	50.0	48.3	96.7		75	125
Chromium	4.65	50.0	49.3	89.4		75	125
Cobalt	0	50.0	48.7	97.4		75	125
Copper	0	50.0	48.4	96.8		75	125
Lead	0	500	452	90.3		75	125
Nickel	0	50.0	48.6	97.2		75	125
Selenium	0	50.0	53.9	108		75	125
Silver	0	50.0	49.4	98.8		75	125
Thallium	0	50.0	29.3	58.6	ME*	75	125
Vanadium	0	50.0	40.7	81.4		75	125
Zinc	0	200	217	109		75	125

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805340

Fraction: METALS Matrix: Water

Units: ug/L

Original Sample ***0805139-14*** ***Lab Sample ID for MSD*** ***P805340-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Antimony	0	50.0	40.9	81.7		8.63		75	125	20
Arsenic	0	50.0	47.4	94.8		8.32		75	125	20
Barium	3.65	500	426	84.4		4.79		75	125	20
Beryllium	0	50.0	43.0	86.0		7.22		75	125	20
Cadmium	0	50.0	44.3	88.6		8.79		75	125	20
Chromium	4.65	50.0	47.9	86.5		2.98		75	125	20
Cobalt	0	50.0	47.1	94.2		3.40		75	125	20
Copper	0	50.0	46.8	93.7		3.30		75	125	20
Lead	0	500	428	85.6		5.42		75	125	20
Nickel	0	50.0	47.1	94.2		3.12		75	125	20
Selenium	0	50.0	50.7	101		6.04		75	125	20
Silver	0	50.0	46.4	92.8		6.20		75	125	20
Thallium	0	50.0	28.1	56.2	ME*	4.24		75	125	20
Vanadium	0	50.0	40.0	80.0		1.75		75	125	20
Zinc	0	200	204	102		6.59		75	125	20

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Post Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805340-PS1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	6020A	Date Collected:	05/22/08 16:00
Preparation:	SM3030C	Date Analyzed:	05/30/08 18:20
Batch:	P805340	Date Received:	05/23/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	45.6	ug/L	B	0.500	1.00	1
7440-38-2	Arsenic	53.2	ug/L		1.00	2.00	1
7440-39-3	Barium	467	ug/L		0.500	1.00	1
7440-41-7	Beryllium	48.2	ug/L		0.500	1.00	1
7440-43-9	Cadmium	49.5	ug/L		0.500	1.00	1
7440-47-3	Chromium	54.7	ug/L		2.50	5.00	1
7440-48-4	Cobalt	50.4	ug/L		0.500	1.00	1
7440-50-8	Copper	49.5	ug/L		2.50	5.00	1
7439-92-1	Lead	470	ug/L		0.500	1.00	1
7440-02-0	Nickel	49.8	ug/L		1.00	2.00	1
7782-49-2	Selenium	55.9	ug/L		2.00	4.00	1
7440-22-4	Silver	53.0	ug/L		0.500	1.00	1
7440-28-0	Thallium	47.0	ug/L		0.500	1.00	1
7440-62-2	Vanadium	45.3	ug/L		2.50	5.00	1
7440-66-6	Zinc	226	ug/L		5.00	10.0	1

Form 5B - Equivalent

POST DIGESTION SPIKE SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc.

Fraction: METALS

Analytical Batch: 8E23010

Prep Batch: P805340

COMPOUND	Original Amount	SPIKE ADDED	PDS Amount	PDS % REC	PDS % REC FLAG	QC. LIMITS LCL	QC. LIMITS UCL
Antimony	ND	50.0	45.6	91.2		75	125
Arsenic	ND	50.0	53.2	106		75	125
Barium	3.65	500	467	92.6		75	125
Beryllium	ND	50.0	48.2	96.4		75	125
Cadmium	ND	50.0	49.5	99.0		75	125
Chromium	4.65	50.0	54.7	100		75	125
Cobalt	ND	50.0	50.4	101		75	125
Copper	ND	50.0	49.5	99.1		75	125
Lead	ND	500	470	94.0		75	125
Nickel	ND	50.0	49.8	99.5		75	125
Selenium	ND	50.0	55.9	112		75	125
Silver	ND	50.0	53.0	106		75	125
Thallium	ND	50.0	47.0	94.0		75	125
Vanadium	ND	50.0	45.3	90.6		75	125
Zinc	ND	200	226	113		75	125

* Values outside of QC limits

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Serial Dilution
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	8E23010-SRD1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	6020A	Date Collected:	05/22/08 16:00
Preparation:	P805340	Date Analyzed:	05/30/08 18:01
Batch:	8E23010	Date Received:	05/23/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	2.50	5.00	5
7440-38-2	Arsenic		ug/L	U	5.00	10.0	5
7440-39-3	Barium	3.75	ug/L	J	2.50	5.00	5
7440-41-7	Beryllium		ug/L	U	2.50	5.00	5
7440-43-9	Cadmium		ug/L	U	2.50	5.00	5
7440-47-3	Chromium		ug/L	U	12.5	25.0	5
7440-48-4	Cobalt		ug/L	U	2.50	5.00	5
7440-50-8	Copper		ug/L	U	12.5	25.0	5
7439-92-1	Lead		ug/L	U	2.50	5.00	5
7440-02-0	Nickel		ug/L	U	5.00	10.0	5
7782-49-2	Selenium		ug/L	U	10.0	20.0	5
7440-22-4	Silver		ug/L	U	2.50	5.00	5
7440-28-0	Thallium		ug/L	U	2.50	5.00	5
7440-62-2	Vanadium		ug/L	U	12.5	25.0	5
7440-66-6	Zinc		ug/L	U	25.0	50.0	5

Form 8 - Equivalent

PERCENT DIFFERENCE FOR SERIAL DILUTION SAMPLE

Lab Name: Analytical Management Laboratories, Inc. Analytical Batch: 8E23010

Fraction: METALS

Orig HSN: 0805139-14 **SD HSN:** 8E23010-SRD1

Orig Dil: 1 **SD Dil:** 5

COMPOUND	Original Amount	SD Amount	%D	QC FLAG	QC. LIMIT UCL
Antimony	U	U	NA		10
Arsenic	U	U	NA		10
Barium	3.65	3.75	2.74		10
Beryllium	U	U	NA		10
Cadmium	U	U	NA		10
Chromium	4.65	U	NA		10
Cobalt	U	U	NA		10
Copper	U	U	NA		10
Lead	U	U	NA		10
Nickel	U	U	NA		10
Selenium	U	U	NA		10
Silver	U	U	NA		10
Thallium	U	U	NA		10
Vanadium	U	U	NA		10
Zinc	U	U	NA		10

* Values outside of QC limits

NA = Not Applicable

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0805139

(Sample Delivery Group, SDG)

7470A

(Parameter)

P805337

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** METALS

QC Batch: P805337 **Method:** 7470A

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
5/28/08	5/23/08	0805139-14		SAMPLE	0805139
5/28/08	5/23/08	P805337-BLK1		Method Blank	0805139
5/28/08	5/23/08	P805337-BLK2		Method Blank	0805139
5/28/08	5/23/08	P805337-BLK3		Method Blank	0805139
5/28/08	5/23/08	P805337-BLK4		Method Blank	0805139
5/28/08	5/23/08	P805337-BS1		LCS	0805139
5/28/08	5/23/08	P805337-BSD1		LCS Dup	0805139
5/28/08	5/23/08	P805337-MS1	0805126-01	Matrix Spike	0805139
5/28/08	5/23/08	P805337-MSD1	0805126-01	Matrix Spike Dup	0805139
5/28/08	5/23/08	P805337-PS1	0805126-01	Post Spike	0805139

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805337-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	05/28/08 15:09
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P805337	Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805337-BLK2
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	05/28/08 15:21
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P805337	Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805337-BLK3
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	05/28/08 15:41
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P805337	Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805337-BLK4
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	05/28/08 15:15
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P805337	Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P805337-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	05/28/08 15:11
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P805337	Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.07	ug/L		0.102	0.204	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P805337-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	05/28/08 15:13
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P805337	Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.98	ug/L		0.102	0.204	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P805337
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Lab Sample ID: ***P805337-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Mercury	2.04	2.07	102		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805337

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P805337-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Mercury	2.04	1.98	97.0		80	120	4.53

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P805337-MS1
% Solids:	NA	Date Collected:	05/21/08 11:10
Analytical Methdod:	7470A	Date Analyzed:	05/28/08 15:54
Preparation:	EPA 7470A Prep	Date Received:	05/21/08 17:00
Batch:	P805337	Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.00	ug/L		0.102	0.204	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P805337-MSD1
% Solids:	NA	Date Collected:	05/21/08 11:10
Analytical Methdod:	7470A	Date Analyzed:	05/28/08 16:00
Preparation:	EPA 7470A Prep	Date Received:	05/21/08 17:00
Batch:	P805337	Date Prepared:	05/23/08 11:16

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.03	ug/L		0.102	0.204	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P805337
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Original Sample ***0805126-01*** ***Lab Sample ID for MS :*** ***P805337-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Mercury	0	2.04	2.00	98.0		80	120

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P805337
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Original Sample ***0805126-01*** ***Lab Sample ID for MSD*** ***P805337-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Mercury	0	2.04	2.03	99.5		1.52		80	120	20

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Post Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P805337-PS1
% Solids:	NA	Instrument ID:	HYDRA AA
Analytical Methdod:	7470A	Date Collected:	05/21/08 11:10
Preparation:	EPA 7470A Prep	Date Analyzed:	05/28/08 16:02
Batch:	P805337	Date Received:	05/21/08 17:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.26	ug/L		0.100	0.200	1

Form 5B - Equivalent

POST DIGESTION SPIKE SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc.

Fraction: METALS

Analytical Batch: 8E23011

Prep Batch: P805337

COMPOUND	Original Amount	SPIKE ADDED	PDS Amount	PDS % REC	PDS % REC FLAG	QC. LIMITS LCL	QC. LIMITS UCL
Mercury	ND	2.00	2.26	113		80	120

* Values outside of QC limits

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0805139

(Sample Delivery Group, SDG)

300.0

(Parameter)

P805363

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** Wet Chemistry

QC Batch: P805363 **Method:** 300.0

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
5/29/08	5/27/08	0805139-14		SAMPLE	0805139
5/29/08	5/27/08	P805363-BLK1		Method Blank	0805139
5/29/08	5/27/08	P805363-BS1		LCS	0805139
5/29/08	5/27/08	P805363-BSD1		LCS Dup	0805139
5/29/08	5/27/08	P805363-MS1	0805138-01	Matrix Spike	0805139
5/29/08	5/27/08	P805363-MSD1	0805138-01	Matrix Spike Dup	0805139

Form 1 - Equivalent

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P805363-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	300.0	Date Analyzed:	05/29/08 06:06
Preparation:	300.0	Date Received:	
Batch:	P805363	Date Prepared:	05/27/08 10:34

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N		mg/L	U	0.0570	0.113	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P805363-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	300.0	Date Analyzed:	05/29/08 06:27
Preparation:	300.0	Date Received:	
Batch:	P805363	Date Prepared:	05/27/08 10:34

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	4.41	mg/L		0.0570	0.113	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P805363-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	300.0	Date Analyzed:	05/29/08 06:48
Preparation:	300.0	Date Received:	
Batch:	P805363	Date Prepared:	05/27/08 10:34

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	4.49	mg/L		0.0570	0.113	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P805363
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Lab Sample ID: ***P805363-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Nitrate-N	4.52	4.41	97.5		90	110

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805363

Fraction: WET Matrix: Water

Units: mg/L

Lab Sample ID: ***P805363-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Nitrate-N	4.52	4.49	99.4		90	110	1.91

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P805363-MS1
% Solids:	NA	Date Collected:	05/22/08 14:24
Analytical Methdod:	300.0	Date Analyzed:	05/29/08 07:09
Preparation:	300.0	Date Received:	05/22/08 17:00
Batch:	P805363	Date Prepared:	05/27/08 10:34

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	4.56	mg/L		0.0570	0.113	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P805363-MSD1
% Solids:	NA	Date Collected:	05/22/08 14:24
Analytical Methdod:	300.0	Date Analyzed:	05/29/08 07:30
Preparation:	300.0	Date Received:	05/22/08 17:00
Batch:	P805363	Date Prepared:	05/27/08 10:34

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	4.48	mg/L		0.0570	0.113	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P805363
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Original Sample ***0805138-01*** ***Lab Sample ID for MS :*** ***P805363-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Nitrate-N	0	4.52	4.56	101		90	110

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805363

Fraction: WET Matrix: Water

Units: mg/L

Original Sample ***0805138-01*** ***Lab Sample ID for MSD*** ***P805363-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Nitrate-N	0	4.52	4.48	99.2		1.59		90	110	20

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0805139

(Sample Delivery Group, SDG)

8260B

(Parameter)

P805371

(Analytical Batch)

Quality Control Association Form

Lab Name:	Analytical Management Laboratories, Inc.	**Fraction:**	VOA_GCMS
QC Batch:	P805371	**Method:**	8260B

Date Analyzed	Lab Sample ID	Original Sample	Sample Type	Project Number
5/27/08	0805139-01		SAMPLE	0805139
5/27/08	0805139-03		SAMPLE	0805139
5/27/08	0805139-04		SAMPLE	0805139
5/27/08	0805139-05		SAMPLE	0805139
5/27/08	0805139-06		SAMPLE	0805139
5/27/08	0805139-07		SAMPLE	0805139
5/27/08	0805139-08		SAMPLE	0805139
5/27/08	0805139-09		SAMPLE	0805139
5/27/08	0805139-10		SAMPLE	0805139
5/27/08	0805139-11		SAMPLE	0805139
5/27/08	0805139-12		SAMPLE	0805139
5/27/08	0805139-13		SAMPLE	0805139
5/27/08	0805139-14		SAMPLE	0805139
5/27/08	0805139-15		SAMPLE	0805139
5/27/08	P805371-BLK1		Method Blank	0805139
5/27/08	P805371-BS1		LCS	0805139
5/27/08	P805371-BSD1		LCS Dup	0805139
5/28/08	P805371-MS1	0805139-02	Matrix Spike	0805139
5/28/08	P805371-MSD1	0805139-02	Matrix Spike Dup	0805139

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P805371

LMW-3-5-08 (0805139-01)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	111	85	115	
1,2-Dichloroethane-d4	113	70	120	
Toluene-d8	106	85	120	
4-Bromofluorobenzene	105	75	120	

LMW-DUP-5-08 (0805139-03)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	108	85	115	
1,2-Dichloroethane-d4	109	70	120	
Toluene-d8	108	85	120	
4-Bromofluorobenzene	103	75	120	

LMW-4-5-08 (0805139-04)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	110	85	115	
1,2-Dichloroethane-d4	113	70	120	
Toluene-d8	109	85	120	
4-Bromofluorobenzene	104	75	120	

LMW-9-5-08 (0805139-05)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	109	85	115	
1,2-Dichloroethane-d4	112	70	120	
Toluene-d8	108	85	120	
4-Bromofluorobenzene	102	75	120	

LMW-8-5-08 (0805139-06)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	110	85	115	
1,2-Dichloroethane-d4	113	70	120	
Toluene-d8	110	85	120	
4-Bromofluorobenzene	104	75	120	

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P805371

LMW-9D-5-08 (0805139-07)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	109	85	115	
1,2-Dichloroethane-d4	109	70	120	
Toluene-d8	107	85	120	
4-Bromofluorobenzene	103	75	120	

LMW-9S-5-08 (0805139-08)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	111	85	115	
1,2-Dichloroethane-d4	110	70	120	
Toluene-d8	110	85	120	
4-Bromofluorobenzene	104	75	120	

LMW-DUP2-5-08 (0805139-09)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	108	85	115	
1,2-Dichloroethane-d4	110	70	120	
Toluene-d8	108	85	120	
4-Bromofluorobenzene	103	75	120	

LMW-10-5-08 (0805139-10)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	108	85	115	
1,2-Dichloroethane-d4	111	70	120	
Toluene-d8	109	85	120	
4-Bromofluorobenzene	103	75	120	

LMW-16-5-08 (0805139-11)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	107	85	115	
1,2-Dichloroethane-d4	110	70	120	
Toluene-d8	107	85	120	
4-Bromofluorobenzene	102	75	120	

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P805371

LMW-14r-5-08 (0805139-12)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	109	85	115	
1,2-Dichloroethane-d4	110	70	120	
Toluene-d8	108	85	120	
4-Bromofluorobenzene	103	75	120	

LMW-15r-5-08 (0805139-13)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	109	85	115	
1,2-Dichloroethane-d4	110	70	120	
Toluene-d8	106	85	120	
4-Bromofluorobenzene	102	75	120	

GW-LMW-BLANK (0805139-14)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	108	85	115	
1,2-Dichloroethane-d4	111	70	120	
Toluene-d8	108	85	120	
4-Bromofluorobenzene	103	75	120	

Trip Blank (0805139-15)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	110	85	115	
1,2-Dichloroethane-d4	110	70	120	
Toluene-d8	108	85	120	
4-Bromofluorobenzene	102	75	120	

Blank (P805371-BLK1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	110	85	115	
1,2-Dichloroethane-d4	113	70	120	
Toluene-d8	109	85	120	
4-Bromofluorobenzene	104	75	120	

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P805371

LCS (P805371-BS1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	109	85	115	
1,2-Dichloroethane-d4	112	70	120	
Toluene-d8	110	85	120	
4-Bromofluorobenzene	108	75	120	

LCS Dup (P805371-BSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	109	85	115	
1,2-Dichloroethane-d4	111	70	120	
Toluene-d8	112	85	120	
4-Bromofluorobenzene	110	75	120	

Matrix Spike (P805371-MS1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	108	85	115	
1,2-Dichloroethane-d4	111	70	120	
Toluene-d8	105	85	120	
4-Bromofluorobenzene	106	75	120	

Matrix Spike Dup (P805371-MSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	107	85	115	
1,2-Dichloroethane-d4	112	70	120	
Toluene-d8	108	85	120	
4-Bromofluorobenzene	105	75	120	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805371-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	05/27/08 15:37
Preparation:	EPA 5030B	Date Received:	
Batch:	P805371		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805371-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	05/27/08 15:37
Preparation:	EPA 5030B	Date Received:	
Batch:	P805371		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805371-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	05/27/08 14:00
Preparation:	EPA 5030B	Date Received:	
Batch:	P805371		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	25.7	ug/L		0.200	2.00	1
74-87-3	Chloromethane	28.6	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	25.3	ug/L		0.200	2.00	1
74-83-9	Bromomethane	10.2	ug/L		0.200	2.00	1
75-00-3	Chloroethane	19.1	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	24.0	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	27.1	ug/L		0.200	2.00	1
107-02-8	Acrolein	145	ug/L		1.00	10.0	1
67-64-1	Acetone	155	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	25.8	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	24.0	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	26.5	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	27.1	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	28.6	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	25.6	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	24.9	ug/L		0.200	2.00	1
78-93-3	2-Butanone	152	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	27.1	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	26.8	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	25.0	ug/L		0.200	2.00	1
67-66-3	Chloroform	25.4	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	25.1	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	26.7	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	25.8	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	26.9	ug/L		0.200	2.00	1
71-43-2	Benzene	29.7	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	27.0	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	25.2	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	25.8	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	26.4	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	26.7	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	149	ug/L		2.00	10.0	1
108-88-3	Toluene	28.1	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	27.8	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	25.6	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	25.0	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	21.9	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	139	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	26.0	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	24.5	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	24.1	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	25.2	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	23.4	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	49.2	ug/L		0.400	4.00	1
95-47-6	o-Xylene	23.3	ug/L		0.200	2.00	1
100-42-5	Styrene	24.0	ug/L		0.200	2.00	1
75-25-2	Bromoform	27.4	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	23.6	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	27.1	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	25.8	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805371-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	05/27/08 14:00
Preparation:	EPA 5030B	Date Received:	
Batch:	P805371		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	23.7	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	25.0	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	25.1	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	24.7	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	23.8	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	23.5	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	23.8	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	25.7	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	23.6	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	23.8	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	24.1	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	25.3	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	26.3	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	27.2	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	25.5	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	25.6	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	24.4	ug/L		0.200	2.00	1
91-20-3	Naphthalene	26.8	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805371-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	05/27/08 14:32
Preparation:	EPA 5030B	Date Received:	
Batch:	P805371		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	25.1	ug/L		0.200	2.00	1
74-87-3	Chloromethane	29.6	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	24.8	ug/L		0.200	2.00	1
74-83-9	Bromomethane	10.4	ug/L		0.200	2.00	1
75-00-3	Chloroethane	17.4	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	23.0	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	26.1	ug/L		0.200	2.00	1
107-02-8	Acrolein	141	ug/L		1.00	10.0	1
67-64-1	Acetone	154	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	25.1	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	22.9	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	25.4	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	26.5	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	28.0	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	25.3	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	24.1	ug/L		0.200	2.00	1
78-93-3	2-Butanone	156	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	26.0	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	25.5	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	24.8	ug/L		0.200	2.00	1
67-66-3	Chloroform	24.7	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	24.3	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	26.0	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	24.7	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	26.0	ug/L		0.200	2.00	1
71-43-2	Benzene	29.4	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	26.0	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	24.7	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	25.3	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	25.9	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	26.3	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	140	ug/L		2.00	10.0	1
108-88-3	Toluene	27.8	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	27.3	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	24.9	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	24.5	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	21.4	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	133	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	25.4	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	24.0	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	23.9	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.9	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	23.8	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	51.9	ug/L		0.400	4.00	1
95-47-6	o-Xylene	23.1	ug/L		0.200	2.00	1
100-42-5	Styrene	24.0	ug/L		0.200	2.00	1
75-25-2	Bromoform	26.5	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	23.1	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	25.9	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	24.9	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805371-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	05/27/08 14:32
Preparation:	EPA 5030B	Date Received:	
Batch:	P805371		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	23.2	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	24.4	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	24.6	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	24.0	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	23.0	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	22.8	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	23.0	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	25.0	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.9	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	23.0	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	23.5	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	24.4	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	25.0	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	26.6	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	25.1	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	25.2	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	23.5	ug/L		0.200	2.00	1
91-20-3	Naphthalene	26.0	ug/L		0.400	2.00	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P805371

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P805371-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Dichlorodifluoromethane	25.0	25.7	103		30	155
Chloromethane	25.0	28.6	114		40	125
Vinyl chloride	25.0	25.3	101		50	145
Bromomethane	25.0	10.2	40.6		30	145
Chloroethane	25.0	19.1	76.3		60	135
Trichlorofluoromethane	25.0	24.0	95.8		60	145
1,1-Dichloroethene	25.0	27.1	108		70	130
Acrolein	125	145	116		54	142
Acetone	125	155	124		40	140
Acrylonitrile	25.0	25.8	103		71	129
Carbon disulfide	25.0	24.0	95.9		35	160
Methylene Chloride	25.0	26.5	106		55	140
trans-1,2-Dichloroethene	25.0	27.1	108		60	140
Vinyl acetate	25.0	28.6	114		72	121
Methyl tert-Butyl Ether	25.0	25.6	103		65	125
1,1-Dichloroethane	25.0	24.9	99.7		70	135
2-Butanone	125	152	122		30	150
cis-1,2-Dichloroethene	25.0	27.1	108		70	125
2,2-Dichloropropane	25.0	26.8	107		70	135
Bromochloromethane	25.0	25.0	100		65	130
Chloroform	25.0	25.4	102		65	135
1,1,1-Trichloroethane	25.0	25.1	100		65	130
1,1-Dichloropropene	25.0	26.7	107		75	130
Carbon Tetrachloride	25.0	25.8	103		65	140
1,2-Dichloroethane	25.0	26.9	108		70	130
Benzene	25.0	29.7	119		80	120
Trichloroethene	25.0	27.0	108		70	125
1,2-Dichloropropane	25.0	25.2	101		75	125
Dibromomethane	25.0	25.8	103		75	125
Bromodichloromethane	25.0	26.4	105		75	120
cis-1,3-Dichloropropene	25.0	26.7	107		70	130
4-Methyl-2-pentanone	125	149	119		60	135
Toluene	25.0	28.1	112		75	120
trans-1,3-Dichloropropene	25.0	27.8	111		55	140
1,1,2-Trichloroethane	25.0	25.6	103		75	125
1,3-Dichloropropane	25.0	25.0	99.8		75	125
Tetrachloroethene	25.0	21.9	87.7		45	150
2-Hexanone	125	139	111		55	130
Dibromochloromethane	25.0	26.0	104		60	135
1,2-Dibromoethane	25.0	24.5	98.1		80	120
Chlorobenzene	25.0	24.1	96.2		80	120
1,1,1,2-Tetrachloroethane	25.0	25.2	101		80	130
Ethylbenzene	25.0	23.4	93.4		75	125
m-Xylene/p-Xylene	50.0	49.2	98.5		75	130
o-Xylene	25.0	23.3	93.2		80	120
Styrene	25.0	24.0	96.2		65	135
Bromoform	25.0	27.4	110		70	130
Isopropylbenzene	25.0	23.6	94.6		75	125
1,2,3-Trichloropropane	25.0	27.1	108		75	125
1,1,2,2-Tetrachloroethane	25.0	25.8	103		65	130
Bromobenzene	25.0	23.7	94.7		75	125
n-Propylbenzene	25.0	25.0	99.8		70	130
2-Chlorotoluene	25.0	25.1	100		75	125
4-Chlorotoluene	25.0	24.7	98.7		75	130

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P805371

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P805371-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
1,3,5-Trimethylbenzene	25.0	23.8	95.0		75	130
tert-Butylbenzene	25.0	23.5	94.2		70	130
1,2,4-Trimethylbenzene	25.0	23.8	95.3		75	130
sec-Butylbenzene	25.0	25.7	103		70	125
1,3-Dichlorobenzene	25.0	23.6	94.4		75	125
1,4-Dichlorobenzene	25.0	23.8	95.0		75	125
1,2-Dichlorobenzene	25.0	24.1	96.5		70	120
4-Isopropyltoluene	25.0	25.3	101		75	130
n-Butylbenzene	25.0	26.3	105		70	135
1,2-Dibromo-3-chloropropane	25.0	27.2	109		50	130
1,2,4-Trichlorobenzene	25.0	25.5	102		65	135
1,2,3-Trichlorobenzene	25.0	25.6	102		55	140
Hexachlorobutadiene	25.0	24.4	97.6		50	140
Naphthalene	25.0	26.8	107		55	140

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805371

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P805371-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Dichlorodifluoromethane	25.0	25.1	100		30	155	2.36
Chloromethane	25.0	29.6	118		40	125	3.40
Vinyl chloride	25.0	24.8	99.4		50	145	1.80
Bromomethane	25.0	10.4	41.7		30	145	2.72
Chloroethane	25.0	17.4	69.5		60	135	9.33
Trichlorofluoromethane	25.0	23.0	92.2		60	145	3.87
1,1-Dichloroethene	25.0	26.1	104		70	130	3.84
Acrolein	125	141	113		54	142	2.56
Acetone	125	154	123		40	140	0.609
Acrylonitrile	25.0	25.1	100		71	129	2.95
Carbon disulfide	25.0	22.9	91.6		35	160	4.61
Methylene Chloride	25.0	25.4	102		55	140	4.04
trans-1,2-Dichloroethene	25.0	26.5	106		60	140	2.24
Vinyl acetate	25.0	28.0	112		72	121	2.19
Methyl tert-Butyl Ether	25.0	25.3	101		65	125	1.49
1,1-Dichloroethane	25.0	24.1	96.4		70	135	3.30
2-Butanone	125	156	125		30	150	2.50
cis-1,2-Dichloroethene	25.0	26.0	104		70	125	4.22
2,2-Dichloropropane	25.0	25.5	102		70	135	5.05
Bromochloromethane	25.0	24.8	99.2		65	130	0.923
Chloroform	25.0	24.7	98.7		65	135	2.80
1,1,1-Trichloroethane	25.0	24.3	97.0		65	130	3.48
1,1-Dichloropropene	25.0	26.0	104		75	130	2.77
Carbon Tetrachloride	25.0	24.7	99.0		65	140	4.16
1,2-Dichloroethane	25.0	26.0	104		70	130	3.25
Benzene	25.0	29.4	117		80	120	1.12
Trichloroethene	25.0	26.0	104		70	125	3.81
1,2-Dichloropropane	25.0	24.7	99.0		75	125	2.04
Dibromomethane	25.0	25.3	101		75	125	1.61
Bromodichloromethane	25.0	25.9	104		75	120	1.65
cis-1,3-Dichloropropene	25.0	26.3	105		70	130	1.66
4-Methyl-2-pentanone	125	140	112		60	135	6.01
Toluene	25.0	27.8	111		75	120	1.18
trans-1,3-Dichloropropene	25.0	27.3	109		55	140	1.74
1,1,2-Trichloroethane	25.0	24.9	99.5		75	125	2.97
1,3-Dichloropropane	25.0	24.5	98.2		75	125	1.66
Tetrachloroethene	25.0	21.4	85.6		45	150	2.45
2-Hexanone	125	133	106		55	130	4.59
Dibromochloromethane	25.0	25.4	101		60	135	2.45
1,2-Dibromoethane	25.0	24.0	96.2		80	120	1.98
Chlorobenzene	25.0	23.9	95.6		80	120	0.625
1,1,1,2-Tetrachloroethane	25.0	24.9	99.6		80	130	1.08
Ethylbenzene	25.0	23.8	95.4		75	125	2.12
m-Xylene/p-Xylene	50.0	51.9	104		75	130	5.26
o-Xylene	25.0	23.1	92.5		80	120	0.776
Styrene	25.0	24.0	95.9		65	135	0.333
Bromoform	25.0	26.5	106		70	130	3.34
Isopropylbenzene	25.0	23.1	92.3		75	125	2.40
1,2,3-Trichloropropane	25.0	25.9	104		75	125	4.52
1,1,2,2-Tetrachloroethane	25.0	24.9	99.6		65	130	3.51
Bromobenzene	25.0	23.2	92.9		75	125	1.92
n-Propylbenzene	25.0	24.4	97.6		70	130	2.27
2-Chlorotoluene	25.0	24.6	98.2		75	125	2.17
4-Chlorotoluene	25.0	24.0	96.0		75	130	2.75

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805371

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P805371-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
1,3,5-Trimethylbenzene	25.0	23.0	92.2		75	130	3.03
tert-Butylbenzene	25.0	22.8	91.2		70	130	3.24
1,2,4-Trimethylbenzene	25.0	23.0	91.9		75	130	3.68
sec-Butylbenzene	25.0	25.0	99.9		70	125	2.88
1,3-Dichlorobenzene	25.0	22.9	91.6		75	125	3.01
1,4-Dichlorobenzene	25.0	23.0	91.9		75	125	3.34
1,2-Dichlorobenzene	25.0	23.5	94.0		70	120	2.56
4-Isopropyltoluene	25.0	24.4	97.6		75	130	3.50
n-Butylbenzene	25.0	25.0	99.8		70	135	5.38
1,2-Dibromo-3-chloropropane	25.0	26.6	107		50	130	2.12
1,2,4-Trichlorobenzene	25.0	25.1	100		65	135	1.38
1,2,3-Trichlorobenzene	25.0	25.2	101		55	140	1.61
Hexachlorobutadiene	25.0	23.5	94.0		50	140	3.67
Naphthalene	25.0	26.0	104		55	140	3.14

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805371-MS1
% Solids:	NA	Date Collected:	05/20/08 11:35
Analytical Methdod:	8260B	Date Analyzed:	05/28/08 00:29
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	26.3	ug/L		0.200	2.00	1
74-87-3	Chloromethane	25.4	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	24.6	ug/L		0.200	2.00	1
74-83-9	Bromomethane	26.2	ug/L		0.200	2.00	1
75-00-3	Chloroethane	25.8	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	26.2	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	27.2	ug/L		0.200	2.00	1
107-02-8	Acrolein	123	ug/L		1.00	10.0	1
67-64-1	Acetone	137	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	25.8	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	22.9	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	26.1	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	26.1	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	25.5	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	22.7	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	24.5	ug/L		0.200	2.00	1
78-93-3	2-Butanone	119	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	27.0	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	22.7	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	24.2	ug/L		0.200	2.00	1
67-66-3	Chloroform	25.2	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	25.2	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	26.3	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	25.4	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	26.7	ug/L		0.200	2.00	1
71-43-2	Benzene	26.3	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	26.1	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	24.9	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	24.4	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	26.0	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	25.5	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	130	ug/L		2.00	10.0	1
108-88-3	Toluene	26.0	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	25.4	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	24.4	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	24.2	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	20.9	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	123	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	25.0	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	22.7	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	23.7	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	25.0	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	23.6	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	50.2	ug/L		0.400	4.00	1
95-47-6	o-Xylene	23.1	ug/L		0.200	2.00	1
100-42-5	Styrene	23.1	ug/L		0.200	2.00	1
75-25-2	Bromoform	24.4	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	22.6	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	25.9	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	23.4	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805371-MS1
% Solids:	NA	Date Collected:	05/20/08 11:35
Analytical Methdod:	8260B	Date Analyzed:	05/28/08 00:29
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	23.6	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	24.6	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	25.8	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	26.3	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	23.3	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	23.0	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	23.3	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	24.8	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.4	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.9	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	23.3	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	24.1	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	24.2	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	23.2	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	22.8	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	22.9	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	22.2	ug/L		0.200	2.00	1
91-20-3	Naphthalene	23.3	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805371-MSD1
% Solids:	NA	Date Collected:	05/20/08 11:35
Analytical Methdod:	8260B	Date Analyzed:	05/28/08 01:02
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	28.0	ug/L		0.200	2.00	1
74-87-3	Chloromethane	26.4	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	25.5	ug/L		0.200	2.00	1
74-83-9	Bromomethane	27.7	ug/L		0.200	2.00	1
75-00-3	Chloroethane	26.8	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	27.5	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	28.5	ug/L		0.200	2.00	1
107-02-8	Acrolein	127	ug/L		1.00	10.0	1
67-64-1	Acetone	147	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	26.7	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	23.8	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	26.4	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	26.5	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	25.6	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	23.8	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	25.1	ug/L		0.200	2.00	1
78-93-3	2-Butanone	124	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	26.6	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	23.4	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	24.1	ug/L		0.200	2.00	1
67-66-3	Chloroform	25.5	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	25.7	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	27.1	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	26.8	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	26.9	ug/L		0.200	2.00	1
71-43-2	Benzene	26.9	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	26.2	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	24.9	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	24.9	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	26.2	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	25.7	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	136	ug/L		2.00	10.0	1
108-88-3	Toluene	26.4	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	26.0	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	24.7	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	23.9	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	21.5	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	129	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	25.3	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	22.8	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	23.9	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	25.3	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	23.3	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	48.0	ug/L		0.400	4.00	1
95-47-6	o-Xylene	23.5	ug/L		0.200	2.00	1
100-42-5	Styrene	23.4	ug/L		0.200	2.00	1
75-25-2	Bromoform	25.2	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	23.3	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	26.0	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	24.1	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805371-MSD1
% Solids:	NA	Date Collected:	05/20/08 11:35
Analytical Methdod:	8260B	Date Analyzed:	05/28/08 01:02
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805371		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	23.6	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	25.2	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	26.1	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	26.7	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	23.8	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	23.8	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	23.8	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	25.8	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	23.0	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	23.0	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	23.4	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	24.9	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	24.9	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	24.0	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	23.7	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	24.2	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	23.0	ug/L		0.200	2.00	1
91-20-3	Naphthalene	24.6	ug/L		0.400	2.00	1

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P805371

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0805139-02*** ***Lab Sample ID for MS :*** ***P805371-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Dichlorodifluoromethane	2.17	25.0	26.3	96.4		30	155
Chloromethane	0	25.0	25.4	102		40	125
Vinyl chloride	0	25.0	24.6	98.4		50	145
Bromomethane	0	25.0	26.2	105		30	145
Chloroethane	0	25.0	25.8	103		60	135
Trichlorofluoromethane	0.910	25.0	26.2	101		60	145
1,1-Dichloroethene	0	25.0	27.2	109		70	130
Acrolein	0	125	123	98.1		54	142
Acetone	0	125	137	109		40	140
Acrylonitrile	0	25.0	25.8	103		71	129
Carbon disulfide	0	25.0	22.9	91.6		35	160
Methylene Chloride	0	25.0	26.1	104		55	140
trans-1,2-Dichloroethene	0	25.0	26.1	104		60	140
Vinyl acetate	0	25.0	25.5	102		72	121
Methyl tert-Butyl Ether	0	25.0	22.7	90.8		65	125
1,1-Dichloroethane	0	25.0	24.5	97.8		70	135
2-Butanone	0	125	119	95.3		30	150
cis-1,2-Dichloroethene	0	25.0	27.0	108		70	125
2,2-Dichloropropane	0	25.0	22.7	91.0		70	135
Bromochloromethane	0	25.0	24.2	96.8		65	130
Chloroform	0	25.0	25.2	101		65	135
1,1,1-Trichloroethane	0	25.0	25.2	101		65	130
1,1-Dichloropropene	0	25.0	26.3	105		75	130
Carbon Tetrachloride	0	25.0	25.4	102		65	140
1,2-Dichloroethane	0	25.0	26.7	107		70	130
Benzene	0	25.0	26.3	105		80	120
Trichloroethene	0	25.0	26.1	104		70	125
1,2-Dichloropropane	0	25.0	24.9	99.5		75	125
Dibromomethane	0	25.0	24.4	97.6		75	125
Bromodichloromethane	0	25.0	26.0	104		75	120
cis-1,3-Dichloropropene	0	25.0	25.5	102		70	130
4-Methyl-2-pentanone	0	125	130	104		60	135
Toluene	0	25.0	26.0	104		75	120
trans-1,3-Dichloropropene	0	25.0	25.4	101		55	140
1,1,2-Trichloroethane	0	25.0	24.4	97.7		75	125
1,3-Dichloropropane	0	25.0	24.2	96.6		75	125
Tetrachloroethene	0	25.0	20.9	83.6		45	150
2-Hexanone	0	125	123	98.0		55	130
Dibromochloromethane	0	25.0	25.0	99.9		60	135
1,2-Dibromoethane	0	25.0	22.7	90.7		80	120
Chlorobenzene	0	25.0	23.7	94.6		80	120
1,1,1,2-Tetrachloroethane	0	25.0	25.0	100		80	130
Ethylbenzene	0	25.0	23.6	94.4		75	125
m-Xylene/p-Xylene	0	50.0	50.2	100		75	130
o-Xylene	0	25.0	23.1	92.4		80	120
Styrene	0	25.0	23.1	92.2		65	135
Bromoform	0	25.0	24.4	97.5		70	130
Isopropylbenzene	0	25.0	22.6	90.3		75	125
1,2,3-Trichloropropane	0	25.0	25.9	103		75	125
1,1,2,2-Tetrachloroethane	0	25.0	23.4	93.7		65	130
Bromobenzene	0	25.0	23.6	94.4		75	125
n-Propylbenzene	0	25.0	24.6	98.5		70	130
2-Chlorotoluene	0	25.0	25.8	103		75	125
4-Chlorotoluene	0	25.0	26.3	105		75	130

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P805371

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0805139-02*** ***Lab Sample ID for MS :*** ***P805371-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
1,3,5-Trimethylbenzene	0	25.0	23.3	93.3		75	130
tert-Butylbenzene	0	25.0	23.0	92.2		70	130
1,2,4-Trimethylbenzene	0	25.0	23.3	93.3		75	130
sec-Butylbenzene	0	25.0	24.8	99.4		70	125
1,3-Dichlorobenzene	0	25.0	22.4	89.7		75	125
1,4-Dichlorobenzene	0	25.0	22.9	91.6		75	125
1,2-Dichlorobenzene	0	25.0	23.3	93.0		70	120
4-Isopropyltoluene	0	25.0	24.1	96.4		75	130
n-Butylbenzene	0	25.0	24.2	96.7		70	135
1,2-Dibromo-3-chloropropane	0	25.0	23.2	93.0		50	130
1,2,4-Trichlorobenzene	0	25.0	22.8	91.3		65	135
1,2,3-Trichlorobenzene	0	25.0	22.9	91.4		55	140
Hexachlorobutadiene	0	25.0	22.2	88.8		50	140
Naphthalene	0	25.0	23.3	93.1		55	140

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805371

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0805139-02*** ***Lab Sample ID for MSD*** ***P805371-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Dichlorodifluoromethane	2.17	25.0	28.0	103		6.89		30	155	30
Chloromethane	0	25.0	26.4	106		3.90		40	125	30
Vinyl chloride	0	25.0	25.5	102		3.67		50	145	30
Bromomethane	0	25.0	27.7	111		5.82		30	145	30
Chloroethane	0	25.0	26.8	107		3.84		60	135	30
Trichlorofluoromethane	0.910	25.0	27.5	106		5.24		60	145	30
1,1-Dichloroethene	0	25.0	28.5	114		4.71		70	130	30
Acrolein	0	125	127	102		3.61		54	142	30
Acetone	0	125	147	117		7.04		40	140	30
Acrylonitrile	0	25.0	26.7	107		3.20		71	129	30
Carbon disulfide	0	25.0	23.8	95.0		3.64		35	160	30
Methylene Chloride	0	25.0	26.4	105		1.14		55	140	30
trans-1,2-Dichloroethene	0	25.0	26.5	106		1.75		60	140	30
Vinyl acetate	0	25.0	25.6	102		0.0783		72	121	30
Methyl tert-Butyl Ether	0	25.0	23.8	95.0		4.57		65	125	30
1,1-Dichloroethane	0	25.0	25.1	100		2.46		70	135	30
2-Butanone	0	125	124	99.2		4.05		30	150	30
cis-1,2-Dichloroethene	0	25.0	26.6	106		1.64		70	125	30
2,2-Dichloropropane	0	25.0	23.4	93.8		3.07		70	135	30
Bromochloromethane	0	25.0	24.1	96.6		0.290		65	130	30
Chloroform	0	25.0	25.5	102		0.947		65	135	30
1,1,1-Trichloroethane	0	25.0	25.7	103		2.28		65	130	30
1,1-Dichloropropene	0	25.0	27.1	108		3.11		75	130	30
Carbon Tetrachloride	0	25.0	26.8	107		5.10		65	140	30
1,2-Dichloroethane	0	25.0	26.9	108		0.783		70	130	30
Benzene	0	25.0	26.9	108		2.25		80	120	30
Trichloroethene	0	25.0	26.2	105		0.497		70	125	30
1,2-Dichloropropane	0	25.0	24.9	99.6		0.161		75	125	30
Dibromomethane	0	25.0	24.9	99.7		2.11		75	125	30
Bromodichloromethane	0	25.0	26.2	105		0.918		75	120	30
cis-1,3-Dichloropropene	0	25.0	25.7	103		0.743		70	130	30
4-Methyl-2-pentanone	0	125	136	109		4.11		60	135	30
Toluene	0	25.0	26.4	105		1.49		75	120	30
trans-1,3-Dichloropropene	0	25.0	26.0	104		2.38		55	140	30
1,1,2-Trichloroethane	0	25.0	24.7	98.8		1.14		75	125	30
1,3-Dichloropropane	0	25.0	23.9	95.6		1.04		75	125	30
Tetrachloroethene	0	25.0	21.5	86.1		2.88		45	150	30
2-Hexanone	0	125	129	103		4.86		55	130	30
Dibromochloromethane	0	25.0	25.3	101		1.23		60	135	30
1,2-Dibromoethane	0	25.0	22.8	91.1		0.440		80	120	30
Chlorobenzene	0	25.0	23.9	95.7		1.13		80	120	30
1,1,1,2-Tetrachloroethane	0	25.0	25.3	101		1.19		80	130	30
Ethylbenzene	0	25.0	23.3	93.4		1.15		75	125	30
m-Xylene/p-Xylene	0	50.0	48.0	96.1		4.38		75	130	30
o-Xylene	0	25.0	23.5	94.0		1.67		80	120	30
Styrene	0	25.0	23.4	93.8		1.63		65	135	30
Bromoform	0	25.0	25.2	101		3.27		70	130	30
Isopropylbenzene	0	25.0	23.3	93.2		3.18		75	125	30
1,2,3-Trichloropropane	0	25.0	26.0	104		0.386		75	125	30
1,1,2,2-Tetrachloroethane	0	25.0	24.1	96.6		3.03		65	130	30
Bromobenzene	0	25.0	23.6	94.3		0.127		75	125	30
n-Propylbenzene	0	25.0	25.2	101		2.25		70	130	30
2-Chlorotoluene	0	25.0	26.1	105		1.35		75	125	30
4-Chlorotoluene	0	25.0	26.7	107		1.70		75	130	30

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805371

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Original Sample ***0805139-02*** ***Lab Sample ID for MSD*** ***P805371-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
1,3,5-Trimethylbenzene	0	25.0	23.8	95.1		1.91		75	130	30
tert-Butylbenzene	0	25.0	23.8	95.1		3.12		70	130	30
1,2,4-Trimethylbenzene	0	25.0	23.8	95.2		2.04		75	130	30
sec-Butylbenzene	0	25.0	25.8	103		3.87		70	125	30
1,3-Dichlorobenzene	0	25.0	23.0	91.8		2.34		75	125	30
1,4-Dichlorobenzene	0	25.0	23.0	92.1		0.566		75	125	30
1,2-Dichlorobenzene	0	25.0	23.4	93.6		0.557		70	120	30
4-Isopropyltoluene	0	25.0	24.9	99.5		3.19		75	130	30
n-Butylbenzene	0	25.0	24.9	99.4		2.81		70	135	30
1,2-Dibromo-3-chloropropane	0	25.0	24.0	96.0		3.22		50	130	30
1,2,4-Trichlorobenzene	0	25.0	23.7	94.7		3.66		65	135	30
1,2,3-Trichlorobenzene	0	25.0	24.2	96.9		5.78		55	140	30
Hexachlorobutadiene	0	25.0	23.0	92.2		3.76		50	140	30
Naphthalene	0	25.0	24.6	98.6		5.72		55	140	30

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0805139

(Sample Delivery Group, SDG)

8260B

(Parameter)

P805456

(Analytical Batch)

Quality Control Association Form

Lab Name:	Analytical Management Laboratories, Inc.	**Fraction:**	VOA_GCMS
QC Batch:	P805456	**Method:**	8260B

Date Analyzed	Lab Sample ID	Original Sample	Sample Type	Project Number
5/28/08	0805139-02RE1		SAMPLE RE-ANALYSIS	0805139
5/28/08	P805456-BLK1		Method Blank	0805139
5/28/08	P805456-BS1		LCS	0805139
5/28/08	P805456-BSD1		LCS Dup	0805139
5/28/08	P805456-MS1	0805139-02	Matrix Spike	0805139
5/28/08	P805456-MS2	0805148-01	Matrix Spike	0805139
5/28/08	P805456-MSD1	0805139-02	Matrix Spike Dup	0805139
5/28/08	P805456-MSD2	0805148-01	Matrix Spike Dup	0805139

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P805456

LMW-3S-5-08 (0805139-02RE1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	106	85	115	
1,2-Dichloroethane-d4	105	70	120	
Toluene-d8	109	85	120	
4-Bromofluorobenzene	102	75	120	

Blank (P805456-BLK1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	110	85	115	
1,2-Dichloroethane-d4	111	70	120	
Toluene-d8	108	85	120	
4-Bromofluorobenzene	104	75	120	

LCS (P805456-BS1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	109	85	115	
1,2-Dichloroethane-d4	110	70	120	
Toluene-d8	110	85	120	
4-Bromofluorobenzene	107	75	120	

LCS Dup (P805456-BSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	109	85	115	
1,2-Dichloroethane-d4	110	70	120	
Toluene-d8	109	85	120	
4-Bromofluorobenzene	107	75	120	

Matrix Spike (P805456-MS1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	110	85	115	
1,2-Dichloroethane-d4	112	70	120	
Toluene-d8	109	85	120	
4-Bromofluorobenzene	107	75	120	

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P805456

Matrix Spike (P805456-MS2)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	111	85	115	
1,2-Dichloroethane-d4	114	70	120	
Toluene-d8	111	85	120	
4-Bromofluorobenzene	110	75	120	

Matrix Spike Dup (P805456-MSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	111	85	115	
1,2-Dichloroethane-d4	115	70	120	
Toluene-d8	110	85	120	
4-Bromofluorobenzene	107	75	120	

Matrix Spike Dup (P805456-MSD2)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	113	85	115	
1,2-Dichloroethane-d4	116	70	120	
Toluene-d8	111	85	120	
4-Bromofluorobenzene	110	75	120	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805456-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	05/28/08 12:12
Preparation:	EPA 5030B	Date Received:	
Batch:	P805456		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805456-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	05/28/08 12:12
Preparation:	EPA 5030B	Date Received:	
Batch:	P805456		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805456-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	05/28/08 10:36
Preparation:	EPA 5030B	Date Received:	
Batch:	P805456		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	27.9	ug/L		0.200	2.00	1
74-87-3	Chloromethane	26.3	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	26.2	ug/L		0.200	2.00	1
74-83-9	Bromomethane	28.9	ug/L		0.200	2.00	1
75-00-3	Chloroethane	23.9	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	27.8	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	29.5	ug/L		0.200	2.00	1
107-02-8	Acrolein	133	ug/L		1.00	10.0	1
67-64-1	Acetone	135	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	27.0	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	24.5	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	25.7	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	26.9	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	26.5	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	23.3	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	25.3	ug/L		0.200	2.00	1
78-93-3	2-Butanone	120	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	27.1	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	28.1	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	23.9	ug/L		0.200	2.00	1
67-66-3	Chloroform	25.8	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	26.7	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	27.8	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	28.0	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	26.0	ug/L		0.200	2.00	1
71-43-2	Benzene	27.1	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	27.2	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	24.4	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	24.6	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	26.1	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	26.5	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	127	ug/L		2.00	10.0	1
108-88-3	Toluene	27.1	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	26.1	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	24.1	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	23.5	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	22.5	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	119	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	24.6	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	23.3	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	24.0	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	25.1	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	24.6	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	53.0	ug/L		0.400	4.00	1
95-47-6	o-Xylene	23.4	ug/L		0.200	2.00	1
100-42-5	Styrene	23.7	ug/L		0.200	2.00	1
75-25-2	Bromoform	25.0	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	24.1	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	24.8	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	23.0	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805456-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	05/28/08 10:36
Preparation:	EPA 5030B	Date Received:	
Batch:	P805456		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	23.6	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	26.2	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	26.6	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	27.6	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	24.9	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	24.5	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	24.5	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	27.5	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	23.4	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	23.2	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	23.0	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	26.4	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	27.0	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	23.2	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	24.0	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	24.2	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	25.2	ug/L		0.200	2.00	1
91-20-3	Naphthalene	24.1	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805456-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	05/28/08 11:08
Preparation:	EPA 5030B	Date Received:	
Batch:	P805456		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	26.6	ug/L		0.200	2.00	1
74-87-3	Chloromethane	25.6	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	25.4	ug/L		0.200	2.00	1
74-83-9	Bromomethane	27.9	ug/L		0.200	2.00	1
75-00-3	Chloroethane	22.0	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	26.9	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	28.1	ug/L		0.200	2.00	1
107-02-8	Acrolein	135	ug/L		1.00	10.0	1
67-64-1	Acetone	136	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	26.5	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	23.8	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	25.0	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	26.9	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	27.0	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	24.0	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	24.7	ug/L		0.200	2.00	1
78-93-3	2-Butanone	125	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	26.6	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	27.2	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	24.1	ug/L		0.200	2.00	1
67-66-3	Chloroform	25.3	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	26.0	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	27.4	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	27.0	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	26.2	ug/L		0.200	2.00	1
71-43-2	Benzene	27.5	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	26.5	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	24.3	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	24.8	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	26.2	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	26.4	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	133	ug/L		2.00	10.0	1
108-88-3	Toluene	26.8	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	26.5	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	24.0	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	23.7	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	21.8	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	123	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	25.1	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	23.3	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	23.5	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.8	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	24.1	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	52.1	ug/L		0.400	4.00	1
95-47-6	o-Xylene	23.5	ug/L		0.200	2.00	1
100-42-5	Styrene	23.4	ug/L		0.200	2.00	1
75-25-2	Bromoform	25.8	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	23.5	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	25.8	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	23.4	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805456-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	05/28/08 11:08
Preparation:	EPA 5030B	Date Received:	
Batch:	P805456		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	23.3	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	25.1	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	25.7	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	26.6	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	23.8	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	23.4	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	23.4	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	26.0	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.7	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.7	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	23.0	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	25.0	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	25.3	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	23.6	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	24.1	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	24.1	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	23.7	ug/L		0.200	2.00	1
91-20-3	Naphthalene	24.5	ug/L		0.400	2.00	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P805456

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P805456-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Dichlorodifluoromethane	25.0	27.9	111		30	155
Chloromethane	25.0	26.3	105		40	125
Vinyl chloride	25.0	26.2	105		50	145
Bromomethane	25.0	28.9	115		30	145
Chloroethane	25.0	23.9	95.6		60	135
Trichlorofluoromethane	25.0	27.8	111		60	145
1,1-Dichloroethene	25.0	29.5	118		70	130
Acrolein	125	133	106		54	142
Acetone	125	135	108		40	140
Acrylonitrile	25.0	27.0	108		71	129
Carbon disulfide	25.0	24.5	97.9		35	160
Methylene Chloride	25.0	25.7	103		55	140
trans-1,2-Dichloroethene	25.0	26.9	108		60	140
Vinyl acetate	25.0	26.5	106		72	121
Methyl tert-Butyl Ether	25.0	23.3	93.2		65	125
1,1-Dichloroethane	25.0	25.3	101		70	135
2-Butanone	125	120	95.9		30	150
cis-1,2-Dichloroethene	25.0	27.1	108		70	125
2,2-Dichloropropane	25.0	28.1	112		70	135
Bromochloromethane	25.0	23.9	95.6		65	130
Chloroform	25.0	25.8	103		65	135
1,1,1-Trichloroethane	25.0	26.7	107		65	130
1,1-Dichloropropene	25.0	27.8	111		75	130
Carbon Tetrachloride	25.0	28.0	112		65	140
1,2-Dichloroethane	25.0	26.0	104		70	130
Benzene	25.0	27.1	108		80	120
Trichloroethene	25.0	27.2	109		70	125
1,2-Dichloropropane	25.0	24.4	97.8		75	125
Dibromomethane	25.0	24.6	98.6		75	125
Bromodichloromethane	25.0	26.1	104		75	120
cis-1,3-Dichloropropene	25.0	26.5	106		70	130
4-Methyl-2-pentanone	125	127	101		60	135
Toluene	25.0	27.1	108		75	120
trans-1,3-Dichloropropene	25.0	26.1	104		55	140
1,1,2-Trichloroethane	25.0	24.1	96.5		75	125
1,3-Dichloropropane	25.0	23.5	94.0		75	125
Tetrachloroethene	25.0	22.5	90.1		45	150
2-Hexanone	125	119	95.3		55	130
Dibromochloromethane	25.0	24.6	98.6		60	135
1,2-Dibromoethane	25.0	23.3	93.3		80	120
Chlorobenzene	25.0	24.0	95.9		80	120
1,1,1,2-Tetrachloroethane	25.0	25.1	100		80	130
Ethylbenzene	25.0	24.6	98.6		75	125
m-Xylene/p-Xylene	50.0	53.0	106		75	130
o-Xylene	25.0	23.4	93.4		80	120
Styrene	25.0	23.7	94.8		65	135
Bromoform	25.0	25.0	100		70	130
Isopropylbenzene	25.0	24.1	96.4		75	125
1,2,3-Trichloropropane	25.0	24.8	99.1		75	125
1,1,2,2-Tetrachloroethane	25.0	23.0	92.1		65	130
Bromobenzene	25.0	23.6	94.6		75	125
n-Propylbenzene	25.0	26.2	105		70	130
2-Chlorotoluene	25.0	26.6	106		75	125
4-Chlorotoluene	25.0	27.6	111		75	130

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P805456

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P805456-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
1,3,5-Trimethylbenzene	25.0	24.9	99.6		75	130
tert-Butylbenzene	25.0	24.5	98.0		70	130
1,2,4-Trimethylbenzene	25.0	24.5	97.9		75	130
sec-Butylbenzene	25.0	27.5	110		70	125
1,3-Dichlorobenzene	25.0	23.4	93.4		75	125
1,4-Dichlorobenzene	25.0	23.2	92.6		75	125
1,2-Dichlorobenzene	25.0	23.0	92.1		70	120
4-Isopropyltoluene	25.0	26.4	106		75	130
n-Butylbenzene	25.0	27.0	108		70	135
1,2-Dibromo-3-chloropropane	25.0	23.2	92.9		50	130
1,2,4-Trichlorobenzene	25.0	24.0	96.0		65	135
1,2,3-Trichlorobenzene	25.0	24.2	96.9		55	140
Hexachlorobutadiene	25.0	25.2	101		50	140
Naphthalene	25.0	24.1	96.5		55	140

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805456

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P805456-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Dichlorodifluoromethane	25.0	26.6	106		30	155	4.85
Chloromethane	25.0	25.6	102		40	125	2.51
Vinyl chloride	25.0	25.4	102		50	145	3.26
Bromomethane	25.0	27.9	112		30	145	3.45
Chloroethane	25.0	22.0	88.0		60	135	8.24
Trichlorofluoromethane	25.0	26.9	108		60	145	3.25
1,1-Dichloroethene	25.0	28.1	112		70	130	4.80
Acrolein	125	135	108		54	142	1.52
Acetone	125	136	109		40	140	0.531
Acrylonitrile	25.0	26.5	106		71	129	2.13
Carbon disulfide	25.0	23.8	95.2		35	160	2.73
Methylene Chloride	25.0	25.0	99.8		55	140	2.80
trans-1,2-Dichloroethene	25.0	26.9	108		60	140	0.00
Vinyl acetate	25.0	27.0	108		72	121	1.83
Methyl tert-Butyl Ether	25.0	24.0	96.2		65	125	3.12
1,1-Dichloroethane	25.0	24.7	98.8		70	135	2.24
2-Butanone	125	125	99.8		30	150	4.02
cis-1,2-Dichloroethene	25.0	26.6	106		70	125	2.01
2,2-Dichloropropane	25.0	27.2	109		70	135	3.40
Bromochloromethane	25.0	24.1	96.4		65	130	0.792
Chloroform	25.0	25.3	101		65	135	1.76
1,1,1-Trichloroethane	25.0	26.0	104		65	130	2.58
1,1-Dichloropropene	25.0	27.4	109		75	130	1.74
Carbon Tetrachloride	25.0	27.0	108		65	140	3.31
1,2-Dichloroethane	25.0	26.2	105		70	130	0.765
Benzene	25.0	27.5	110		80	120	1.57
Trichloroethene	25.0	26.5	106		70	125	2.49
1,2-Dichloropropane	25.0	24.3	97.2		75	125	0.574
Dibromomethane	25.0	24.8	99.3		75	125	0.728
Bromodichloromethane	25.0	26.2	105		75	120	0.344
cis-1,3-Dichloropropene	25.0	26.4	105		70	130	0.454
4-Methyl-2-pentanone	125	133	106		60	135	4.77
Toluene	25.0	26.8	107		75	120	1.00
trans-1,3-Dichloropropene	25.0	26.5	106		55	140	1.63
1,1,2-Trichloroethane	25.0	24.0	96.2		75	125	0.332
1,3-Dichloropropane	25.0	23.7	94.9		75	125	0.889
Tetrachloroethene	25.0	21.8	87.1		45	150	3.43
2-Hexanone	125	123	98.6		55	130	3.42
Dibromochloromethane	25.0	25.1	100		60	135	1.81
1,2-Dibromoethane	25.0	23.3	93.1		80	120	0.172
Chlorobenzene	25.0	23.5	93.8		80	120	2.19
1,1,1,2-Tetrachloroethane	25.0	24.8	99.2		80	130	1.20
Ethylbenzene	25.0	24.1	96.5		75	125	2.17
m-Xylene/p-Xylene	50.0	52.1	104		75	130	1.71
o-Xylene	25.0	23.5	94.1		80	120	0.725
Styrene	25.0	23.4	93.5		65	135	1.32
Bromoform	25.0	25.8	103		70	130	2.99
Isopropylbenzene	25.0	23.5	93.9		75	125	2.61
1,2,3-Trichloropropane	25.0	25.8	103		75	125	3.96
1,1,2,2-Tetrachloroethane	25.0	23.4	93.7		65	130	1.77
Bromobenzene	25.0	23.3	93.2		75	125	1.49
n-Propylbenzene	25.0	25.1	100		70	130	4.48
2-Chlorotoluene	25.0	25.7	103		75	125	3.63
4-Chlorotoluene	25.0	26.6	106		75	130	3.91

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805456

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P805456-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
1,3,5-Trimethylbenzene	25.0	23.8	95.4		75	130	4.35
tert-Butylbenzene	25.0	23.4	93.8		70	130	4.38
1,2,4-Trimethylbenzene	25.0	23.4	93.5		75	130	4.56
sec-Butylbenzene	25.0	26.0	104		70	125	5.49
1,3-Dichlorobenzene	25.0	22.7	90.9		75	125	2.78
1,4-Dichlorobenzene	25.0	22.7	90.9		75	125	1.87
1,2-Dichlorobenzene	25.0	23.0	91.8		70	120	0.305
4-Isopropyltoluene	25.0	25.0	100		75	130	5.56
n-Butylbenzene	25.0	25.3	101		70	135	6.53
1,2-Dibromo-3-chloropropane	25.0	23.6	94.5		50	130	1.71
1,2,4-Trichlorobenzene	25.0	24.1	96.3		65	135	0.374
1,2,3-Trichlorobenzene	25.0	24.1	96.2		55	140	0.663
Hexachlorobutadiene	25.0	23.7	94.7		50	140	6.02
Naphthalene	25.0	24.5	98.2		55	140	1.68

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805456-MS1
% Solids:	NA	Date Collected:	05/20/08 11:35
Analytical Methdod:	8260B	Date Analyzed:	05/28/08 14:57
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805456		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	27.5	ug/L		0.200	2.00	1
74-87-3	Chloromethane	24.9	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	25.1	ug/L		0.200	2.00	1
74-83-9	Bromomethane	27.0	ug/L		0.200	2.00	1
75-00-3	Chloroethane	26.8	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	26.4	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	27.1	ug/L		0.200	2.00	1
107-02-8	Acrolein	130	ug/L		1.00	10.0	1
67-64-1	Acetone	134	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	26.0	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	24.0	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	26.3	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	27.4	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	26.6	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	23.7	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	25.1	ug/L		0.200	2.00	1
78-93-3	2-Butanone	119	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	27.5	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	27.2	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	24.6	ug/L		0.200	2.00	1
67-66-3	Chloroform	25.6	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	25.5	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	26.4	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	26.4	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	26.6	ug/L		0.200	2.00	1
71-43-2	Benzene	27.3	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	27.0	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	24.8	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	24.6	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	26.2	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	26.7	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	129	ug/L		2.00	10.0	1
108-88-3	Toluene	26.8	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	26.6	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	24.2	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	23.4	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	21.6	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	118	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	24.7	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	22.7	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	23.8	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.7	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	24.0	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	51.3	ug/L		0.400	4.00	1
95-47-6	o-Xylene	23.4	ug/L		0.200	2.00	1
100-42-5	Styrene	23.4	ug/L		0.200	2.00	1
75-25-2	Bromoform	24.6	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	23.0	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	24.8	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	22.9	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805456-MS1
% Solids:	NA	Date Collected:	05/20/08 11:35
Analytical Methdod:	8260B	Date Analyzed:	05/28/08 14:57
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805456		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	23.3	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	24.3	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	25.0	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	26.6	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	23.6	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	22.9	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	23.5	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	25.0	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.8	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.8	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	22.4	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	24.5	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	24.8	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	22.8	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	23.1	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	23.0	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	22.6	ug/L		0.200	2.00	1
91-20-3	Naphthalene	23.2	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805456-MS2
% Solids:	NA	Date Collected:	05/23/08 09:45
Analytical Methdod:	8260B	Date Analyzed:	05/28/08 18:40
Preparation:	EPA 5030B	Date Received:	05/28/08 09:15
Batch:	P805456		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	26.3	ug/L		0.200	2.00	1
74-87-3	Chloromethane	24.2	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	25.2	ug/L		0.200	2.00	1
74-83-9	Bromomethane	27.0	ug/L		0.200	2.00	1
75-00-3	Chloroethane	27.0	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	25.6	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	28.0	ug/L		0.200	2.00	1
107-02-8	Acrolein	132	ug/L		1.00	10.0	1
67-64-1	Acetone	142	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	25.9	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	24.0	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	26.0	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	26.2	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	27.1	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	25.1	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	24.9	ug/L		0.200	2.00	1
78-93-3	2-Butanone	127	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	27.4	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	26.0	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	25.2	ug/L		0.200	2.00	1
67-66-3	Chloroform	25.6	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	25.9	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	27.0	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	26.0	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	27.2	ug/L		0.200	2.00	1
71-43-2	Benzene	34.8	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	26.9	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	25.2	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	25.5	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	26.1	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	27.0	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	136	ug/L		2.00	10.0	1
108-88-3	Toluene	34.2	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	27.4	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	25.2	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	24.3	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	21.3	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	126	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	25.3	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	24.1	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	23.6	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	25.0	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	30.4	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	65.6	ug/L		0.400	4.00	1
95-47-6	o-Xylene	29.9	ug/L		0.200	2.00	1
100-42-5	Styrene	23.7	ug/L		0.200	2.00	1
75-25-2	Bromoform	25.0	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	22.7	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	25.2	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	23.3	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805456-MS2
% Solids:	NA	Date Collected:	05/23/08 09:45
Analytical Methdod:	8260B	Date Analyzed:	05/28/08 18:40
Preparation:	EPA 5030B	Date Received:	05/28/08 09:15
Batch:	P805456		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	23.1	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	23.5	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	24.2	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	25.6	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	22.3	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	22.5	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	28.1	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	23.2	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.4	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.3	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	22.6	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	22.9	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	22.5	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	23.9	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	23.0	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	22.8	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	16.9	ug/L		0.200	2.00	1
91-20-3	Naphthalene	32.4	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805456-MSD1
% Solids:	NA	Date Collected:	05/20/08 11:35
Analytical Methdod:	8260B	Date Analyzed:	05/28/08 15:29
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805456		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	29.2	ug/L		0.200	2.00	1
74-87-3	Chloromethane	24.9	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	25.4	ug/L		0.200	2.00	1
74-83-9	Bromomethane	28.4	ug/L		0.200	2.00	1
75-00-3	Chloroethane	26.5	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	27.5	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	28.6	ug/L		0.200	2.00	1
107-02-8	Acrolein	141	ug/L		1.00	10.0	1
67-64-1	Acetone	150	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	27.2	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	24.0	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	26.5	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	27.3	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	28.2	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	25.4	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	25.5	ug/L		0.200	2.00	1
78-93-3	2-Butanone	132	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	27.6	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	27.8	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	26.0	ug/L		0.200	2.00	1
67-66-3	Chloroform	26.3	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	26.6	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	27.9	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	27.5	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	27.6	ug/L		0.200	2.00	1
71-43-2	Benzene	27.5	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	27.4	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	25.0	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	26.1	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	27.2	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	27.4	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	143	ug/L		2.00	10.0	1
108-88-3	Toluene	27.4	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	27.9	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	25.5	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	23.9	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	21.5	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	131	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	25.6	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	23.4	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	23.4	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.8	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	24.0	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	51.3	ug/L		0.400	4.00	1
95-47-6	o-Xylene	23.3	ug/L		0.200	2.00	1
100-42-5	Styrene	23.4	ug/L		0.200	2.00	1
75-25-2	Bromoform	25.9	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	23.2	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	26.4	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	24.8	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805456-MSD1
% Solids:	NA	Date Collected:	05/20/08 11:35
Analytical Methdod:	8260B	Date Analyzed:	05/28/08 15:29
Preparation:	EPA 5030B	Date Received:	05/23/08 10:00
Batch:	P805456		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	23.5	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	25.2	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	25.2	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	26.8	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	23.6	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	23.5	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	23.5	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	26.1	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	23.0	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	23.2	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	23.4	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	25.1	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	25.6	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	24.4	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	24.8	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	24.6	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	23.8	ug/L		0.200	2.00	1
91-20-3	Naphthalene	25.7	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805456-MSD2
% Solids:	NA	Date Collected:	05/23/08 09:45
Analytical Methdod:	8260B	Date Analyzed:	05/28/08 19:12
Preparation:	EPA 5030B	Date Received:	05/28/08 09:15
Batch:	P805456		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	25.4	ug/L		0.200	2.00	1
74-87-3	Chloromethane	24.9	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	24.9	ug/L		0.200	2.00	1
74-83-9	Bromomethane	20.6	ug/L		0.200	2.00	1
75-00-3	Chloroethane	26.2	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	24.9	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	27.1	ug/L		0.200	2.00	1
107-02-8	Acrolein	141	ug/L		1.00	10.0	1
67-64-1	Acetone	151	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	25.6	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	23.7	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	26.3	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	25.7	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	28.0	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	25.9	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	25.0	ug/L		0.200	2.00	1
78-93-3	2-Butanone	137	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	27.0	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	25.2	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	25.3	ug/L		0.200	2.00	1
67-66-3	Chloroform	25.7	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	25.2	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	26.1	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	25.7	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	28.7	ug/L		0.200	2.00	1
71-43-2	Benzene	69.8	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	26.3	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	25.3	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	26.4	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	27.1	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	27.4	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	146	ug/L		2.00	10.0	1
108-88-3	Toluene	69.9	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	28.3	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	26.0	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	24.7	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	20.2	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	133	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	25.9	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	24.7	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	22.9	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	25.0	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	60.4	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	128	ug/L		0.400	4.00	1
95-47-6	o-Xylene	59.3	ug/L		0.200	2.00	1
100-42-5	Styrene	24.1	ug/L		0.200	2.00	1
75-25-2	Bromoform	26.3	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	22.1	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	25.8	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	24.4	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0805139
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P805456-MSD2
% Solids:	NA	Date Collected:	05/23/08 09:45
Analytical Methdod:	8260B	Date Analyzed:	05/28/08 19:12
Preparation:	EPA 5030B	Date Received:	05/28/08 09:15
Batch:	P805456		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	23.2	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	22.5	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	24.0	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	25.0	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	21.6	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	25.1	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	57.7	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	28.2	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	21.9	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.2	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	22.6	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	21.8	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	21.3	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	24.7	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	23.4	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	24.2	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	14.9	ug/L		0.200	2.00	1
91-20-3	Naphthalene	67.0	ug/L		0.400	2.00	1

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P805456

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0805139-02*** ***Lab Sample ID for MS :*** ***P805456-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Dichlorodifluoromethane	0.620	25.0	27.5	107		30	155
Chloromethane	0	25.0	24.9	99.5		40	125
Vinyl chloride	0	25.0	25.1	100		50	145
Bromomethane	0	25.0	27.0	108		30	145
Chloroethane	0	25.0	26.8	107		60	135
Trichlorofluoromethane	0.520	25.0	26.4	104		60	145
1,1-Dichloroethene	0	25.0	27.1	108		70	130
Acrolein	0	125	130	104		54	142
Acetone	0	125	134	107		40	140
Acrylonitrile	0	25.0	26.0	104		71	129
Carbon disulfide	0	25.0	24.0	96.1		35	160
Methylene Chloride	0	25.0	26.3	105		55	140
trans-1,2-Dichloroethene	0	25.0	27.4	109		60	140
Vinyl acetate	0	25.0	26.6	106		72	121
Methyl tert-Butyl Ether	0	25.0	23.7	94.6		65	125
1,1-Dichloroethane	0	25.0	25.1	101		70	135
2-Butanone	0	125	119	95.5		30	150
cis-1,2-Dichloroethene	0	25.0	27.5	110		70	125
2,2-Dichloropropane	0	25.0	27.2	109		70	135
Bromochloromethane	0	25.0	24.6	98.5		65	130
Chloroform	0	25.0	25.6	102		65	135
1,1,1-Trichloroethane	0	25.0	25.5	102		65	130
1,1-Dichloropropene	0	25.0	26.4	106		75	130
Carbon Tetrachloride	0	25.0	26.4	106		65	140
1,2-Dichloroethane	0	25.0	26.6	106		70	130
Benzene	0	25.0	27.3	109		80	120
Trichloroethene	0	25.0	27.0	108		70	125
1,2-Dichloropropane	0	25.0	24.8	99.1		75	125
Dibromomethane	0	25.0	24.6	98.4		75	125
Bromodichloromethane	0	25.0	26.2	105		75	120
cis-1,3-Dichloropropene	0	25.0	26.7	107		70	130
4-Methyl-2-pentanone	0	125	129	103		60	135
Toluene	0	25.0	26.8	107		75	120
trans-1,3-Dichloropropene	0	25.0	26.6	106		55	140
1,1,2-Trichloroethane	0	25.0	24.2	96.8		75	125
1,3-Dichloropropane	0	25.0	23.4	93.6		75	125
Tetrachloroethene	0	25.0	21.6	86.6		45	150
2-Hexanone	0	125	118	94.5		55	130
Dibromochloromethane	0	25.0	24.7	98.6		60	135
1,2-Dibromoethane	0	25.0	22.7	90.8		80	120
Chlorobenzene	0	25.0	23.8	95.2		80	120
1,1,1,2-Tetrachloroethane	0	25.0	24.7	98.6		80	130
Ethylbenzene	0	25.0	24.0	96.1		75	125
m-Xylene/p-Xylene	0	50.0	51.3	103		75	130
o-Xylene	0	25.0	23.4	93.7		80	120
Styrene	0	25.0	23.4	93.5		65	135
Bromoform	0	25.0	24.6	98.4		70	130
Isopropylbenzene	0	25.0	23.0	92.0		75	125
1,2,3-Trichloropropane	0	25.0	24.8	99.2		75	125
1,1,2,2-Tetrachloroethane	0	25.0	22.9	91.6		65	130
Bromobenzene	0	25.0	23.3	93.1		75	125
n-Propylbenzene	0	25.0	24.3	97.4		70	130
2-Chlorotoluene	0	25.0	25.0	100		75	125
4-Chlorotoluene	0	25.0	26.6	106		75	130

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P805456

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0805139-02*** ***Lab Sample ID for MS :*** ***P805456-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
1,3,5-Trimethylbenzene	0	25.0	23.6	94.5		75	130
tert-Butylbenzene	0	25.0	22.9	91.6		70	130
1,2,4-Trimethylbenzene	0	25.0	23.5	94.0		75	130
sec-Butylbenzene	0	25.0	25.0	99.9		70	125
1,3-Dichlorobenzene	0	25.0	22.8	91.0		75	125
1,4-Dichlorobenzene	0	25.0	22.8	91.3		75	125
1,2-Dichlorobenzene	0	25.0	22.4	89.8		70	120
4-Isopropyltoluene	0	25.0	24.5	97.9		75	130
n-Butylbenzene	0	25.0	24.8	99.0		70	135
1,2-Dibromo-3-chloropropane	0	25.0	22.8	91.4		50	130
1,2,4-Trichlorobenzene	0	25.0	23.1	92.4		65	135
1,2,3-Trichlorobenzene	0	25.0	23.0	91.8		55	140
Hexachlorobutadiene	0	25.0	22.6	90.4		50	140
Naphthalene	0.530	25.0	23.2	90.6		55	140

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P805456

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0805148-01*** ***Lab Sample ID for MS :*** ***P805456-MS2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Dichlorodifluoromethane	0	25.0	26.3	105		30	155
Chloromethane	0	25.0	24.2	97.0		40	125
Vinyl chloride	0	25.0	25.2	101		50	145
Bromomethane	0	25.0	27.0	108		30	145
Chloroethane	0	25.0	27.0	108		60	135
Trichlorofluoromethane	0	25.0	25.6	102		60	145
1,1-Dichloroethene	0	25.0	28.0	112		70	130
Acrolein	0	125	132	106		54	142
Acetone	0	125	142	113		40	140
Acrylonitrile	0	25.0	25.9	104		71	129
Carbon disulfide	0	25.0	24.0	95.9		35	160
Methylene Chloride	0	25.0	26.0	104		55	140
trans-1,2-Dichloroethene	0	25.0	26.2	105		60	140
Vinyl acetate	0	25.0	27.1	108		72	121
Methyl tert-Butyl Ether	0	25.0	25.1	100		65	125
1,1-Dichloroethane	0	25.0	24.9	99.8		70	135
2-Butanone	0	125	127	101		30	150
cis-1,2-Dichloroethene	0	25.0	27.4	110		70	125
2,2-Dichloropropane	0	25.0	26.0	104		70	135
Bromochloromethane	0	25.0	25.2	101		65	130
Chloroform	0	25.0	25.6	102		65	135
1,1,1-Trichloroethane	0	25.0	25.9	103		65	130
1,1-Dichloropropene	0	25.0	27.0	108		75	130
Carbon Tetrachloride	0	25.0	26.0	104		65	140
1,2-Dichloroethane	0	25.0	27.2	109		70	130
Benzene	0	25.0	34.8	139	ME*	80	120
Trichloroethene	0	25.0	26.9	108		70	125
1,2-Dichloropropane	0	25.0	25.2	101		75	125
Dibromomethane	0	25.0	25.5	102		75	125
Bromodichloromethane	0	25.0	26.1	104		75	120
cis-1,3-Dichloropropene	0	25.0	27.0	108		70	130
4-Methyl-2-pentanone	0	125	136	109		60	135
Toluene	0	25.0	34.2	137	ME*	75	120
trans-1,3-Dichloropropene	0	25.0	27.4	110		55	140
1,1,2-Trichloroethane	0	25.0	25.2	101		75	125
1,3-Dichloropropane	0	25.0	24.3	97.0		75	125
Tetrachloroethene	0	25.0	21.3	85.2		45	150
2-Hexanone	0	125	126	101		55	130
Dibromochloromethane	0	25.0	25.3	101		60	135
1,2-Dibromoethane	0	25.0	24.1	96.5		80	120
Chlorobenzene	0	25.0	23.6	94.5		80	120
1,1,1,2-Tetrachloroethane	0	25.0	25.0	99.8		80	130
Ethylbenzene	1.80	25.0	30.4	115		75	125
m-Xylene/p-Xylene	0	50.0	65.6	131	ME	75	130
o-Xylene	0.340	25.0	29.9	118		80	120
Styrene	0	25.0	23.7	94.8		65	135
Bromoform	0	25.0	25.0	99.9		70	130
Isopropylbenzene	0.370	25.0	22.7	89.5		75	125
1,2,3-Trichloropropane	0	25.0	25.2	101		75	125
1,1,2,2-Tetrachloroethane	0	25.0	23.3	93.2		65	130
Bromobenzene	0	25.0	23.1	92.4		75	125
n-Propylbenzene	0	25.0	23.5	93.8		70	130
2-Chlorotoluene	0	25.0	24.2	96.8		75	125
4-Chlorotoluene	0	25.0	25.6	102		75	130

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P805456

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0805148-01*** ***Lab Sample ID for MS :*** ***P805456-MS2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
1,3,5-Trimethylbenzene	0	25.0	22.3	89.0		75	130
tert-Butylbenzene	0	25.0	22.5	90.1		70	130
1,2,4-Trimethylbenzene	0.230	25.0	28.1	111		75	130
sec-Butylbenzene	0	25.0	23.2	92.9		70	125
1,3-Dichlorobenzene	0	25.0	22.4	89.4		75	125
1,4-Dichlorobenzene	0	25.0	22.3	89.2		75	125
1,2-Dichlorobenzene	0	25.0	22.6	90.5		70	120
4-Isopropyltoluene	0	25.0	22.9	91.6		75	130
n-Butylbenzene	0	25.0	22.5	90.1		70	135
1,2-Dibromo-3-chloropropane	0	25.0	23.9	95.7		50	130
1,2,4-Trichlorobenzene	0	25.0	23.0	91.8		65	135
1,2,3-Trichlorobenzene	0	25.0	22.8	91.4		55	140
Hexachlorobutadiene	0	25.0	16.9	67.6		50	140
Naphthalene	14.8	25.0	32.4	70.4		55	140

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805456

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0805139-02*** ***Lab Sample ID for MSD*** ***P805456-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Dichlorodifluoromethane	0.620	25.0	29.2	114		6.13		30	155	30
Chloromethane	0	25.0	24.9	99.7		0.241		40	125	30
Vinyl chloride	0	25.0	25.4	101		1.23		50	145	30
Bromomethane	0	25.0	28.4	113		4.77		30	145	30
Chloroethane	0	25.0	26.5	106		1.09		60	135	30
Trichlorofluoromethane	0.520	25.0	27.5	108		4.09		60	145	30
1,1-Dichloroethene	0	25.0	28.6	114		5.21		70	130	30
Acrolein	0	125	141	113		8.19		54	142	30
Acetone	0	125	150	120		11.7		40	140	30
Acrylonitrile	0	25.0	27.2	109		4.69		71	129	30
Carbon disulfide	0	25.0	24.0	96.0		0.125		35	160	30
Methylene Chloride	0	25.0	26.5	106		0.606		55	140	30
trans-1,2-Dichloroethene	0	25.0	27.3	109		0.110		60	140	30
Vinyl acetate	0	25.0	28.2	113		5.89		72	121	30
Methyl tert-Butyl Ether	0	25.0	25.4	101		6.94		65	125	30
1,1-Dichloroethane	0	25.0	25.5	102		1.34		70	135	30
2-Butanone	0	125	132	105		9.76		30	150	30
cis-1,2-Dichloroethene	0	25.0	27.6	111		0.472		70	125	30
2,2-Dichloropropane	0	25.0	27.8	111		2.29		70	135	30
Bromochloromethane	0	25.0	26.0	104		5.49		65	130	30
Chloroform	0	25.0	26.3	105		2.70		65	135	30
1,1,1-Trichloroethane	0	25.0	26.6	106		3.96		65	130	30
1,1-Dichloropropene	0	25.0	27.9	111		5.19		75	130	30
Carbon Tetrachloride	0	25.0	27.5	110		4.15		65	140	30
1,2-Dichloroethane	0	25.0	27.6	110		3.88		70	130	30
Benzene	0	25.0	27.5	110		0.584		80	120	30
Trichloroethene	0	25.0	27.4	110		1.54		70	125	30
1,2-Dichloropropane	0	25.0	25.0	100		1.04		75	125	30
Dibromomethane	0	25.0	26.1	104		5.84		75	125	30
Bromodichloromethane	0	25.0	27.2	109		3.82		75	120	30
cis-1,3-Dichloropropene	0	25.0	27.4	110		2.77		70	130	30
4-Methyl-2-pentanone	0	125	143	115		10.6		60	135	30
Toluene	0	25.0	27.4	110		2.03		75	120	30
trans-1,3-Dichloropropene	0	25.0	27.9	112		4.77		55	140	30
1,1,2-Trichloroethane	0	25.0	25.5	102		5.03		75	125	30
1,3-Dichloropropane	0	25.0	23.9	95.6		2.07		75	125	30
Tetrachloroethene	0	25.0	21.5	86.2		0.509		45	150	30
2-Hexanone	0	125	131	105		10.3		55	130	30
Dibromochloromethane	0	25.0	25.6	102		3.82		60	135	30
1,2-Dibromoethane	0	25.0	23.4	93.6		3.04		80	120	30
Chlorobenzene	0	25.0	23.4	93.8		1.52		80	120	30
1,1,1,2-Tetrachloroethane	0	25.0	24.8	99.0		0.405		80	130	30
Ethylbenzene	0	25.0	24.0	96.0		0.125		75	125	30
m-Xylene/p-Xylene	0	50.0	51.3	103		0.136		75	130	30
o-Xylene	0	25.0	23.3	93.2		0.599		80	120	30
Styrene	0	25.0	23.4	93.6		0.0855		65	135	30
Bromoform	0	25.0	25.9	104		5.26		70	130	30
Isopropylbenzene	0	25.0	23.2	92.6		0.693		75	125	30
1,2,3-Trichloropropane	0	25.0	26.4	106		6.32		75	125	30
1,1,2,2-Tetrachloroethane	0	25.0	24.8	99.0		7.76		65	130	30
Bromobenzene	0	25.0	23.5	94.0		0.983		75	125	30
n-Propylbenzene	0	25.0	25.2	101		3.31		70	130	30
2-Chlorotoluene	0	25.0	25.2	101		0.598		75	125	30
4-Chlorotoluene	0	25.0	26.8	107		0.973		75	130	30

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805456

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Original Sample ***0805139-02*** ***Lab Sample ID for MSD*** ***P805456-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
1,3,5-Trimethylbenzene	0	25.0	23.6	94.5		0.0423		75	130	30
tert-Butylbenzene	0	25.0	23.5	94.2		2.80		70	130	30
1,2,4-Trimethylbenzene	0	25.0	23.5	94.0		0.0426		75	130	30
sec-Butylbenzene	0	25.0	26.1	104		4.27		70	125	30
1,3-Dichlorobenzene	0	25.0	23.0	92.0		1.05		75	125	30
1,4-Dichlorobenzene	0	25.0	23.2	92.6		1.44		75	125	30
1,2-Dichlorobenzene	0	25.0	23.4	93.5		4.06		70	120	30
4-Isopropyltoluene	0	25.0	25.1	100		2.38		75	130	30
n-Butylbenzene	0	25.0	25.6	102		3.26		70	135	30
1,2-Dibromo-3-chloropropane	0	25.0	24.4	97.7		6.73		50	130	30
1,2,4-Trichlorobenzene	0	25.0	24.8	99.2		7.14		65	135	30
1,2,3-Trichlorobenzene	0	25.0	24.6	98.5		7.06		55	140	30
Hexachlorobutadiene	0	25.0	23.8	95.3		5.30		50	140	30
Naphthalene	0.530	25.0	25.7	101		10.7		55	140	30

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805456

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0805148-01*** ***Lab Sample ID for MSD*** ***P805456-MSD2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Dichlorodifluoromethane	0	25.0	25.4	101		3.53		30	155	30
Chloromethane	0	25.0	24.9	99.5		2.52		40	125	30
Vinyl chloride	0	25.0	24.9	99.7		1.16		50	145	30
Bromomethane	0	25.0	20.6	82.4		27.0		30	145	30
Chloroethane	0	25.0	26.2	105		2.90		60	135	30
Trichlorofluoromethane	0	25.0	24.9	99.7		2.46		60	145	30
1,1-Dichloroethene	0	25.0	27.1	109		3.26		70	130	30
Acrolein	0	125	141	113		6.41		54	142	30
Acetone	0	125	151	121		6.34		40	140	30
Acrylonitrile	0	25.0	25.6	102		1.16		71	129	30
Carbon disulfide	0	25.0	23.7	94.8		1.17		35	160	30
Methylene Chloride	0	25.0	26.3	105		1.15		55	140	30
trans-1,2-Dichloroethene	0	25.0	25.7	103		2.00		60	140	30
Vinyl acetate	0	25.0	28.0	112		3.59		72	121	30
Methyl tert-Butyl Ether	0	25.0	25.9	104		3.21		65	125	30
1,1-Dichloroethane	0	25.0	25.0	100		0.320		70	135	30
2-Butanone	0	125	137	109		7.60		30	150	30
cis-1,2-Dichloroethene	0	25.0	27.0	108		1.58		70	125	30
2,2-Dichloropropane	0	25.0	25.2	101		3.44		70	135	30
Bromochloromethane	0	25.0	25.3	101		0.435		65	130	30
Chloroform	0	25.0	25.7	103		0.429		65	135	30
1,1,1-Trichloroethane	0	25.0	25.2	101		2.70		65	130	30
1,1-Dichloropropene	0	25.0	26.1	104		3.65		75	130	30
Carbon Tetrachloride	0	25.0	25.7	103		1.39		65	140	30
1,2-Dichloroethane	0	25.0	28.7	115		5.58		70	130	30
Benzene	0	25.0	69.8	279	ME*	67.0	*	80	120	30
Trichloroethene	0	25.0	26.3	105		2.33		70	125	30
1,2-Dichloropropane	0	25.0	25.3	101		0.634		75	125	30
Dibromomethane	0	25.0	26.4	105		3.47		75	125	30
Bromodichloromethane	0	25.0	27.1	109		3.91		75	120	30
cis-1,3-Dichloropropene	0	25.0	27.4	110		1.51		70	130	30
4-Methyl-2-pentanone	0	125	146	117		6.80		60	135	30
Toluene	0	25.0	69.9	280	ME*	68.7	*	75	120	30
trans-1,3-Dichloropropene	0	25.0	28.3	113		3.19		55	140	30
1,1,2-Trichloroethane	0	25.0	26.0	104		3.09		75	125	30
1,3-Dichloropropane	0	25.0	24.7	98.9		1.92		75	125	30
Tetrachloroethene	0	25.0	20.2	80.9		5.25		45	150	30
2-Hexanone	0	125	133	106		5.05		55	130	30
Dibromochloromethane	0	25.0	25.9	103		2.15		60	135	30
1,2-Dibromoethane	0	25.0	24.7	98.9		2.42		80	120	30
Chlorobenzene	0	25.0	22.9	91.6		3.14		80	120	30
1,1,1,2-Tetrachloroethane	0	25.0	25.0	100		0.320		80	130	30
Ethylbenzene	1.80	25.0	60.4	234	ME*	68.7	*	75	125	30
m-Xylene/p-Xylene	0	50.0	128	257	ME*	64.8	*	75	130	30
o-Xylene	0.340	25.0	59.3	236	ME*	66.5	*	80	120	30
Styrene	0	25.0	24.1	96.6		1.80		65	135	30
Bromoform	0	25.0	26.3	105		5.19		70	130	30
Isopropylbenzene	0.370	25.0	22.1	86.9		2.90		75	125	30
1,2,3-Trichloropropane	0	25.0	25.8	103		2.43		75	125	30
1,1,2,2-Tetrachloroethane	0	25.0	24.4	97.6		4.66		65	130	30
Bromobenzene	0	25.0	23.2	92.8		0.432		75	125	30
n-Propylbenzene	0	25.0	22.5	89.9		4.31		70	130	30
2-Chlorotoluene	0	25.0	24.0	95.8		1.08		75	125	30
4-Chlorotoluene	0	25.0	25.0	99.9		2.30		75	130	30

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P805456

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Original Sample ***0805148-01*** ***Lab Sample ID for MSD*** ***P805456-MSD2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
1,3,5-Trimethylbenzene	0	25.0	21.6	86.3		3.15		75	130	30
tert-Butylbenzene	0	25.0	25.1	100		10.8		70	130	30
1,2,4-Trimethylbenzene	0.230	25.0	57.7	230	ME*	69.5	*	75	130	30
sec-Butylbenzene	0	25.0	28.2	113		19.4		70	125	30
1,3-Dichlorobenzene	0	25.0	21.9	87.6		2.03		75	125	30
1,4-Dichlorobenzene	0	25.0	22.2	88.7		0.585		75	125	30
1,2-Dichlorobenzene	0	25.0	22.6	90.4		0.133		70	120	30
4-Isopropyltoluene	0	25.0	21.8	87.1		4.97		75	130	30
n-Butylbenzene	0	25.0	21.3	85.1		5.66		70	135	30
1,2-Dibromo-3-chloropropane	0	25.0	24.7	98.8		3.25		50	130	30
1,2,4-Trichlorobenzene	0	25.0	23.4	93.6		1.94		65	135	30
1,2,3-Trichlorobenzene	0	25.0	24.2	96.6		5.53		55	140	30
Hexachlorobutadiene	0	25.0	14.9	59.7		12.5		50	140	30
Naphthalene	14.8	25.0	67.0	209	ME*	99.3	*	55	140	30

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

June 27, 2008

Mr. Judson Smith
Project Chemist, CESAS-EN-GG
U.S. Army Corps of Engineers, Savannah District
100 W. Oglethorpe Ave.
P. O. Box 889
Savannah, GA 31401-0360
Phone: 912-652-5673
Fax: 912-652-5311

Dear Mr. Smith:

RE: Ft. Bragg Lamont Landfill, DO# 0109
W912HN-05-D-0013
AML Work Order Number: **0806026**

Attached, please find the hardcopy analytical report (60 total pages) for environmental samples collected by CESAS for the project described above. The analytical results included in this report relate only to the samples received by Analytical Management Laboratories (AML). Problems encountered in the analysis of these samples are documented in the laboratory case narrative observations and non-conformances and/or data qualifiers. The case narrative is an integral part of this report. This report has been paginated and may not be reproduced for distribution, except in full, without the written approval of AML. Results are reported to three significant figures; the third significant figure may be estimated. Please feel free to contact me by phone (913-829-0101-ext. 23), fax (913-829-1181) or email (mharris@amlabinc.com) if you have any questions.

Respectfully Submitted,
Analytical Management Laboratories, Inc.

Melania Harris
Project Manager

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Case Narrative

Project and Sample Information

Task order information, completed copies of the chain of custody form(s), and Analytical Management Laboratories (AML) sample condition upon receipt form (s) are included in the Project and Sample Information section. The AML laboratory information management system (LIMS)-generated sample status and receipt report, showing field sample identifiers and corresponding laboratory identifiers is also included.

Reports

The hardcopy laboratory reports and electronic data deliverables (EDDs) were prepared using the Promium Element Data System (LIMS). Under the procedure used by the laboratory, the hardcopy reports are generated using information contained in a database, which is also used to generate electronic deliverables to assure data integrity between the two media. The attached report is organized as follows:

Cover Letter
Laboratory Case Narrative
Sample Information
Sample Result Forms, organized in the following order: by test and by sample.

Quality Control (QC) Summary Reports, organized in the following order: by test, by matrix, and by QC batch number. The QC Summary for each analytical batch contains the following, when applicable:

1. QC Association Form
2. Surrogate Recovery Summary, when applicable
3. Method Blank (MB) Results
4. Laboratory Control Sample (LCS) Results
5. LCS duplicate (LCSD) Results, when available
6. LCS Recoveries Summary
7. LCSD (when applicable) Recoveries and RPD Summary
8. Matrix Spike (MS) Results
9. MS duplicate (MSD) Results
10. MS Recoveries Summary
11. MSD Recoveries and RPD Summary

Sample Result Forms
Sample results are shown on modified Form 1 equivalents with the following qualifiers:
U = Not detected or detected below method detection limit (MDL) or the limit of detection (LOD).
J = Detected above MDL or LOD but below the limit of quantitation (LOQ).

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

P = RPD >40% between primary and confirmation column results for dual column chromatographic methods (e.g. GC and HPLC methods).
E = Detected at levels in excess of the upper calibration limit.
B = Detected in the associated method blank
Q1 = The %D or %Drift for the associated CCV is outside the method and/or laboratory established QC limit with a high bias.
Q2 = The %D or %Drift for the associated CCV is outside the method and/or laboratory established QC limit with a low bias.
* = Exceeds QC limits
ME = Marginal exceedence of the 3-sigma QC limits
ME* = Exceedence of the 4-sigma QC limits
X = as defined in the case narrative when utilized

The LODs and LOQs have been adjusted for sample weight or volume, dilution, and percent solids, when applicable. MDLs are statistically defined, instrument-specific quantities, which are used as LODs for some tests. For situations when multiple MDLs exist for a test (e.g several instruments running the same test on a given matrix) or when MDLs are unachievable on a routine basis, LODs, which may be greater than MDL but typically one-half of the applicable LOQs are used to define cut-off points for reporting positive results. The LOQs are typically the lowest point on the initial calibration curve.

Quantitative results for analytes detected in the sample (positive results) are shown under the column labeled "Result". Results coded with the qualifier E should not be used unless additional analyses were unavailable due to other limitations. Data coded as E should not be compared to other data since non-linearity in calibration may be a severe problem for some analytes. Multiple sample result forms may be provided for one or more of the following reasons:
Sample was reanalyzed for surrogate or internal standard recovery outliers;
Sample was reanalyzed at a dilution;
One of the analyses was performed outside holding times;
A replicate analysis was performed for other quality control purposes;
Client requirements

QC Association Forms

The list consisting of MB, LCS, LCSD (if any), MS (whenever available), MSD (whenever available), and field samples from the reported AML work order that are associated with each QC batch are shown on QC Association Forms. Additional items such as PDS, SD may be included for some parameters (e.g metals). Separate forms are included for each QC batch, for each matrix and test.

Surrogate Recovery Forms

A summary of the system monitoring compound recoveries for organic analyses is included in this section. The QC limits from the Department of Defense Quality Systems Manual for Environmental Laboratories, Final Version 3, January 2006 is used in the reports, when available.

Method-specified limits or in-house limits are used as applicable. Corrective action involving re-extraction and/or reanalysis is performed for samples that exceed the surrogate QC limits.

Method Blank Result Forms

The QC limit for the Method Blank is set at one half of the applicable LOQ for each target analyte with the exception of common laboratory contaminants, which is set at the LOQ.

Laboratory Control Sample (LCS) Report Forms

Laboratory control samples were analyzed with each QC batch as described in the QC Association Form. Laboratory Control sample limits are set as a default to the DOD QSM limits when available. When the 3-sigma control limit is exceeded for any analyte, the LCS report is flagged "ME". The total number of method analytes, and the number of ME analytes are tracked and compared against the number allowed per NELAC and the DOD QSM. This information is summarized at the bottom of the recoveries summary reports. Analytes with LCS recoveries that exceed the 4-sigma limits are flagged ME* and reanalysis may be required for the affected analyte if it is a contaminant of concern. The relative percent differences (RPDs) for the LCS duplicates, a voluntary laboratory QC parameter, are computed to track in-house precision for method duplicates.

Matrix Spike/Matrix Spike Duplicate Recoveries Report Forms

The MS/MSD results are shown in Form-1 equivalents. See section on LCS for additional details. The RPDs for MS duplicates that are outside the applicable QC limits are flagged with an asterisk (*). The effect of matrix is taken into account in determining corrective action procedures based on MS and MSD results, recoveries, and RPD.

Calibration

Instruments were calibrated in accordance with applicable method. Deviations are noted as a non-conformance. Copies of initial calibration and calibration verification summaries and associated raw data will be maintained in laboratory files and made available for detailed client review.

Test Methods and Holding Times

Analyses were performed within applicable holding times except as noted on sample reports. See parameter specific non-conformances for more information.

Batch-specific Quality Control Procedures

Quality control data from method blanks and laboratory control samples are used as batch QC elements. In accordance with EPA, USACE, and DoD guidelines, QC data from matrix spikes are used as matrix-specific QC elements and QC data from surrogates, internal standard areas, etc. are used as sample-specific QC elements. When the batch QC elements are outside their QC limits, results for associated samples are evaluated and corrective actions that affect the entire sample set are performed.

Matrix-specific or Sample-specific Quality Control Procedures

Sample concentrations exceeding the upper calibration limit, surrogate recoveries outside the QC limits, calibration parameters not within QC limits, etc. are used as sample-specific and/or sample-group specific QC elements for one or more associated samples during instrumental analysis. Serial dilution, standard addition, MS recoveries, etc. are used as matrix-specific QC elements for one or more associated samples. When these QC elements are outside their QC limits, associated individual sample results are evaluated and appropriate corrective actions are performed.

Manual Integration

Manual integration operations that have potential to improve accuracy of analysis are performed, as necessary (shown with an "M" flag on raw data) based on visual inspection of peak shapes for each target analyte. Such operations are technically defensible and they are not aimed at meeting the minimum technical requirements of the analytical procedure.

Statement

To the best of our knowledge, this data package is in compliance with the client terms and conditions, both technically and for completeness. Non-conformances are listed in the case narrative and/or data qualifiers for each parameter tested.

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Project Information

Two (2) samples were received by AML on June 6, 2008 and logged in according to the Sample Status and Receipt Report included in this report. Reference the chain of custody and Sample Condition upon receipt Report for any non-conformances on receipt condition and temperature upon receipt.

Observations and Non-Conformances

Metals by method 6020A

There were no observations or non-conformances to report for this analysis.

Mercury by method 7470A

Batch P806033 – Post Digestion Spike recovery was outside QC limits biased high as flagged on the summary report. The MS/MSD was within QC limits; thus no corrective action is required and data is reported.

Nitrate method 300.0

Both preserved and unpreserved containers for Nitrate were received, AML analyzed Nitrate by method 300.0 utilizing the unpreserved sample aliquot. Sample was analyzed within the 48 hour analytical holding time.

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Field Sample Information

(Chain of Custody Record, Sample Receipt Report, Condition Upon Receipt Report)

0806026

(Sample Delivery Group, SDG)

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS

OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, AND 30

1. REQUISITION NUMBER: W33SJG81226549

2. CONTRACT NO.	3. AWARD/EFFECTIVE DATE	4. ORDER NUMBER	5. SOLICITATION NUMBER	6. SOLICITATION ISSUE DATE
W912HN-05-D-0013	13-May-2008	0109		

7. FOR SOLICITATION INFORMATION CALL:	a. NAME	b. TELEPHONE NUMBER *(No Collect Calls)*	8. OFFER DUE DATE/LOCAL TIME

9. ISSUED BY CODE W912HN

US ARMY ENGINEER DISTRICT SAVANNAH
100 W OGLETHORPE AVENUE
SAVANNAH GA 31401-3640

TEL:
FAX:

10. THIS ACQUISITION IS

- [ ] UNRESTRICTED
- [X] SET ASIDE: 100 % FOR
  - [ ] SMALL BUSINESS
  - [ ] HUBZONE SMALL BUSINESS
  - [X] 8(A)

NAICS: 541380
SIZE STANDARD: $5 million

11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED

- [ ] SEE SCHEDULE

12. DISCOUNT TERMS

Net 30 Days

- [ ] 13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)

13b. RATING

14. METHOD OF SOLICITATION

- [ ] RFQ
- [ ] IFB
- [ ] RFP

15. DELIVER TO CODE K6L0NE0

EN-GG GEO/HYDROG & HTRW DESIGN
100 W. OGLETHORPE AVE PO BOX 889
SAVANNAH GA 31402

16. ADMINISTERED BY CODE

SEE ITEM 9

17a. CONTRACTOR/OFFEROR CODE 1LE38

ANALYTICAL MANAGEMENT LABS, INC
TENKAFI VISWANATHAN
15130 SOUTH KEELER, SUITE B
OLATHE KS 66062

TEL. (913) 829-0101 EXT 26

FACILITY CODE

18a. PAYMENT WILL BE MADE BY CODE DFAS

US ARMY CORPS OF ENGRS FINANCE CENTER
CEFC-AO-P
5720 INTEGRITY DRIVE
MILLINGTON TN 38054-5005

- [ ] 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER

18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a. UNLESS BLOCK BELOW IS CHECKED [ ] SEE ADDENDUM

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	SEE SCHEDULE				

25. ACCOUNTING AND APPROPRIATION DATA

See Schedule

26. TOTAL AWARD AMOUNT (For Govt. Use Only)

$24,791.10

- [ ] 27a SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1. 52.212-4. FAR 52.212-3. 52.212-5 ARE ATTACHED. ADDENDA [ ] ARE [ ] ARE NOT ATTACHED
- [ ] 27b CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA [ ] ARE [ ] ARE NOT ATTACHED

28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 0 COPIES

- [ ] TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.

29. AWARD OF CONTRACT: REFERENCE

- [ ] OFFER DATED . YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:

30a. SIGNATURE OF OFFEROR/CONTRACTOR

31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER)

31c. DATE SIGNED: 16-May-2008

30b. NAME AND TITLE OF SIGNER *(TYPE OR PRINT)*

30c. DATE SIGNED

31b. NAME OF CONTRACTING OFFICER *(TYPE OR PRINT)*

LANEY PARKER / CONTRACT SPECIALIST

TEL: 912/652-5654 EMAIL: elaine.d.parker@usace.army.mil

AUTHORIZED FOR LOCAL REPRODUCTION
PREVIOUS EDITION IS NOT USABLE

STANDARD FORM 1449 (REV 4/2002)
Prescribed by GSA
FAR (48 CFR) 53.212

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	SEE SCHEDULE				

32a. QUANTITY IN COLUMN 21 HAS BEEN

☐ RECEIVED ☐ INSPECTED ☐ ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: _____

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32c. DATE	32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE

32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE
	32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE

33. SHIP NUMBER	34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT	37. CHECK NUMBER
☐ PARTIAL ☐ FINAL			☐ COMPLETE ☐ PARTIAL ☐ FINAL	

38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NUMBER	40. PAID BY

41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT		42a. RECEIVED BY *(Print)*	
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER	41c. DATE	42b. RECEIVED AT *(Location)*	
		42c. DATE REC'D *(YY/MM/DD)*	42d. TOTAL CONTAINERS

Section SF 1449 - CONTINUATION SHEET

CLIN	Description	Qty	U/I	U/P	TOTAL
0004AG	Organochlorine Pesticides by GC (EPA 8081A), Includes Separatory Extraction (EPA 3510C) and Florisil Cleanup (EPA 3620B), Aqueous	14	ea	$ 160.00	$ 2,240.00
0004AJ	Polychlorinated Biphenyls (PCBs) (EPA 8082) Includes Separatory Extraction (EPA 3510C) and Florisil Cleanup (EPA 3620B), Aqueous	14	ea	$ 135.00	$ 1,890.00
0004AP	Organophosphorous Pesticides by GC (EPA 8141A), Includes Separatory Extraction (EPA 3510C), Aqueous	14	ea	$ 175.00	$ 2,450.00
0004AT	Volatile Organic Compounds (EPA 8260B) Includes Purge and Trap (EPA 5030B), Aqueous	33	ea	$ 180.00	$ 5,940.00
0004AX	Semi-Volatile Organic Compounds (SVOCs) by GC/MS (EPA 8270C) Includes Separatory Extraction (EPA 3510C), Aqueous	14	ea	$ 330.00	$ 4,620.00
0005AB	Appendix I Metals (40 CFR 258) Includes Sample Preparation, Aqueous	19	ea	$ 125.00	$ 2,375.00
0006AB	Appendix II Inorganics (40 CFR 258) Includes Sample Preparation, Aqueous	14	ea	$ 235.00	$ 3,290.00
0010AD	Metals by ICP/MS per Metal (EPA 6020A) Includes Preparation (Al, Sb, As, Ba, Be, B, Cd, Ca, Ce, Cs, Cr, Co, Cu, Au, Fe, Pb, Li, Mg, Mn, Hg, Mo, Ni, Pd, P, Pt, K, Fe, Si, Ag, Se, Na, Sr, Tl, Sn, Ti, U, V, and Zn), Aqueous	8	ea	$ 30.00	$ 240.00
0010BE	Standard Method 3030C, Aqueous	41	ea	$ 10.00	$ 410.00
0010CR	Nitrate (EPA 352.1), Aqueous	34	ea	$ 25.00	$ 850.00
0014AB	PDF Copy of Final Report	1	LS	2%	$ 486.10
				TOTAL	$ 24,791.10

Testing and Analysis for Longstreet/Lamont Landfill at Ft Bragg, NC

1. The quantities listed above are estimated, however, the total amount of this Task Order shall not exceed $24,791.10

2. ACCOUNTING DATA:
21 NA 2008 2020.0000 K6 2008 08 8021 13105615000 09133 3230 94KF8K NA LKH435

3. Receipt of this Task Order is YOUR NOTICE TO PROCEED.

4. Bottles/Coolers and trip blanks will be ordered as needed. Sample containers are required by 15 May 2008. Five sets of trip blank are required. Delivery of sample bottles and coolers will be coordinated by Savannah District's CESAS-EN-GG/Judson Smith/912-652-5673 or John Coombs/912-652-5671 . Work will be completed by 30 September 2008.

5. Reports due: 3 weeks after receipt of samples.

6. Reports and Invoices are to be sent to:
   US Army Corps of Engineers, Savannah District
   ATTN: CESAS-EN-GG/Judson Smith
   P.O. Box 889 (31402-0889)
   100 W. Oglethorpe Ave.
   Savannah, GA 31401

7. Chemist: Judson Smith: 912-652-5673.

AML
Analytical Management Laboratories, Inc.
15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

42724

Chain of Custody Record / Request for Analysis

Client Contact Name: JUD SMITH
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W OGLETHORPE AVE
City, State, Zip: SAVANNAH GA 31407
Phone #: (912) 652-5673 Ext:
Fax #: (912) 652-5311
Email:

Project Name: LAMONT LF FT BRAGG
Project Number:
Purchase Order Number: DO 109
Project Due Date:
Project Comments:
Print Sampler's Name: JOU COOMBS

Analysis/Method to be Performed (Check all that apply)

Laboratory Project Number: 0806026

Specify method # ---> Metals (specify): 6010B; Anions (specify): 300.0

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4°C	1QR	VOCs	SVOCs	Pesticides	PCBs	Herbicides	Metals (specify)	DRO	GRO	Explosives	Anions (specify)	NITRATE	NITRITE				Comments:
0806026-01	LMW-6-5-08	6/5/08	1130	AQ	3		1		1			1						1					1	1				
0806026-02	LMW-7-5-08	6/5/08	1600	AQ	3		1		1			1						1					1	1				RAN DRY 0925 SAMPLED 1600
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												

Please include any information that may be useful in the analysis of the sample.
Example: high concentration
List analytes
MS/MSD

CUSTODY						
Relinquished By:	[signature]	Date/Time:	6/5/08 1800	Received By:	SHIPPER	Date/Time: 6/5/08 1800
Relinquished By:		Date/Time:		Received By:	[signature]	Date/Time: 6/6/08 1120am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier FedEx ☐ Airbill #: 8425 9197 2927	☑ Yes ☐ No ☐ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	2.0 °C ☐ Temp. Blank ☑ Cooler	

Analytical Management Laboratories - Sample Status and Receipt Report

AML Project Number 0806026

Work Order Due Date 06/20/08

Work Order TAT 14

Client AML ID USACE Savannah

Report Lvl. 3

Client Project ID Lamont Landfill, Ft Bragg, NC, DO# 109

AML Sample	*Matrix*	Client Sample ID	Date Collected	Projected Analytical Due Date	Analysis	Comments
0806026-01	Water	LMW-6-5-08	06/05/08 11:30	06/18/08	Metals, Hg by 7470A ✓	
0806026-01	Water	LMW-6-5-08	06/05/08 11:30	06/18/08	NO2 and NO3 by 300.0 ✓	Nitrate
0806026-01	Water	LMW-6-5-08	06/05/08 11:30	06/18/08	Metals by 6010B ✓	Appendix I Metals
0806026-01	Water	LMW-6-5-08	06/05/08 11:30	06/18/08	Metals by 6020A ✓	Appendix I Metals
0806026-02	Water	LMW-7-5-08	06/05/08 16:00	06/18/08	Metals, Hg by 7470A	
0806026-02	Water	LMW-7-5-08	06/05/08 16:00	06/18/08	NO2 and NO3 by 300.0	Nitrate
0806026-02	Water	LMW-7-5-08	06/05/08 16:00	06/18/08	Metals by 6010B	Appendix I Metals
0806026-02	Water	LMW-7-5-08	06/05/08 16:00	06/18/08	Metals by 6020A	Appendix I Metals

Analytical Management Laboratories, Inc.

AML - Sample Condition Upon Receipt Report
(See Comments for exceptions)

Client ID: USACE_Sav

AML Work Order Number: 0806026

Project ID: Lamont Landfill, Ft Bragg, NC, DO#

Cooler ID: AML7

Delivery Method

Delivery Method: Fed Ex

Name of Person Receiving Samples: Nissa Said

Airbill Number: 842591972927

Custody Seals

Were Custody Seals Present? Yes

Cooler Opened By: Nissa Said

Were Custody Seals Intact? Yes

Date Opened 6/6/2008

Packaging / Coolant / Temperature

Type of Coolant Used: Ice

Temperature of Cooler: 2.00°C

Type of Packing Used: Bubble Wrap

Did all the bottles arrive unbroken? Yes

Were all bottles sealed in separate plastic bags? Yes

Chain of Custody

Was Chain of Custody filled out properly? Yes

Do Chain of Custody and Sample Labels agree? Yes

Comments/ Exceptions

Were all sample labels complete? Yes

Was a sufficient amount of sample sent for analysis? Yes

Were samples received in proper containers? Yes

Were air bubbles absent in VOA samples? NA

Was sample pH within QC limits? Yes
(if no see comments)

Was project manager contacted about any "out of control" issues? Yes

Samples Received by: Nissa Said

Project Manager Review: RES

Date: 06/06/08

See back for peel and stick application instructions.

RECIPIENT: PEEL HERE

FedEx Express USA Airbill

FedEx Tracking Number 8425 9197 2927

MVR21

Form I.D. No. 0215 Recipient's Copy

1 From This portion can be removed for Recipient's records.

Date 6/09/08 FedEx Tracking Number 842591972927

Sender's Name JOD SMITH Phone 912 652-9673

Company UNITED STATES ARMY CORP OF ENG

Address 100 W OGLETHORPE AVE

Dept./Floor/Suite/Room

City SAVANNAH State GA ZIP 31401-3604

2 Your Internal Billing Reference

3 To

Recipient's Name SAMPLE RECEIVING Phone 913 629-0101

Company ANALYTICAL MANAGEMENT LABORATORIES

Address 15130 S. KEELER

To "HOLD" at FedEx location, print FedEx address. We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

Dept./Floor/Suite/Room

City OLATHE State KS ZIP 66062

8425 9197 2927

0254487721

4a Express Package Service *Packages up to 150 lbs.* Delivery commitment may be later in some areas

- [x] FedEx Priority Overnight — Next business morning
- [ ] FedEx Standard Overnight — Next business afternoon
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations
- [ ] FedEx 2Day — Second business day
- [ ] FedEx Express Saver — Third business day

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service *Packages over 150 lbs.* Delivery commitment may be later in some area.

- [ ] FedEx 1Day Freight* — Next business day
- [ ] FedEx 2Day Freight — Second business day
- [ ] FedEx 3Day Freight — Third business day

* Call for Confirmation:

5 Packaging * Declared value limit $500

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [x] Other

6 Special Handling Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** — Available only for FedEx Priority Overnight and FedEx 2Day to select ZIP codes
- [ ] **HOLD Weekday** at FedEx Location — Not available for FedEx First Overnight
- [ ] **HOLD Saturday** at FedEx Location — Available only for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous Goods (including Dry Ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

[redacted]

Total Packages	Total Weight		Total Charges
1	6 lbs	[redacted]	Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the *FedEx Service Guide* for details.

8 Release Signature *Sign to authorize delivery without obtaining signature.*

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

Questions? Visit our Web site at fedex.com or call 1.800.Go.FedEx® 800.463.3339.

SRF • Rev. Date 4/02 • Part #157605 • ©1994–2002 FedEx • PRINTED IN U.S.A.

447

Field Sample Analysis Data Sheets

(Form I equivalents)

0806026

(Sample Delivery Group, SDG)

6020A

(Parameter)

P806139

(Analytical Batch)

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-6-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806026-01
% Solids:	NA	Date Collected:	06/05/08 11:30
Analytical Method:	6020A	Date Analyzed:	06/09/08 15:10
Preparation:	SM3030C	Date Received:	06/06/08 11:20
Batch:	P806139	Date Leached:	NA
Leach Method:		Date Prepared:	06/07/08 13:58

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium	49.2	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium	7.82	ug/L		2.50	5.00	1
7440-48-4	Cobalt	0.925	ug/L	J	0.500	1.00	1
7440-50-8	Copper	2.70	ug/L	J	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel	2.06	ug/L		1.00	2.00	1
7782-49-2	Selenium	2.99	ug/L	J	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-31-5	Tin		ug/L	U	2.50	5.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc	10.1	ug/L		5.00	10.0	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-7-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806026-02
% Solids:	NA	Date Collected:	06/05/08 16:00
Analytical Method:	6020A	Date Analyzed:	06/09/08 15:46
Preparation:	SM3030C	Date Received:	06/06/08 11:20
Batch:	P806139	Date Leached:	NA
Leach Method:		Date Prepared:	06/07/08 13:58

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium	5.48	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium	7.18	ug/L		2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel	2.42	ug/L		1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-31-5	Tin		ug/L	U	2.50	5.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc	10.9	ug/L		5.00	10.0	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806026

(Sample Delivery Group, SDG)

7470A

(Parameter)

P806156

(Analytical Batch)

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-6-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806026-01
% Solids:	NA	Date Collected:	06/05/08 11:30
Analytical Method:	7470A	Date Analyzed:	06/13/08 16:43
Preparation:	EPA 7470A Prep	Date Received:	06/06/08 11:20
Batch:	P806156	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-7-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806026-02
% Solids:	NA	Date Collected:	06/05/08 16:00
Analytical Method:	7470A	Date Analyzed:	06/13/08 16:45
Preparation:	EPA 7470A Prep	Date Received:	06/06/08 11:20
Batch:	P806156	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806026

(Sample Delivery Group, SDG)

300.0

(Parameter)

P806142

(Analytical Batch)

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-6-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	0806026-01
% Solids:	NA	Date Collected:	06/05/08 11:30
Analytical Method:	300.0	Date Analyzed:	06/07/08 00:38
Preparation:	300.0	Date Received:	06/06/08 11:20
Batch:	P806142	Date Leached:	NA
Leach Method:		Date Prepared:	06/06/08 12:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	1.41	mg/L		0.0570	0.113	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-7-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	0806026-02
% Solids:	NA	Date Collected:	06/05/08 16:00
Analytical Method:	300.0	Date Analyzed:	06/07/08 00:59
Preparation:	300.0	Date Received:	06/06/08 11:20
Batch:	P806142	Date Leached:	NA
Leach Method:		Date Prepared:	06/06/08 12:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	0.128	mg/L		0.0570	0.113	1

Note:

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806026

(Sample Delivery Group, SDG)

6020A

(Parameter)

P806139

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** METALS

QC Batch: P806139 **Method:** 6020A

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/9/08	6/7/08	0806026-01		SAMPLE	0806026
6/9/08	6/7/08	0806026-02		SAMPLE	0806026
6/9/08	6/9/08	8F09007-SRD1	0806026-01	Serial Dilution	0806026
6/9/08	6/7/08	P806139-BLK1		Method Blank	0806026
6/9/08	6/7/08	P806139-BS1		LCS	0806026
6/9/08	6/7/08	P806139-BSD1		LCS Dup	0806026
6/9/08	6/7/08	P806139-MS1	0806026-01	Matrix Spike	0806026
6/9/08	6/7/08	P806139-MSD1	0806026-01	Matrix Spike Dup	0806026
6/9/08	6/7/08	P806139-PS1	0806026-01	Post Spike	0806026

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806139-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	06/09/08 14:48
Preparation:	SM3030C	Date Received:	
Batch:	P806139	Date Prepared:	06/07/08 13:58

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium		ug/L	U	0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium		ug/L	U	2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel		ug/L	U	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-31-5	Tin		ug/L	U	2.50	5.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc		ug/L	U	5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806139-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	06/09/08 16:35
Preparation:	SM3030C	Date Received:	
Batch:	P806139	Date Prepared:	06/07/08 13:58

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	47.5	ug/L		0.500	1.00	1
7440-38-2	Arsenic	51.9	ug/L		1.00	2.00	1
7440-39-3	Barium	491	ug/L		0.500	1.00	1
7440-41-7	Beryllium	53.4	ug/L		0.500	1.00	1
7440-43-9	Cadmium	48.2	ug/L		0.500	1.00	1
7440-47-3	Chromium	54.1	ug/L		2.50	5.00	1
7440-48-4	Cobalt	46.1	ug/L		0.500	1.00	1
7440-50-8	Copper	47.5	ug/L		2.50	5.00	1
7439-92-1	Lead	490	ug/L		0.500	1.00	1
7440-02-0	Nickel	48.2	ug/L		1.00	2.00	1
7782-49-2	Selenium	50.8	ug/L		2.00	4.00	1
7440-22-4	Silver	46.9	ug/L		0.500	1.00	1
7440-28-0	Thallium	49.2	ug/L		0.500	1.00	1
7440-31-5	Tin	94.0	ug/L		2.50	5.00	1
7440-62-2	Vanadium	52.9	ug/L		2.50	5.00	1
7440-66-6	Zinc	202	ug/L		5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806139-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	06/09/08 16:43
Preparation:	SM3030C	Date Received:	
Batch:	P806139	Date Prepared:	06/07/08 13:58

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	48.5	ug/L		0.500	1.00	1
7440-38-2	Arsenic	51.3	ug/L		1.00	2.00	1
7440-39-3	Barium	489	ug/L		0.500	1.00	1
7440-41-7	Beryllium	54.0	ug/L		0.500	1.00	1
7440-43-9	Cadmium	49.4	ug/L		0.500	1.00	1
7440-47-3	Chromium	53.1	ug/L		2.50	5.00	1
7440-48-4	Cobalt	47.3	ug/L		0.500	1.00	1
7440-50-8	Copper	47.5	ug/L		2.50	5.00	1
7439-92-1	Lead	496	ug/L		0.500	1.00	1
7440-02-0	Nickel	47.5	ug/L		1.00	2.00	1
7782-49-2	Selenium	51.5	ug/L		2.00	4.00	1
7440-22-4	Silver	47.5	ug/L		0.500	1.00	1
7440-28-0	Thallium	48.3	ug/L		0.500	1.00	1
7440-31-5	Tin	96.5	ug/L		2.50	5.00	1
7440-62-2	Vanadium	52.1	ug/L		2.50	5.00	1
7440-66-6	Zinc	200	ug/L		5.00	10.0	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806139

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806139-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Antimony	50.0	47.5	94.9		80	120
Arsenic	50.0	51.9	104		80	120
Barium	500	491	98.2		80	120
Beryllium	50.0	53.4	107		80	120
Cadmium	50.0	48.2	96.4		80	120
Chromium	50.0	54.1	108		80	120
Cobalt	50.0	46.1	92.2		80	120
Copper	50.0	47.5	95.1		80	120
Lead	500	490	98.1		80	120
Nickel	50.0	48.2	96.5		80	120
Selenium	50.0	50.8	102		80	120
Silver	50.0	46.9	93.7		80	120
Thallium	50.0	49.2	98.4		80	120
Tin	100	94.0	94.0		80	120
Vanadium	50.0	52.9	106		80	120
Zinc	200	202	101		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 16

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806139

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806139-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Antimony	50.0	48.5	96.9		80	120	2.09
Arsenic	50.0	51.3	103		80	120	1.23
Barium	500	489	97.9		80	120	0.362
Beryllium	50.0	54.0	108		80	120	1.21
Cadmium	50.0	49.4	98.8		80	120	2.45
Chromium	50.0	53.1	106		80	120	1.88
Cobalt	50.0	47.3	94.6		80	120	2.62
Copper	50.0	47.5	95.0		80	120	0.0515
Lead	500	496	99.2		80	120	1.12
Nickel	50.0	47.5	95.0		80	120	1.52
Selenium	50.0	51.5	103		80	120	1.43
Silver	50.0	47.5	95.0		80	120	1.30
Thallium	50.0	48.3	96.6		80	120	1.83
Tin	100	96.5	96.5		80	120	2.62
Vanadium	50.0	52.1	104		80	120	1.55
Zinc	200	200	100		80	120	0.659

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 16

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806139-MS1
% Solids:	NA	Date Collected:	06/05/08 11:30
Analytical Methdod:	6020A	Date Analyzed:	06/09/08 15:22
Preparation:	SM3030C	Date Received:	06/06/08 11:20
Batch:	P806139	Date Prepared:	06/07/08 13:58

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	48.2	ug/L		0.500	1.00	1
7440-38-2	Arsenic	51.6	ug/L		1.00	2.00	1
7440-39-3	Barium	501	ug/L		0.500	1.00	1
7440-41-7	Beryllium	53.9	ug/L		0.500	1.00	1
7440-43-9	Cadmium	49.9	ug/L		0.500	1.00	1
7440-47-3	Chromium	60.2	ug/L		2.50	5.00	1
7440-48-4	Cobalt	46.9	ug/L		0.500	1.00	1
7440-50-8	Copper	48.6	ug/L		2.50	5.00	1
7439-92-1	Lead	478	ug/L		0.500	1.00	1
7440-02-0	Nickel	47.4	ug/L		1.00	2.00	1
7782-49-2	Selenium	56.7	ug/L		2.00	4.00	1
7440-22-4	Silver	50.9	ug/L		0.500	1.00	1
7440-28-0	Thallium	46.4	ug/L		0.500	1.00	1
7440-31-5	Tin	94.1	ug/L		2.50	5.00	1
7440-62-2	Vanadium	46.3	ug/L		2.50	5.00	1
7440-66-6	Zinc	210	ug/L		5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806139-MSD1
% Solids:	NA	Date Collected:	06/05/08 11:30
Analytical Methdod:	6020A	Date Analyzed:	06/09/08 15:30
Preparation:	SM3030C	Date Received:	06/06/08 11:20
Batch:	P806139	Date Prepared:	06/07/08 13:58

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	47.9	ug/L		0.500	1.00	1
7440-38-2	Arsenic	51.8	ug/L		1.00	2.00	1
7440-39-3	Barium	501	ug/L		0.500	1.00	1
7440-41-7	Beryllium	52.5	ug/L		0.500	1.00	1
7440-43-9	Cadmium	49.8	ug/L		0.500	1.00	1
7440-47-3	Chromium	60.0	ug/L		2.50	5.00	1
7440-48-4	Cobalt	47.5	ug/L		0.500	1.00	1
7440-50-8	Copper	48.7	ug/L		2.50	5.00	1
7439-92-1	Lead	469	ug/L		0.500	1.00	1
7440-02-0	Nickel	48.3	ug/L		1.00	2.00	1
7782-49-2	Selenium	56.6	ug/L		2.00	4.00	1
7440-22-4	Silver	50.9	ug/L		0.500	1.00	1
7440-28-0	Thallium	46.5	ug/L		0.500	1.00	1
7440-31-5	Tin	94.7	ug/L		2.50	5.00	1
7440-62-2	Vanadium	45.4	ug/L		2.50	5.00	1
7440-66-6	Zinc	213	ug/L		5.00	10.0	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806139

Fraction: METALS Matrix: Water

Units: ug/L

Original Sample ***0806026-01*** ***Lab Sample ID for MS :*** ***P806139-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Antimony	0	50.0	48.2	96.4		75	125
Arsenic	0	50.0	51.6	103		75	125
Barium	49.2	500	501	90.4		75	125
Beryllium	0	50.0	53.9	108		75	125
Cadmium	0	50.0	49.9	99.7		75	125
Chromium	7.82	50.0	60.2	105		75	125
Cobalt	0.925	50.0	46.9	91.9		75	125
Copper	2.70	50.0	48.6	91.8		75	125
Lead	0	500	478	95.6		75	125
Nickel	2.06	50.0	47.4	90.7		75	125
Selenium	2.99	50.0	56.7	107		75	125
Silver	0	50.0	50.9	102		75	125
Thallium	0	50.0	46.4	92.9		75	125
Tin	0	100	94.1	94.1		75	125
Vanadium	0	50.0	46.3	92.6		75	125
Zinc	10.1	200	210	100		75	125

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806139

Fraction: METALS Matrix: Water

Units: ug/L

Original Sample ***0806026-01*** ***Lab Sample ID for MSD*** ***P806139-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Antimony	0	50.0	47.9	95.9		0.496		75	125	20
Arsenic	0	50.0	51.8	104		0.282		75	125	20
Barium	49.2	500	501	90.4		0.0251		75	125	20
Beryllium	0	50.0	52.5	105		2.52		75	125	20
Cadmium	0	50.0	49.8	99.6		0.0898		75	125	20
Chromium	7.82	50.0	60.0	104		0.378		75	125	20
Cobalt	0.925	50.0	47.5	93.2		1.35		75	125	20
Copper	2.70	50.0	48.7	92.0		0.198		75	125	20
Lead	0	500	469	93.8		1.96		75	125	20
Nickel	2.06	50.0	48.3	92.4		1.78		75	125	20
Selenium	2.99	50.0	56.6	107		0.222		75	125	20
Silver	0	50.0	50.9	102		0.0703		75	125	20
Thallium	0	50.0	46.5	93.0		0.133		75	125	20
Tin	0	100	94.7	94.7		0.694		75	125	20
Vanadium	0	50.0	45.4	90.8		2.02		75	125	20
Zinc	10.1	200	213	101		1.35		75	125	20

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Post Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806139-PS1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	6020A	Date Collected:	06/05/08 11:30
Preparation:	SM3030C	Date Analyzed:	06/09/08 15:37
Batch:	P806139	Date Received:	06/06/08 11:20

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	48.8	ug/L		0.500	1.00	1
7440-38-2	Arsenic	53.2	ug/L		1.00	2.00	1
7440-39-3	Barium	517	ug/L		0.500	1.00	1
7440-41-7	Beryllium	54.0	ug/L		0.500	1.00	1
7440-43-9	Cadmium	51.1	ug/L		0.500	1.00	1
7440-47-3	Chromium	60.2	ug/L		2.50	5.00	1
7440-48-4	Cobalt	48.5	ug/L		0.500	1.00	1
7440-50-8	Copper	50.8	ug/L		2.50	5.00	1
7439-92-1	Lead	493	ug/L		0.500	1.00	1
7440-02-0	Nickel	50.4	ug/L		1.00	2.00	1
7782-49-2	Selenium	59.0	ug/L		2.00	4.00	1
7440-22-4	Silver	51.2	ug/L		0.500	1.00	1
7440-28-0	Thallium	48.3	ug/L		0.500	1.00	1
7440-31-5	Tin	96.0	ug/L		2.50	5.00	1
7440-62-2	Vanadium	47.0	ug/L		2.50	5.00	1
7440-66-6	Zinc	218	ug/L		5.00	10.0	1

Form 5B - Equivalent

POST DIGESTION SPIKE SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc.

Fraction: METALS

Analytical Batch: 8F09007

Prep Batch: P806139

COMPOUND	Original Amount	SPIKE ADDED	PDS Amount	PDS % REC	PDS % REC FLAG	QC. LIMITS LCL	QC. LIMITS UCL
Antimony	ND	50.0	48.8	97.5		75	125
Arsenic	ND	50.0	53.2	106		75	125
Barium	49.2	500	517	93.6		75	125
Beryllium	ND	50.0	54.0	108		75	125
Cadmium	ND	50.0	51.1	102		75	125
Chromium	7.82	50.0	60.2	105		75	125
Cobalt	0.925	50.0	48.5	95.2		75	125
Copper	2.70	50.0	50.8	96.1		75	125
Lead	ND	500	493	98.5		75	125
Nickel	2.06	50.0	50.4	96.6		75	125
Selenium	2.99	50.0	59.0	112		75	125
Silver	ND	50.0	51.2	102		75	125
Thallium	ND	50.0	48.3	96.6		75	125
Tin	ND	100	96.0	96.0		75	125
Vanadium	ND	50.0	47.0	93.9		75	125
Zinc	10.1	200	218	104		75	125

* Values outside of QC limits

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Serial Dilution
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	8F09007-SRD1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	6020A	Date Collected:	06/05/08 11:30
Preparation:	P806139	Date Analyzed:	06/09/08 15:16
Batch:	8F09007	Date Received:	06/06/08 11:20

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	2.50	5.00	5
7440-38-2	Arsenic		ug/L	U	5.00	10.0	5
7440-39-3	Barium	48.1	ug/L		2.50	5.00	5
7440-41-7	Beryllium		ug/L	U	2.50	5.00	5
7440-43-9	Cadmium		ug/L	U	2.50	5.00	5
7440-47-3	Chromium		ug/L	U	12.5	25.0	5
7440-48-4	Cobalt		ug/L	U	2.50	5.00	5
7440-50-8	Copper		ug/L	U	12.5	25.0	5
7439-92-1	Lead		ug/L	U	2.50	5.00	5
7440-02-0	Nickel		ug/L	U	5.00	10.0	5
7782-49-2	Selenium		ug/L	U	10.0	20.0	5
7440-22-4	Silver		ug/L	U	2.50	5.00	5
7440-28-0	Thallium		ug/L	U	2.50	5.00	5
7440-31-5	Tin		ug/L	U	12.5	25.0	5
7440-62-2	Vanadium		ug/L	U	12.5	25.0	5
7440-66-6	Zinc		ug/L	U	25.0	50.0	5

Form 8 - Equivalent

PERCENT DIFFERENCE FOR SERIAL DILUTION SAMPLE

Lab Name: Analytical Management Laboratories, Inc. Analytical Batch: 8F09007

Fraction: METALS

Orig HSN: 0806026-01 **SD HSN:** 8F09007-SRD1

Orig Dil: 1 **SD Dil:** 5

COMPOUND	Original Amount	SD Amount	%D	QC FLAG	QC. LIMIT UCL
Antimony	U	U	NA		10
Arsenic	U	U	NA		10
Barium	49.2	48.1	2.24		10
Beryllium	U	U	NA		10
Cadmium	U	U	NA		10
Chromium	7.82	U	NA		10
Cobalt	0.925	U	NA		10
Copper	2.70	U	NA		10
Lead	U	U	NA		10
Nickel	2.06	U	NA		10
Selenium	2.99	U	NA		10
Silver	U	U	NA		10
Thallium	U	U	NA		10
Tin	U	U	NA		10
Vanadium	U	U	NA		10
Zinc	10.1	U	NA		10

* Values outside of QC limits

NA = Not Applicable

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806026

(Sample Delivery Group, SDG)

7470A

(Parameter)

P806156

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** METALS

QC Batch: P806156 **Method:** 7470A

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/13/08	6/13/08	0806026-01		SAMPLE	0806026
6/13/08	6/13/08	0806026-02		SAMPLE	0806026
6/13/08	6/13/08	P806156-BLK1		Method Blank	0806026
6/13/08	6/13/08	P806156-BLK2		Method Blank	0806026
6/13/08	6/13/08	P806156-BS1		LCS	0806026
6/13/08	6/13/08	P806156-BSD1		LCS Dup	0806026
6/13/08	6/13/08	P806156-MS1	0806024-01	Matrix Spike	0806026
6/13/08	6/13/08	P806156-MSD1	0806024-01	Matrix Spike Dup	0806026
6/13/08	6/13/08	P806156-PS1	0806024-01	Post Spike	0806026

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806156-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/13/08 15:35
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806156	Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806156-BLK2
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/13/08 15:41
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806156	Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806156-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/13/08 15:37
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806156	Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.92	ug/L		0.100	0.200	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806156-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/13/08 15:39
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806156	Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.11	ug/L		0.100	0.200	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806156
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Lab Sample ID: ***P806156-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Mercury	2.00	1.92	96.0		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806156

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806156-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Mercury	2.00	2.11	106		80	120	9.43

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806156-MS1
% Solids:	NA	Date Collected:	06/04/08 11:15
Analytical Methdod:	7470A	Date Analyzed:	06/13/08 15:58
Preparation:	EPA 7470A Prep	Date Received:	06/06/08 10:08
Batch:	P806156	Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.03	ug/L		0.102	0.204	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806156-MSD1
% Solids:	NA	Date Collected:	06/04/08 11:15
Analytical Methdod:	7470A	Date Analyzed:	06/13/08 16:00
Preparation:	EPA 7470A Prep	Date Received:	06/06/08 10:08
Batch:	P806156	Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.01	ug/L		0.102	0.204	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806156
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Original Sample ***0806024-01*** ***Lab Sample ID for MS :*** ***P806156-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Mercury	0	2.04	2.03	99.5		80	120

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806156
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Original Sample ***0806024-01*** ***Lab Sample ID for MSD*** ***P806156-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Mercury	0	2.04	2.01	98.5		1.01		80	120	20

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Post Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806156-PS1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	7470A	Date Collected:	06/04/08 11:15
Preparation:	EPA 7470A Prep	Date Analyzed:	06/13/08 16:02
Batch:	P806156	Date Received:	06/06/08 10:08

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.48	ug/L		0.100	0.200	1

Form 5B - Equivalent

POST DIGESTION SPIKE SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc.

Fraction: METALS

Analytical Batch: 8F13005

Prep Batch: P806156

COMPOUND	Original Amount	SPIKE ADDED	PDS Amount	PDS % REC	PDS % REC FLAG	QC. LIMITS LCL	QC. LIMITS UCL
Mercury	ND	2.00	2.48	124	*	80	120

* Values outside of QC limits

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806026

(Sample Delivery Group, SDG)

300.0

(Parameter)

P806142

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc.
Fraction: Wet Chemistry
QC Batch: P806142
Method: 300.0

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/7/08	6/6/08	0806026-01		SAMPLE	0806026
6/7/08	6/6/08	0806026-02		SAMPLE	0806026
6/6/08	6/6/08	P806142-BLK1		Method Blank	0806026
6/6/08	6/6/08	P806142-BS1		LCS	0806026
6/7/08	6/6/08	P806142-BSD1		LCS Dup	0806026

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P806142-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	300.0	Date Analyzed:	06/06/08 23:35
Preparation:	300.0	Date Received:	
Batch:	P806142	Date Prepared:	06/06/08 12:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N		mg/L	U	0.0570	0.113	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P806142-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	300.0	Date Analyzed:	06/06/08 23:56
Preparation:	300.0	Date Received:	
Batch:	P806142	Date Prepared:	06/06/08 12:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	4.27	mg/L		0.0570	0.113	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806026
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P806142-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	300.0	Date Analyzed:	06/07/08 00:17
Preparation:	300.0	Date Received:	
Batch:	P806142	Date Prepared:	06/06/08 12:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	4.39	mg/L		0.0570	0.113	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806142

Fraction: WET Matrix: Water

Units: mg/L

Lab Sample ID: ***P806142-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Nitrate-N	4.52	4.27	94.5		90	110

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806142

Fraction: WET Matrix: Water

Units: mg/L

Lab Sample ID: ***P806142-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Nitrate-N	4.52	4.39	97.1		90	110	2.68

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

June 27, 2008

Mr. Judson Smith
Project Chemist, CESAS-EN-GG
U.S. Army Corps of Engineers, Savannah District
100 W. Oglethorpe Ave.
P. O. Box 889
Savannah, GA 31401-0360
Phone: 912-652-5673
Fax: 912-652-5311

Dear Mr. Smith:

RE: Ft. Bragg Longstreet Landfill, DO# 0109
W912HN-05-D-0013
AML Work Order Number: **0806027**

Attached, please find the hardcopy analytical report (93 total pages) for environmental samples collected by CESAS for the project described above. The analytical results included in this report relate only to the samples received by Analytical Management Laboratories (AML). Problems encountered in the analysis of these samples are documented in the laboratory case narrative observations and non-conformances and/or data qualifiers. The case narrative is an integral part of this report. This report has been paginated and may not be reproduced for distribution, except in full, without the written approval of AML. Results are reported to three significant figures; the third significant figure may be estimated. Please feel free to contact me by phone (913-829-0101-ext. 23), fax (913-829-1181) or email (mharris@amlabinc.com) if you have any questions.

Respectfully Submitted,
Analytical Management Laboratories, Inc.

Melania Harris
Project Manager

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Case Narrative

Project and Sample Information

Task order information, completed copies of the chain of custody form(s), and Analytical Management Laboratories (AML) sample condition upon receipt form (s) are included in the Project and Sample Information section. The AML laboratory information management system (LIMS)-generated sample status and receipt report, showing field sample identifiers and corresponding laboratory identifiers is also included.

Reports

The hardcopy laboratory reports and electronic data deliverables (EDDs) were prepared using the Promium Element Data System (LIMS). Under the procedure used by the laboratory, the hardcopy reports are generated using information contained in a database, which is also used to generate electronic deliverables to assure data integrity between the two media. The attached report is organized as follows:

Cover Letter
Laboratory Case Narrative
Sample Information
Sample Result Forms, organized in the following order: by test and by sample.

Quality Control (QC) Summary Reports, organized in the following order: by test, by matrix, and by QC batch number. The QC Summary for each analytical batch contains the following, when applicable:

1. QC Association Form
2. Surrogate Recovery Summary, when applicable
3. Method Blank (MB) Results
4. Laboratory Control Sample (LCS) Results
5. LCS duplicate (LCSD) Results, when available
6. LCS Recoveries Summary
7. LCSD (when applicable) Recoveries and RPD Summary
8. Matrix Spike (MS) Results
9. MS duplicate (MSD) Results
10. MS Recoveries Summary
11. MSD Recoveries and RPD Summary

Sample Result Forms
Sample results are shown on modified Form 1 equivalents with the following qualifiers:
U = Not detected or detected below method detection limit (MDL) or the limit of detection (LOD).
J = Detected above MDL or LOD but below the limit of quantitation (LOQ).

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

P = RPD >40% between primary and confirmation column results for dual column chromatographic methods (e.g. GC and HPLC methods).
E = Detected at levels in excess of the upper calibration limit.
B = Detected in the associated method blank
Q1 = The %D or %Drift for the associated CCV is outside the method and/or laboratory established QC limit with a high bias.
Q2 = The %D or %Drift for the associated CCV is outside the method and/or laboratory established QC limit with a low bias.
* = Exceeds QC limits
ME = Marginal exceedence of the 3-sigma QC limits
ME* = Exceedence of the 4-sigma QC limits
X = as defined in the case narrative when utilized

The LODs and LOQs have been adjusted for sample weight or volume, dilution, and percent solids, when applicable. MDLs are statistically defined, instrument-specific quantities, which are used as LODs for some tests. For situations when multiple MDLs exist for a test (e.g several instruments running the same test on a given matrix) or when MDLs are unachievable on a routine basis, LODs, which may be greater than MDL but typically one-half of the applicable LOQs are used to define cut-off points for reporting positive results. The LOQs are typically the lowest point on the initial calibration curve.

Quantitative results for analytes detected in the sample (positive results) are shown under the column labeled "Result". Results coded with the qualifier E should not be used unless additional analyses were unavailable due to other limitations. Data coded as E should not be compared to other data since non-linearity in calibration may be a severe problem for some analytes. Multiple sample result forms may be provided for one or more of the following reasons:
Sample was reanalyzed for surrogate or internal standard recovery outliers;
Sample was reanalyzed at a dilution;
One of the analyses was performed outside holding times;
A replicate analysis was performed for other quality control purposes;
Client requirements

QC Association Forms

The list consisting of MB, LCS, LCSD (if any), MS (whenever available), MSD (whenever available), and field samples from the reported AML work order that are associated with each QC batch are shown on QC Association Forms. Additional items such as PDS, SD may be included for some parameters (e.g metals). Separate forms are included for each QC batch, for each matrix and test.

Surrogate Recovery Forms

A summary of the system monitoring compound recoveries for organic analyses is included in this section. The QC limits from the Department of Defense Quality Systems Manual for Environmental Laboratories, Final Version 3, January 2006 is used in the reports, when available.

Method-specified limits or in-house limits are used as applicable. Corrective action involving re-extraction and/or reanalysis is performed for samples that exceed the surrogate QC limits.

Method Blank Result Forms

The QC limit for the Method Blank is set at one half of the applicable LOQ for each target analyte with the exception of common laboratory contaminants, which is set at the LOQ.

Laboratory Control Sample (LCS) Report Forms

Laboratory control samples were analyzed with each QC batch as described in the QC Association Form. Laboratory Control sample limits are set as a default to the DOD QSM limits when available. When the 3-sigma control limit is exceeded for any analyte, the LCS report is flagged "ME". The total number of method analytes, and the number of ME analytes are tracked and compared against the number allowed per NELAC and the DOD QSM. This information is summarized at the bottom of the recoveries summary reports. Analytes with LCS recoveries that exceed the 4-sigma limits are flagged ME* and reanalysis may be required for the affected analyte if it is a contaminant of concern. The relative percent differences (RPDs) for the LCS duplicates, a voluntary laboratory QC parameter, are computed to track in-house precision for method duplicates.

Matrix Spike/Matrix Spike Duplicate Recoveries Report Forms

The MS/MSD results are shown in Form-1 equivalents. See section on LCS for additional details. The RPDs for MS duplicates that are outside the applicable QC limits are flagged with an asterisk (*). The effect of matrix is taken into account in determining corrective action procedures based on MS and MSD results, recoveries, and RPD.

Calibration

Instruments were calibrated in accordance with applicable method. Deviations are noted as a non-conformance. Copies of initial calibration and calibration verification summaries and associated raw data will be maintained in laboratory files and made available for detailed client review.

Test Methods and Holding Times

Analyses were performed within applicable holding times except as noted on sample reports. See parameter specific non-conformances for more information.

Batch-specific Quality Control Procedures

Quality control data from method blanks and laboratory control samples are used as batch QC elements. In accordance with EPA, USACE, and DoD guidelines, QC data from matrix spikes are used as matrix-specific QC elements and QC data from surrogates, internal standard areas, etc. are used as sample-specific QC elements. When the batch QC elements are outside their QC limits, results for associated samples are evaluated and corrective actions that affect the entire sample set are performed.

Matrix-specific or Sample-specific Quality Control Procedures

Sample concentrations exceeding the upper calibration limit, surrogate recoveries outside the QC limits, calibration parameters not within QC limits, etc. are used as sample-specific and/or sample-group specific QC elements for one or more associated samples during instrumental analysis. Serial dilution, standard addition, MS recoveries, etc. are used as matrix-specific QC elements for one or more associated samples. When these QC elements are outside their QC limits, associated individual sample results are evaluated and appropriate corrective actions are performed.

Manual Integration

Manual integration operations that have potential to improve accuracy of analysis are performed, as necessary (shown with an "M" flag on raw data) based on visual inspection of peak shapes for each target analyte. Such operations are technically defensible and they are not aimed at meeting the minimum technical requirements of the analytical procedure.

Statement

To the best of our knowledge, this data package is in compliance with the client terms and conditions, both technically and for completeness. Non-conformances are listed in the case narrative and/or data qualifiers for each parameter tested.

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Project Information

Two (2) samples were received by AML on June 6, 2008 and logged in according to the Sample Status and Receipt Report included in this report. Reference the chain of custody and Sample Condition upon receipt Report for any non-conformances on receipt condition and temperature upon receipt.

Observations and Non-Conformances

Metals by method 6020A

There were no observations or non-conformances to report for this analysis.

Mercury by method 7470A

Batch P806156 – Post Digestion Spike recovery was outside QC limits biased high as flagged on the summary report. The MS/MSD was within QC limits; thus no corrective action is required and data is reported.

Nitrate method 300.0

Both preserved and unpreserved containers for Nitrate were received, AML analyzed Nitrate by method 300.0 utilizing the unpreserved sample aliquot. Sample was analyzed within the 48 hour analytical holding time.

PCBs method 8082

Sample 0806027-01 had matrix interference with the internal standards on both columns; a sample dilution was attempted without success. Only the initial undiluted analysis was reported.

Pesticide and PCB analysis was completed in one analytical extraction and analysis. Surrogate recoveries are reported only from the Pesticide analysis, indicating acceptable extraction efficiencies.

Pesticides method 8081B

LCS/LCSD recoveries for delta-BHC were outside QC limits, the marginal exceedence is within the allowed number of outliers for the number of compounds reported.

Sample 0806027-01 had matrix interference with the internal standards on both columns but more severe on the first column, data is reported from the second column for Pesticide analysis.

SVOCs method 8270C

LCS/LCSD recoveries are outside QC limits as flagged on summary reports; the marginal exceedences are within the allowed number of outliers for the number of compounds reported. LCS/LCSD is acceptable.

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Field Sample Information

(Chain of Custody Record, Sample Receipt Report, Condition Upon Receipt Report)

0806027

(Sample Delivery Group, SDG)

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS

OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, AND 30

1. REQUISITION NUMBER: W33SJG81226549

2. CONTRACT NO.	3. AWARD/EFFECTIVE DATE	4. ORDER NUMBER	5. SOLICITATION NUMBER	6. SOLICITATION ISSUE DATE
W912HN-05-D-0013	13-May-2008	0109		

7. FOR SOLICITATION INFORMATION CALL:	a. NAME	b. TELEPHONE NUMBER *(No Collect Calls)*	8. OFFER DUE DATE/LOCAL TIME

9. ISSUED BY CODE W912HN

US ARMY ENGINEER DISTRICT SAVANNAH
100 W OGLETHORPE AVENUE
SAVANNAH GA 31401-3640

TEL:
FAX:

10. THIS ACQUISITION IS

- [ ] UNRESTRICTED
- [X] SET ASIDE: 100 % FOR
  - [ ] SMALL BUSINESS
  - [ ] HUBZONE SMALL BUSINESS
  - [X] 8(A)

NAICS: 541380
SIZE STANDARD: $5 million

11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED

- [ ] SEE SCHEDULE

12. DISCOUNT TERMS

Net 30 Days

- [ ] 13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)

13b. RATING

14. METHOD OF SOLICITATION

- [ ] RFQ
- [ ] IFB
- [ ] RFP

15. DELIVER TO CODE K6L0NE0

EN-GG GEO/HYDROG & HTRW DESIGN
100 W. OGLETHORPE AVE PO BOX 889
SAVANNAH GA 31402

16. ADMINISTERED BY CODE

SEE ITEM 9

17a. CONTRACTOR/OFFEROR CODE 1LE38

ANALYTICAL MANAGEMENT LABS, INC
TENKAFI VISWANATHAN
15130 SOUTH KEELER, SUITE B
OLATHE KS 66062

TEL. (913) 829-0101 EXT 26

FACILITY CODE

18a. PAYMENT WILL BE MADE BY CODE DFAS

US ARMY CORPS OF ENGRS FINANCE CENTER
CEFC-AO-P
5720 INTEGRITY DRIVE
MILLINGTON TN 38054-5005

- [ ] 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER

18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a. UNLESS BLOCK BELOW IS CHECKED [ ] SEE ADDENDUM

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	SEE SCHEDULE				

25. ACCOUNTING AND APPROPRIATION DATA

See Schedule

26. TOTAL AWARD AMOUNT (For Govt. Use Only)

$24,791.10

- [ ] 27a SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1. 52.212-4. FAR 52.212-3. 52.212-5 ARE ATTACHED. ADDENDA [ ] ARE [ ] ARE NOT ATTACHED
- [ ] 27b CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA [ ] ARE [ ] ARE NOT ATTACHED

28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 0 COPIES

- [ ] TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.

29. AWARD OF CONTRACT: REFERENCE

- [ ] OFFER DATED . YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:

30a. SIGNATURE OF OFFEROR/CONTRACTOR	31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER)	31c. DATE SIGNED
		16-May-2008

30b. NAME AND TITLE OF SIGNER *(TYPE OR PRINT)*	30c. DATE SIGNED	31b. NAME OF CONTRACTING OFFICER *(TYPE OR PRINT)*
		LANEY PARKER / CONTRACT SPECIALIST TEL: 912/652-5654 EMAIL: elaine.d.parker@usace.army.mil

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	SEE SCHEDULE				

32a. QUANTITY IN COLUMN 21 HAS BEEN

☐ RECEIVED ☐ INSPECTED ☐ ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: _____

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32c. DATE	32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE

32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE
	32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE

33. SHIP NUMBER	34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT	37. CHECK NUMBER
☐ PARTIAL ☐ FINAL			☐ COMPLETE ☐ PARTIAL ☐ FINAL	

38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NUMBER	40. PAID BY

41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT		42a. RECEIVED BY *(Print)*	
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER	41c. DATE	42b. RECEIVED AT *(Location)*	
		42c. DATE REC'D *(YY/MM/DD)*	42d. TOTAL CONTAINERS

Section SF 1449 - CONTINUATION SHEET

CLIN	Description	Qty	U/I	U/P	TOTAL
0004AG	Organochlorine Pesticides by GC (EPA 8081A), Includes Separatory Extraction (EPA 3510C) and Florisil Cleanup (EPA 3620B), Aqueous	14	ea	$ 160.00	$ 2,240.00
0004AJ	Polychlorinated Biphenyls (PCBs) (EPA 8082) Includes Separatory Extraction (EPA 3510C) and Florisil Cleanup (EPA 3620B), Aqueous	14	ea	$ 135.00	$ 1,890.00
0004AP	Organophosphorous Pesticides by GC (EPA 8141A), Includes Separatory Extraction (EPA 3510C), Aqueous	14	ea	$ 175.00	$ 2,450.00
0004AT	Volatile Organic Compounds (EPA 8260B) Includes Purge and Trap (EPA 5030B), Aqueous	33	ea	$ 180.00	$ 5,940.00
0004AX	Semi-Volatile Organic Compounds (SVOCs) by GC/MS (EPA 8270C) Includes Separatory Extraction (EPA 3510C), Aqueous	14	ea	$ 330.00	$ 4,620.00
0005AB	Appendix I Metals (40 CFR 258) Includes Sample Preparation, Aqueous	19	ea	$ 125.00	$ 2,375.00
0006AB	Appendix II Inorganics (40 CFR 258) Includes Sample Preparation, Aqueous	14	ea	$ 235.00	$ 3,290.00
0010AD	Metals by ICP/MS per Metal (EPA 6020A) Includes Preparation (Al, Sb, As, Ba, Be, B, Cd, Ca, Ce, Cs, Cr, Co, Cu, Au, Fe, Pb, Li, Mg, Mn, Hg, Mo, Ni, Pd, P, Pt, K, Fe, Si, Ag, Se, Na, Sr, Tl, Sn, Ti, U, V, and Zn), Aqueous	8	ea	$ 30.00	$ 240.00
0010BE	Standard Method 3030C, Aqueous	41	ea	$ 10.00	$ 410.00
0010CR	Nitrate (EPA 352.1), Aqueous	34	ea	$ 25.00	$ 850.00
0014AB	PDF Copy of Final Report	1	LS	2%	$ 486.10
				TOTAL	$ 24,791.10

Testing and Analysis for Longstreet/Lamont Landfill at Ft Bragg, NC

1. The quantities listed above are estimated, however, the total amount of this Task Order shall not exceed $24,791.10

2. ACCOUNTING DATA:
21 NA 2008 2020.0000 K6 2008 08 8021 13105615000 09133 3230 94KF8K NA LKH435

3. Receipt of this Task Order is YOUR NOTICE TO PROCEED.

4. Bottles/Coolers and trip blanks will be ordered as needed. Sample containers are required by 15 May 2008. Five sets of trip blank are required. Delivery of sample bottles and coolers will be coordinated by Savannah District's CESAS-EN-GG/Judson Smith/912-652-5673 or John Coombs/912-652-5671 . Work will be completed by 30 September 2008.

5. Reports due: 3 weeks after receipt of samples.

6. Reports and Invoices are to be sent to:
   US Army Corps of Engineers, Savannah District
   ATTN: CESAS-EN-GG/Judson Smith
   P.O. Box 889 (31402-0889)
   100 W. Oglethorpe Ave.
   Savannah, GA 31401

7. Chemist: Judson Smith: 912-652-5673.

Analytical Management Laboratories, Inc.
15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

42725

Chain of Custody Record / Request for Analysis

Client Contact Name: JUD SMITH
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W OGLETHORPE AVE
City, State, Zip: SAVANNAH, GA 31407
Phone #: (912) 652-5673 Ext:
Fax #: (912) 652-5317
Email:

Project Name: LONGSTREET LF FT BRAGG
Project Number:
Purchase Order Number: DO 109
Project Due Date:
Project Comments:
Print Sampler's Name: JON COOMBS

Analysis/Method to be Performed (Check all that apply)

Laboratory Project Number: 0806027

Specify method # ---> 8260 8081 8082 H AP H2SO4 ICP

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C	ICE	VOCs	SVOCs	Pesticides	PCBs	Herbicides	Metals (specify)	DRO	GRO	Explosives	Anions (specify)	NITRATE	NITRATE				Comments:
0806027-01	SLMW-7-5-08	6/5/08	1335	AQ	7		1		1			5		2	1	1		1					1	1				
0806027-02	SLMW-8-5-08	6/5/08	1510	AQ	1		1											1										
3																												
4																												
5																												
6																												
7																		3030C										
8																												
9																												
10																												

Please include any information that may be useful in the analysis of the sample.
Example: high concentration
List analytes
MS/MSD

Preservative
List total number of bottles for each preservative type.

CUSTODY						
Relinquished By:		Date/Time:	6/5/08 1800	Received By:	SHIPPER	Date/Time: 6/5/08 1800
Relinquished By:		Date/Time:		Received By:		Date/Time: 6/6/08 1120am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier Fedex ☐ Airbill #: 8425 9197 2927	☑ Yes ☐ No ☑ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	2.0 °C ☐ Temp. Blank ☑ Cooler	

Analytical Management Laboratories - Sample Status and Receipt Report

AML Project Number 0806027 **Client AML ID** USACE Savannah **Report Lvl.** 3

Work Order Due Date 06/20/08 **Client Project ID** Longstreet LF, Ft Bragg, NC, DO# 109

Work Order TAT 14

AML Sample	*Matrix*	Client Sample ID	Date Collected	Projected Analytical Due Date	Analysis	Comments
0806027-01	Water	SLMW-7-5-08	06/05/08 13:35	06/18/08	Metals, Hg by 7470A	
0806027-01	Water	SLMW-7-5-08	06/05/08 13:35	06/18/08	PCBs by 8082	
0806027-01	Water	SLMW-7-5-08	06/05/08 13:35	06/18/08	NO2 and NO3 by 300.0	Nitrate
0806027-01	Water	SLMW-7-5-08	06/05/08 13:35	06/18/08	SVOCs, BNA by 8270C	
0806027-01	Water	SLMW-7-5-08	06/05/08 13:35	06/18/08	Metals by 6010B	Appendix II Metals
0806027-01	Water	SLMW-7-5-08	06/05/08 13:35	06/18/08	Metals by 6020A	Appendix II Metals
0806027-01	Water	SLMW-7-5-08	06/05/08 13:35	06/18/08	Pesticides by 8081B	
0806027-02	Water	SLMW-8-5-08	06/05/08 15:10	06/18/08	Metals, Hg by 7470A	
0806027-02	Water	SLMW-8-5-08	06/05/08 15:10	06/18/08	Metals by 6010B	Appendix II Metals
0806027-02	Water	SLMW-8-5-08	06/05/08 15:10	06/18/08	Metals by 6020A	Appendix II Metals

Analytical Management Laboratories, Inc.

AML - Sample Condition Upon Receipt Report
(See Comments for exceptions)

Client ID: USACE_Sav

AML Work Order Number: 0806027

Project ID: Longstreet LF, Ft Bragg, NC, DO# 1

Cooler ID: AML7

Delivery Method

Delivery Method: Fed Ex

Name of Person Receiving Samples: Nissa Said

Airbill Number: 842591972927

Custody Seals

Were Custody Seals Present? Yes

Cooler Opened By: Nissa Said

Were Custody Seals Intact? Yes

Date Opened 6/6/2008

Packaging / Coolant / Temperature

Type of Coolant Used: Ice

Temperature of Cooler: 2.00°C

Type of Packing Used: Bubble Wrap

Did all the bottles arrive unbroken? Yes

Were all bottles sealed in separate plastic bags? Yes

Chain of Custody

Was Chain of Custody filled out properly? Yes

Do Chain of Custody and Sample Labels agree? Yes

Comments/ Exceptions

Were all sample labels complete? Yes

Was a sufficient amount of sample sent for analysis? Yes

Were samples received in proper containers? Yes

Were air bubbles absent in VOA samples? NA

Was sample pH within QC limits? Yes
(if no see comments)

Was project manager contacted about any "out of control" issues? Yes

Samples Received by: Nissa Said

Project Manager Review: RES

Date: 06/06/08

Field Sample Analysis Data Sheets

(Form I equivalents)

0806027

(Sample Delivery Group, SDG)

6020A

(Parameter)

P806139

(Analytical Batch)

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-7-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806027-01
% Solids:	NA	Date Collected:	06/05/08 13:35
Analytical Method:	6020A	Date Analyzed:	06/09/08 15:52
Preparation:	SM3030C	Date Received:	06/06/08 11:20
Batch:	P806139	Date Leached:	NA
Leach Method:		Date Prepared:	06/07/08 13:58

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic	8.80	ug/L		1.00	2.00	1
7440-39-3	Barium	43.8	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium	8.11	ug/L		2.50	5.00	1
7440-48-4	Cobalt	0.989	ug/L	J	0.500	1.00	1
7440-50-8	Copper	7.55	ug/L		2.50	5.00	1
7439-92-1	Lead	0.522	ug/L	J	0.500	1.00	1
7440-02-0	Nickel	1.89	ug/L	J	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-31-5	Tin		ug/L	U	2.50	5.00	1
7440-62-2	Vanadium	2.50	ug/L	J	2.50	5.00	1
7440-66-6	Zinc	11.6	ug/L		5.00	10.0	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-8-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806027-02
% Solids:	NA	Date Collected:	06/05/08 15:10
Analytical Method:	6020A	Date Analyzed:	06/09/08 16:13
Preparation:	SM3030C	Date Received:	06/06/08 11:20
Batch:	P806139	Date Leached:	NA
Leach Method:		Date Prepared:	06/07/08 13:58

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	0.709	ug/L	J	0.500	1.00	1
7440-38-2	Arsenic	2.23	ug/L		1.00	2.00	1
7440-39-3	Barium	88.7	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium	7.96	ug/L		2.50	5.00	1
7440-48-4	Cobalt	0.609	ug/L	J	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel	1.03	ug/L	J	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-31-5	Tin		ug/L	U	2.50	5.00	1
7440-62-2	Vanadium	2.94	ug/L	J	2.50	5.00	1
7440-66-6	Zinc	8.70	ug/L	J	5.00	10.0	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806027

(Sample Delivery Group, SDG)

7470A

(Parameter)

P806156

(Analytical Batch)

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-7-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806027-01
% Solids:	NA	Date Collected:	06/05/08 13:35
Analytical Method:	7470A	Date Analyzed:	06/13/08 16:47
Preparation:	EPA 7470A Prep	Date Received:	06/06/08 11:20
Batch:	P806156	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-8-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806027-02
% Solids:	NA	Date Collected:	06/05/08 15:10
Analytical Method:	7470A	Date Analyzed:	06/13/08 16:49
Preparation:	EPA 7470A Prep	Date Received:	06/06/08 11:20
Batch:	P806156	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806027

(Sample Delivery Group, SDG)

300.0

(Parameter)

P806142

(Analytical Batch)

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-7-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	0806027-01
% Solids:	NA	Date Collected:	06/05/08 13:35
Analytical Method:	300.0	Date Analyzed:	06/07/08 01:20
Preparation:	300.0	Date Received:	06/06/08 11:20
Batch:	P806142	Date Leached:	NA
Leach Method:		Date Prepared:	06/06/08 12:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N		mg/L	U	0.0570	0.113	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806027

(Sample Delivery Group, SDG)

8082

(Parameter)

P806236

(Analytical Batch)

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-7-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	950 mL / 5.0 mL	Lab Sample ID:	0806027-01
% Solids:	NA	Date Collected:	06/05/08 13:35
Analytical Method:	8082	Date Analyzed:	06/19/08 13:27
Preparation:	EPA 3510C	Date Received:	06/06/08 11:20
Batch:	P806236	Date Leached:	NA
Leach Method:		Date Prepared:	06/12/08 09:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016		ug/L	U	0.211	1.05	1
11104-28-2	Aroclor-1221		ug/L	U	0.211	1.05	1
11141-16-5	Aroclor-1232		ug/L	U	0.211	1.05	1
53469-21-9	Aroclor-1242		ug/L	U	0.211	1.05	1
12672-29-6	Aroclor-1248		ug/L	U	0.211	1.05	1
11097-69-1	Aroclor-1254		ug/L	U	0.211	1.05	1
11096-82-5	Aroclor-1260		ug/L	U	0.211	1.05	1
11100-14-4	Aroclor-1268		ug/L	U	0.211	1.05	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806027

(Sample Delivery Group, SDG)

8081B

(Parameter)

P806236

(Analytical Batch)

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-7-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	950 mL / 5.0 mL	Lab Sample ID:	0806027-01
% Solids:	NA	Date Collected:	06/05/08 13:35
Analytical Method:	8081B	Date Analyzed:	06/19/08 13:27
Preparation:	EPA 3510C	Date Received:	06/06/08 11:20
Batch:	P806236	Date Leached:	NA
Leach Method:		Date Prepared:	06/12/08 09:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD		ug/L	U	0.0263	0.0526	1
72-55-9	4,4'-DDE		ug/L	U	0.0263	0.0526	1
50-29-3	4,4'-DDT		ug/L	U	0.0263	0.0526	1
309-00-2	Aldrin		ug/L	U	0.0132	0.0263	1
319-84-6	alpha-BHC		ug/L	U	0.0132	0.0263	1
57-74-9	Chlordane (Technical)		ug/L	U	0.263	0.526	1
5103-71-9	alpha-Chlordane	0.0298	ug/L		0.0132	0.0263	1
319-84-6	beta-BHC	0.0412	ug/L		0.0132	0.0263	1
319-86-8	delta-BHC	0.0320	ug/L		0.0132	0.0263	1
60-57-1	Dieldrin	0.0636	ug/L		0.0263	0.0526	1
959-98-8	Endosulfan I		ug/L	U	0.0132	0.0263	1
33213-65-9	Endosulfan II		ug/L	U	0.0263	0.0526	1
1031-07-8	Endosulfan sulfate		ug/L	U	0.0263	0.0526	1
72-20-8	Endrin		ug/L	U	0.0263	0.0526	1
7421-93-4	Endrin aldehyde		ug/L	U	0.0263	0.0526	1
53494-70-5	Endrin ketone		ug/L	U	0.0263	0.0526	1
58-89-9	gamma-BHC (Lindane)	0.0386	ug/L		0.0132	0.0263	1
5103-74-2	gamma-Chlordane		ug/L	U	0.0132	0.0263	1
76-44-8	Heptachlor	0.178	ug/L		0.0132	0.0263	1
1024-57-3	Heptachlor epoxide		ug/L	U	0.0132	0.0263	1
72-43-5	Methoxychlor		ug/L	U	0.132	0.263	1
8001-35-2	Toxaphene		ug/L	U	1.05	2.11	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806027

(Sample Delivery Group, SDG)

8270C

(Parameter)

P806190

(Analytical Batch)

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-7-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	980 mL / 1.0 mL	Lab Sample ID:	0806027-01
% Solids:	NA	Date Collected:	06/05/08 13:35
Analytical Method:	8270C	Date Analyzed:	06/19/08 19:31
Preparation:	EPA 3510C	Date Received:	06/06/08 11:20
Batch:	P806190	Date Leached:	NA
Leach Method:		Date Prepared:	06/11/08 12:02

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.255	10.2	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.235	10.2	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.367	10.2	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.204	10.2	1
95-95-4	2,4,5-Trichlorophenol		ug/L	U	0.878	10.2	1
88-06-2	2,4,6-Trichlorophenol		ug/L	U	0.684	10.2	1
120-83-2	2,4-Dichlorophenol		ug/L	U	0.367	10.2	1
105-67-9	2,4-Dimethylphenol		ug/L	U	0.235	10.2	1
51-28-5	2,4-Dinitrophenol		ug/L	U	1.62	10.2	1
121-14-2	2,4-Dinitrotoluene		ug/L	U	0.357	10.2	1
606-20-2	2,6-Dinitrotoluene		ug/L	U	0.245	10.2	1
91-58-7	2-Chloronaphthalene		ug/L	U	0.163	10.2	1
95-57-8	2-Chlorophenol		ug/L	U	0.122	10.2	1
534-52-1	2-Methyl-4,6-dinitrophenol		ug/L	U	0.969	10.2	1
91-57-6	2-Methylnaphthalene		ug/L	U	2.67	10.2	1
95-48-7	2-Methylphenol		ug/L	U	0.316	10.2	1
88-74-4	2-Nitroaniline		ug/L	U	0.439	10.2	1
88-75-5	2-Nitrophenol		ug/L	U	0.357	10.2	1
91-94-1	3,3'-Dichlorobenzidine		ug/L	U	1.49	10.2	1
99-09-2	3-Nitroaniline		ug/L	U	0.347	10.2	1
101-55-3	4-Bromophenyl phenyl ether		ug/L	U	0.367	10.2	1
59-50-7	4-Chloro-3-methylphenol		ug/L	U	0.255	10.2	1
106-47-8	4-Chloroaniline		ug/L	U	0.888	10.2	1
7005-72-3	4-Chlorophenyl phenyl ether		ug/L	U	0.480	10.2	1
100-01-6	4-Nitroaniline		ug/L	U	3.60	10.2	1
100-02-7	4-Nitrophenol		ug/L	U	0.827	10.2	1
83-32-9	Acenaphthene		ug/L	U	0.184	10.2	1
208-96-8	Acenaphthylene		ug/L	U	0.122	10.2	1
120-12-7	Anthracene		ug/L	U	0.224	10.2	1
56-55-3	Benzo(a)anthracene		ug/L	U	0.092	10.2	1
50-32-8	Benzo(a)pyrene		ug/L	U	0.122	10.2	1
205-99-2	Benzo(b)fluoranthene		ug/L	U	0.088	10.2	1
191-24-2	Benzo (g,h,i) perylene		ug/L	U	0.449	10.2	1
207-08-9	Benzo(k)fluoranthene		ug/L	U	0.878	10.2	1
65-85-0	Benzoic acid		ug/L	U	2.40	10.2	1
100-51-6	Benzyl alcohol		ug/L	U	0.531	10.2	1
111-91-1	Bis(2-chloroethoxy)methane		ug/L	U	0.214	10.2	1
111-44-4	Bis(2-chloroethyl)ether		ug/L	U	0.098	10.2	1
108-60-1	Bis(2-chloroisopropyl) ether		ug/L	U	0.449	10.2	1
117-81-7	Bis(2-ethylhexyl) phthalate		ug/L	U	0.602	10.2	1
85-68-7	Butyl benzyl phthalate		ug/L	U	0.418	10.2	1
86-74-8	Carbazole		ug/L	U	0.347	10.2	1
218-01-9	Chrysene		ug/L	U	0.408	10.2	1
53-70-3	Dibenz(a,h)anthracene		ug/L	U	2.31	10.2	1
132-64-9	Dibenzofuran		ug/L	U	0.173	10.2	1
84-66-2	Diethyl phthalate		ug/L	U	0.418	10.2	1
131-11-3	Dimethyl phthalate		ug/L	U	0.316	10.2	1
84-74-2	Di-n-butyl phthalate		ug/L	U	0.224	10.2	1
117-84-0	Di-n-octyl phthalate		ug/L	U	1.92	10.2	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-7-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	980 mL / 1.0 mL	Lab Sample ID:	0806027-01
% Solids:	NA	Date Collected:	06/05/08 13:35
Analytical Method:	8270C	Date Analyzed:	06/19/08 19:31
Preparation:	EPA 3510C	Date Received:	06/06/08 11:20
Batch:	P806190	Date Leached:	NA
Leach Method:		Date Prepared:	06/11/08 12:02

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
122-39-4	Diphenylamine		ug/L	U	0.643	10.2	1
206-44-0	Fluoranthene		ug/L	U	0.224	10.2	1
86-73-7	Fluorene		ug/L	U	0.429	10.2	1
118-74-1	Hexachlorobenzene		ug/L	U	0.133	10.2	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.969	10.2	1
77-47-4	Hexachlorocyclopentadiene		ug/L	U	0.327	10.2	1
67-72-1	Hexachloroethane		ug/L	U	0.316	10.2	1
193-39-5	Indeno (1,2,3-cd) pyrene		ug/L	U	1.59	10.2	1
78-59-1	Isophorone		ug/L	U	0.122	10.2	1
91-20-3	Naphthalene		ug/L	U	0.245	10.2	1
98-95-3	Nitrobenzene		ug/L	U	0.337	10.2	1
62-75-9	N-Nitrosodimethylamine		ug/L	U	0.367	10.2	1
621-64-7	N-Nitrosodi-n-propylamine		ug/L	U	0.367	10.2	1
86-30-6	N-Nitrosodiphenylamine		ug/L	U	0.143	10.2	1
87-86-5	Pentachlorophenol		ug/L	U	0.306	10.2	1
85-01-8	Phenanthrene		ug/L	U	0.245	10.2	1
108-95-2	Phenol	15.2	ug/L		0.122	10.2	1
129-00-0	Pyrene		ug/L	U	0.408	10.2	1
34MP	3 & 4 Methylphenol	90.4	ug/L		4.08	20.4	1

Note:

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806027

(Sample Delivery Group, SDG)

6020A

(Parameter)

P806139

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** METALS

QC Batch: P806139 **Method:** 6020A

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/9/08	6/7/08	0806027-01		SAMPLE	0806027
6/9/08	6/7/08	0806027-02		SAMPLE	0806027
6/9/08	6/9/08	8F09007-SRD1	0806026-01	Serial Dilution	0806027
6/9/08	6/7/08	P806139-BLK1		Method Blank	0806027
6/9/08	6/7/08	P806139-BS1		LCS	0806027
6/9/08	6/7/08	P806139-BSD1		LCS Dup	0806027
6/9/08	6/7/08	P806139-MS1	0806026-01	Matrix Spike	0806027
6/9/08	6/7/08	P806139-MSD1	0806026-01	Matrix Spike Dup	0806027
6/9/08	6/7/08	P806139-PS1	0806026-01	Post Spike	0806027

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806139-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	06/09/08 14:48
Preparation:	SM3030C	Date Received:	
Batch:	P806139	Date Prepared:	06/07/08 13:58

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium		ug/L	U	0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium		ug/L	U	2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel		ug/L	U	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-31-5	Tin		ug/L	U	2.50	5.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc		ug/L	U	5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806139-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	06/09/08 16:35
Preparation:	SM3030C	Date Received:	
Batch:	P806139	Date Prepared:	06/07/08 13:58

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	47.5	ug/L		0.500	1.00	1
7440-38-2	Arsenic	51.9	ug/L		1.00	2.00	1
7440-39-3	Barium	491	ug/L		0.500	1.00	1
7440-41-7	Beryllium	53.4	ug/L		0.500	1.00	1
7440-43-9	Cadmium	48.2	ug/L		0.500	1.00	1
7440-47-3	Chromium	54.1	ug/L		2.50	5.00	1
7440-48-4	Cobalt	46.1	ug/L		0.500	1.00	1
7440-50-8	Copper	47.5	ug/L		2.50	5.00	1
7439-92-1	Lead	490	ug/L		0.500	1.00	1
7440-02-0	Nickel	48.2	ug/L		1.00	2.00	1
7782-49-2	Selenium	50.8	ug/L		2.00	4.00	1
7440-22-4	Silver	46.9	ug/L		0.500	1.00	1
7440-28-0	Thallium	49.2	ug/L		0.500	1.00	1
7440-31-5	Tin	94.0	ug/L		2.50	5.00	1
7440-62-2	Vanadium	52.9	ug/L		2.50	5.00	1
7440-66-6	Zinc	202	ug/L		5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806139-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	06/09/08 16:43
Preparation:	SM3030C	Date Received:	
Batch:	P806139	Date Prepared:	06/07/08 13:58

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	48.5	ug/L		0.500	1.00	1
7440-38-2	Arsenic	51.3	ug/L		1.00	2.00	1
7440-39-3	Barium	489	ug/L		0.500	1.00	1
7440-41-7	Beryllium	54.0	ug/L		0.500	1.00	1
7440-43-9	Cadmium	49.4	ug/L		0.500	1.00	1
7440-47-3	Chromium	53.1	ug/L		2.50	5.00	1
7440-48-4	Cobalt	47.3	ug/L		0.500	1.00	1
7440-50-8	Copper	47.5	ug/L		2.50	5.00	1
7439-92-1	Lead	496	ug/L		0.500	1.00	1
7440-02-0	Nickel	47.5	ug/L		1.00	2.00	1
7782-49-2	Selenium	51.5	ug/L		2.00	4.00	1
7440-22-4	Silver	47.5	ug/L		0.500	1.00	1
7440-28-0	Thallium	48.3	ug/L		0.500	1.00	1
7440-31-5	Tin	96.5	ug/L		2.50	5.00	1
7440-62-2	Vanadium	52.1	ug/L		2.50	5.00	1
7440-66-6	Zinc	200	ug/L		5.00	10.0	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806139

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806139-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Antimony	50.0	47.5	94.9		80	120
Arsenic	50.0	51.9	104		80	120
Barium	500	491	98.2		80	120
Beryllium	50.0	53.4	107		80	120
Cadmium	50.0	48.2	96.4		80	120
Chromium	50.0	54.1	108		80	120
Cobalt	50.0	46.1	92.2		80	120
Copper	50.0	47.5	95.1		80	120
Lead	500	490	98.1		80	120
Nickel	50.0	48.2	96.5		80	120
Selenium	50.0	50.8	102		80	120
Silver	50.0	46.9	93.7		80	120
Thallium	50.0	49.2	98.4		80	120
Tin	100	94.0	94.0		80	120
Vanadium	50.0	52.9	106		80	120
Zinc	200	202	101		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 16

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806139

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806139-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Antimony	50.0	48.5	96.9		80	120	2.09
Arsenic	50.0	51.3	103		80	120	1.23
Barium	500	489	97.9		80	120	0.362
Beryllium	50.0	54.0	108		80	120	1.21
Cadmium	50.0	49.4	98.8		80	120	2.45
Chromium	50.0	53.1	106		80	120	1.88
Cobalt	50.0	47.3	94.6		80	120	2.62
Copper	50.0	47.5	95.0		80	120	0.0515
Lead	500	496	99.2		80	120	1.12
Nickel	50.0	47.5	95.0		80	120	1.52
Selenium	50.0	51.5	103		80	120	1.43
Silver	50.0	47.5	95.0		80	120	1.30
Thallium	50.0	48.3	96.6		80	120	1.83
Tin	100	96.5	96.5		80	120	2.62
Vanadium	50.0	52.1	104		80	120	1.55
Zinc	200	200	100		80	120	0.659

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 16

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806139-MS1
% Solids:	NA	Date Collected:	06/05/08 11:30
Analytical Methdod:	6020A	Date Analyzed:	06/09/08 15:22
Preparation:	SM3030C	Date Received:	06/06/08 11:20
Batch:	P806139	Date Prepared:	06/07/08 13:58

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	48.2	ug/L		0.500	1.00	1
7440-38-2	Arsenic	51.6	ug/L		1.00	2.00	1
7440-39-3	Barium	501	ug/L		0.500	1.00	1
7440-41-7	Beryllium	53.9	ug/L		0.500	1.00	1
7440-43-9	Cadmium	49.9	ug/L		0.500	1.00	1
7440-47-3	Chromium	60.2	ug/L		2.50	5.00	1
7440-48-4	Cobalt	46.9	ug/L		0.500	1.00	1
7440-50-8	Copper	48.6	ug/L		2.50	5.00	1
7439-92-1	Lead	478	ug/L		0.500	1.00	1
7440-02-0	Nickel	47.4	ug/L		1.00	2.00	1
7782-49-2	Selenium	56.7	ug/L		2.00	4.00	1
7440-22-4	Silver	50.9	ug/L		0.500	1.00	1
7440-28-0	Thallium	46.4	ug/L		0.500	1.00	1
7440-31-5	Tin	94.1	ug/L		2.50	5.00	1
7440-62-2	Vanadium	46.3	ug/L		2.50	5.00	1
7440-66-6	Zinc	210	ug/L		5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806139-MSD1
% Solids:	NA	Date Collected:	06/05/08 11:30
Analytical Methdod:	6020A	Date Analyzed:	06/09/08 15:30
Preparation:	SM3030C	Date Received:	06/06/08 11:20
Batch:	P806139	Date Prepared:	06/07/08 13:58

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	47.9	ug/L		0.500	1.00	1
7440-38-2	Arsenic	51.8	ug/L		1.00	2.00	1
7440-39-3	Barium	501	ug/L		0.500	1.00	1
7440-41-7	Beryllium	52.5	ug/L		0.500	1.00	1
7440-43-9	Cadmium	49.8	ug/L		0.500	1.00	1
7440-47-3	Chromium	60.0	ug/L		2.50	5.00	1
7440-48-4	Cobalt	47.5	ug/L		0.500	1.00	1
7440-50-8	Copper	48.7	ug/L		2.50	5.00	1
7439-92-1	Lead	469	ug/L		0.500	1.00	1
7440-02-0	Nickel	48.3	ug/L		1.00	2.00	1
7782-49-2	Selenium	56.6	ug/L		2.00	4.00	1
7440-22-4	Silver	50.9	ug/L		0.500	1.00	1
7440-28-0	Thallium	46.5	ug/L		0.500	1.00	1
7440-31-5	Tin	94.7	ug/L		2.50	5.00	1
7440-62-2	Vanadium	45.4	ug/L		2.50	5.00	1
7440-66-6	Zinc	213	ug/L		5.00	10.0	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806139

Fraction: METALS Matrix: Water

Units: ug/L

Original Sample ***0806026-01*** ***Lab Sample ID for MS :*** ***P806139-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Antimony	0	50.0	48.2	96.4		75	125
Arsenic	0	50.0	51.6	103		75	125
Barium	49.2	500	501	90.4		75	125
Beryllium	0	50.0	53.9	108		75	125
Cadmium	0	50.0	49.9	99.7		75	125
Chromium	7.82	50.0	60.2	105		75	125
Cobalt	0.925	50.0	46.9	91.9		75	125
Copper	2.70	50.0	48.6	91.8		75	125
Lead	0	500	478	95.6		75	125
Nickel	2.06	50.0	47.4	90.7		75	125
Selenium	2.99	50.0	56.7	107		75	125
Silver	0	50.0	50.9	102		75	125
Thallium	0	50.0	46.4	92.9		75	125
Tin	0	100	94.1	94.1		75	125
Vanadium	0	50.0	46.3	92.6		75	125
Zinc	10.1	200	210	100		75	125

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806139

Fraction: METALS Matrix: Water

Units: ug/L

Original Sample ***0806026-01*** ***Lab Sample ID for MSD*** ***P806139-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Antimony	0	50.0	47.9	95.9		0.496		75	125	20
Arsenic	0	50.0	51.8	104		0.282		75	125	20
Barium	49.2	500	501	90.4		0.0251		75	125	20
Beryllium	0	50.0	52.5	105		2.52		75	125	20
Cadmium	0	50.0	49.8	99.6		0.0898		75	125	20
Chromium	7.82	50.0	60.0	104		0.378		75	125	20
Cobalt	0.925	50.0	47.5	93.2		1.35		75	125	20
Copper	2.70	50.0	48.7	92.0		0.198		75	125	20
Lead	0	500	469	93.8		1.96		75	125	20
Nickel	2.06	50.0	48.3	92.4		1.78		75	125	20
Selenium	2.99	50.0	56.6	107		0.222		75	125	20
Silver	0	50.0	50.9	102		0.0703		75	125	20
Thallium	0	50.0	46.5	93.0		0.133		75	125	20
Tin	0	100	94.7	94.7		0.694		75	125	20
Vanadium	0	50.0	45.4	90.8		2.02		75	125	20
Zinc	10.1	200	213	101		1.35		75	125	20

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Post Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806139-PS1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	6020A	Date Collected:	06/05/08 11:30
Preparation:	SM3030C	Date Analyzed:	06/09/08 15:37
Batch:	P806139	Date Received:	06/06/08 11:20

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	48.8	ug/L		0.500	1.00	1
7440-38-2	Arsenic	53.2	ug/L		1.00	2.00	1
7440-39-3	Barium	517	ug/L		0.500	1.00	1
7440-41-7	Beryllium	54.0	ug/L		0.500	1.00	1
7440-43-9	Cadmium	51.1	ug/L		0.500	1.00	1
7440-47-3	Chromium	60.2	ug/L		2.50	5.00	1
7440-48-4	Cobalt	48.5	ug/L		0.500	1.00	1
7440-50-8	Copper	50.8	ug/L		2.50	5.00	1
7439-92-1	Lead	493	ug/L		0.500	1.00	1
7440-02-0	Nickel	50.4	ug/L		1.00	2.00	1
7782-49-2	Selenium	59.0	ug/L		2.00	4.00	1
7440-22-4	Silver	51.2	ug/L		0.500	1.00	1
7440-28-0	Thallium	48.3	ug/L		0.500	1.00	1
7440-31-5	Tin	96.0	ug/L		2.50	5.00	1
7440-62-2	Vanadium	47.0	ug/L		2.50	5.00	1
7440-66-6	Zinc	218	ug/L		5.00	10.0	1

Form 5B - Equivalent

POST DIGESTION SPIKE SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc.

Fraction: METALS

Analytical Batch: 8F09007

Prep Batch: P806139

COMPOUND	Original Amount	SPIKE ADDED	PDS Amount	PDS % REC	PDS % REC FLAG	QC. LIMITS LCL	QC. LIMITS UCL
Antimony	ND	50.0	48.8	97.5		75	125
Arsenic	ND	50.0	53.2	106		75	125
Barium	49.2	500	517	93.6		75	125
Beryllium	ND	50.0	54.0	108		75	125
Cadmium	ND	50.0	51.1	102		75	125
Chromium	7.82	50.0	60.2	105		75	125
Cobalt	0.925	50.0	48.5	95.2		75	125
Copper	2.70	50.0	50.8	96.1		75	125
Lead	ND	500	493	98.5		75	125
Nickel	2.06	50.0	50.4	96.6		75	125
Selenium	2.99	50.0	59.0	112		75	125
Silver	ND	50.0	51.2	102		75	125
Thallium	ND	50.0	48.3	96.6		75	125
Tin	ND	100	96.0	96.0		75	125
Vanadium	ND	50.0	47.0	93.9		75	125
Zinc	10.1	200	218	104		75	125

* Values outside of QC limits

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Serial Dilution
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	8F09007-SRD1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	6020A	Date Collected:	06/05/08 11:30
Preparation:	P806139	Date Analyzed:	06/09/08 15:16
Batch:	8F09007	Date Received:	06/06/08 11:20

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	2.50	5.00	5
7440-38-2	Arsenic		ug/L	U	5.00	10.0	5
7440-39-3	Barium	48.1	ug/L		2.50	5.00	5
7440-41-7	Beryllium		ug/L	U	2.50	5.00	5
7440-43-9	Cadmium		ug/L	U	2.50	5.00	5
7440-47-3	Chromium		ug/L	U	12.5	25.0	5
7440-48-4	Cobalt		ug/L	U	2.50	5.00	5
7440-50-8	Copper		ug/L	U	12.5	25.0	5
7439-92-1	Lead		ug/L	U	2.50	5.00	5
7440-02-0	Nickel		ug/L	U	5.00	10.0	5
7782-49-2	Selenium		ug/L	U	10.0	20.0	5
7440-22-4	Silver		ug/L	U	2.50	5.00	5
7440-28-0	Thallium		ug/L	U	2.50	5.00	5
7440-31-5	Tin		ug/L	U	12.5	25.0	5
7440-62-2	Vanadium		ug/L	U	12.5	25.0	5
7440-66-6	Zinc		ug/L	U	25.0	50.0	5

Form 8 - Equivalent

PERCENT DIFFERENCE FOR SERIAL DILUTION SAMPLE

Lab Name: Analytical Management Laboratories, Inc. Analytical Batch: 8F09007

Fraction: METALS

Orig HSN: 0806026-01 **SD HSN:** 8F09007-SRD1

Orig Dil: 1 **SD Dil:** 5

COMPOUND	Original Amount	SD Amount	%D	QC FLAG	QC. LIMIT UCL
Antimony	U	U	NA		10
Arsenic	U	U	NA		10
Barium	49.2	48.1	2.24		10
Beryllium	U	U	NA		10
Cadmium	U	U	NA		10
Chromium	7.82	U	NA		10
Cobalt	0.925	U	NA		10
Copper	2.70	U	NA		10
Lead	U	U	NA		10
Nickel	2.06	U	NA		10
Selenium	2.99	U	NA		10
Silver	U	U	NA		10
Thallium	U	U	NA		10
Tin	U	U	NA		10
Vanadium	U	U	NA		10
Zinc	10.1	U	NA		10

* Values outside of QC limits

NA = Not Applicable

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806027

(Sample Delivery Group, SDG)

7470A

(Parameter)

P806156

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** METALS

QC Batch: P806156 **Method:** 7470A

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/13/08	6/13/08	0806027-01		SAMPLE	0806027
6/13/08	6/13/08	0806027-02		SAMPLE	0806027
6/13/08	6/13/08	P806156-BLK1		Method Blank	0806027
6/13/08	6/13/08	P806156-BLK2		Method Blank	0806027
6/13/08	6/13/08	P806156-BS1		LCS	0806027
6/13/08	6/13/08	P806156-BSD1		LCS Dup	0806027
6/13/08	6/13/08	P806156-MS1	0806024-01	Matrix Spike	0806027
6/13/08	6/13/08	P806156-MSD1	0806024-01	Matrix Spike Dup	0806027
6/13/08	6/13/08	P806156-PS1	0806024-01	Post Spike	0806027

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806156-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/13/08 15:35
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806156	Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806156-BLK2
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/13/08 15:41
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806156	Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806156-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/13/08 15:37
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806156	Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.92	ug/L		0.100	0.200	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806156-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/13/08 15:39
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806156	Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.11	ug/L		0.100	0.200	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806156
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Lab Sample ID: ***P806156-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Mercury	2.00	1.92	96.0		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806156

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806156-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Mercury	2.00	2.11	106		80	120	9.43

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806156-MS1
% Solids:	NA	Date Collected:	06/04/08 11:15
Analytical Methdod:	7470A	Date Analyzed:	06/13/08 15:58
Preparation:	EPA 7470A Prep	Date Received:	06/06/08 10:08
Batch:	P806156	Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.03	ug/L		0.102	0.204	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806156-MSD1
% Solids:	NA	Date Collected:	06/04/08 11:15
Analytical Methdod:	7470A	Date Analyzed:	06/13/08 16:00
Preparation:	EPA 7470A Prep	Date Received:	06/06/08 10:08
Batch:	P806156	Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.01	ug/L		0.102	0.204	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806156
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Original Sample ***0806024-01*** ***Lab Sample ID for MS :*** ***P806156-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Mercury	0	2.04	2.03	99.5		80	120

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806156
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Original Sample ***0806024-01*** ***Lab Sample ID for MSD*** ***P806156-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Mercury	0	2.04	2.01	98.5		1.01		80	120	20

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Post Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806156-PS1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	7470A	Date Collected:	06/04/08 11:15
Preparation:	EPA 7470A Prep	Date Analyzed:	06/13/08 16:02
Batch:	P806156	Date Received:	06/06/08 10:08

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.48	ug/L		0.100	0.200	1

Form 5B - Equivalent

POST DIGESTION SPIKE SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc.

Fraction: METALS

Analytical Batch: 8F13005

Prep Batch: P806156

COMPOUND	Original Amount	SPIKE ADDED	PDS Amount	PDS % REC	PDS % REC FLAG	QC. LIMITS LCL	QC. LIMITS UCL
Mercury	ND	2.00	2.48	124	*	80	120

* Values outside of QC limits

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806027

(Sample Delivery Group, SDG)

300.0

(Parameter)

P806142

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc.
Fraction: Wet Chemistry
QC Batch: P806142
Method: 300.0

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/7/08	6/6/08	0806027-01		SAMPLE	0806027
6/6/08	6/6/08	P806142-BLK1		Method Blank	0806027
6/6/08	6/6/08	P806142-BS1		LCS	0806027
6/7/08	6/6/08	P806142-BSD1		LCS Dup	0806027

Form 1 - Equivalent

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P806142-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	300.0	Date Analyzed:	06/06/08 23:35
Preparation:	300.0	Date Received:	
Batch:	P806142	Date Prepared:	06/06/08 12:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N		mg/L	U	0.0570	0.113	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P806142-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	300.0	Date Analyzed:	06/06/08 23:56
Preparation:	300.0	Date Received:	
Batch:	P806142	Date Prepared:	06/06/08 12:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	4.27	mg/L		0.0570	0.113	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P806142-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	300.0	Date Analyzed:	06/07/08 00:17
Preparation:	300.0	Date Received:	
Batch:	P806142	Date Prepared:	06/06/08 12:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-55-8	Nitrate-N	4.39	mg/L		0.0570	0.113	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806142
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Lab Sample ID: ***P806142-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Nitrate-N	4.52	4.27	94.5		90	110

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806142

Fraction: WET Matrix: Water

Units: mg/L

Lab Sample ID: ***P806142-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Nitrate-N	4.52	4.39	97.1		90	110	2.68

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806027

(Sample Delivery Group, SDG)

8082

(Parameter)

P806236

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** GC

QC Batch: P806236 **Method:** 8082

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/19/08	6/12/08	0806027-01		SAMPLE	0806027
6/19/08	6/12/08	P806236-BLK1		Method Blank	0806027
6/19/08	6/12/08	P806236-BS2		LCS	0806027
6/19/08	6/12/08	P806236-BSD2		LCS Dup	0806027

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806236-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8082	Date Analyzed:	06/19/08 01:50
Preparation:	EPA 3510C	Date Received:	
Batch:	P806236	Date Prepared:	06/12/08 09:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016		ug/L	U	0.200	1.00	1
11104-28-2	Aroclor-1221		ug/L	U	0.200	1.00	1
11141-16-5	Aroclor-1232		ug/L	U	0.200	1.00	1
53469-21-9	Aroclor-1242		ug/L	U	0.200	1.00	1
12672-29-6	Aroclor-1248		ug/L	U	0.200	1.00	1
11097-69-1	Aroclor-1254		ug/L	U	0.200	1.00	1
11096-82-5	Aroclor-1260		ug/L	U	0.200	1.00	1
11100-14-4	Aroclor-1268		ug/L	U	0.200	1.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806236-BS2
% Solids:	NA	Date Collected:	
Analytical Methdod:	8082	Date Analyzed:	06/19/08 02:33
Preparation:	EPA 3510C	Date Received:	
Batch:	P806236	Date Prepared:	06/12/08 09:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016	1.74	ug/L		0.200	1.00	1
11096-82-5	Aroclor-1260	1.70	ug/L		0.200	1.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806236-BSD2
% Solids:	NA	Date Collected:	
Analytical Methdod:	8082	Date Analyzed:	06/19/08 02:47
Preparation:	EPA 3510C	Date Received:	
Batch:	P806236	Date Prepared:	06/12/08 09:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016	2.01	ug/L		0.200	1.00	1
11096-82-5	Aroclor-1260	1.92	ug/L		0.200	1.00	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806236
Fraction:	GC	Matrix:	Water
Units:	ug/L		

Lab Sample ID: ***P806236-BS2***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Aroclor-1016	3.00	1.74	58.1		25	145
Aroclor-1260	3.00	1.70	56.6		30	145

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 2

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806236

Fraction: GC Matrix: Water

Units: ug/L

Lab Sample ID: ***P806236-BSD2***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Aroclor-1016	3.00	2.01	67.1		25	145	14.1
Aroclor-1260	3.00	1.92	64.0		30	145	12.2

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 2

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806027

(Sample Delivery Group, SDG)

8081B

(Parameter)

P806236

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** PEST

QC Batch: P806236 **Method:** 8081B

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/19/08	6/12/08	0806027-01		SAMPLE	0806027
6/19/08	6/12/08	P806236-BLK1		Method Blank	0806027
6/19/08	6/12/08	P806236-BS1		LCS	0806027
6/19/08	6/12/08	P806236-BSD1		LCS Dup	0806027

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806236

SLMW-7-5-08 (0806027-01)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
DCB	37.2	30	135	
TCMX	78.2	25	140	

Blank (P806236-BLK1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
DCB	44.3	30	135	
TCMX	59.7	25	140	

LCS (P806236-BS1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
DCB	69.6	30	135	
TCMX	93.0	25	140	

LCS Dup (P806236-BSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
DCB	39.7	30	135	
TCMX	86.1	25	140	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806236-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8081B	Date Analyzed:	06/19/08 01:50
Preparation:	EPA 3510C	Date Received:	
Batch:	P806236	Date Prepared:	06/12/08 09:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD		ug/L	U	0.0250	0.0500	1
72-55-9	4,4'-DDE		ug/L	U	0.0250	0.0500	1
50-29-3	4,4'-DDT		ug/L	U	0.0250	0.0500	1
309-00-2	Aldrin		ug/L	U	0.0125	0.0250	1
319-84-6	alpha-BHC		ug/L	U	0.0125	0.0250	1
57-74-9	Chlordane (Technical)		ug/L	U	0.250	0.500	1
5103-71-9	alpha-Chlordane		ug/L	U	0.0125	0.0250	1
319-85-7	beta-BHC		ug/L	U	0.0125	0.0250	1
319-86-8	delta-BHC		ug/L	U	0.0125	0.0250	1
60-57-1	Dieldrin		ug/L	U	0.0250	0.0500	1
959-98-8	Endosulfan I		ug/L	U	0.0125	0.0250	1
33213-65-9	Endosulfan II		ug/L	U	0.0250	0.0500	1
1031-07-8	Endosulfan sulfate		ug/L	U	0.0250	0.0500	1
72-20-8	Endrin		ug/L	U	0.0250	0.0500	1
7421-93-4	Endrin aldehyde		ug/L	U	0.0250	0.0500	1
53494-70-5	Endrin ketone		ug/L	U	0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)		ug/L	U	0.0125	0.0250	1
5103-74-2	gamma-Chlordane		ug/L	U	0.0125	0.0250	1
76-44-8	Heptachlor		ug/L	U	0.0125	0.0250	1
1024-57-3	Heptachlor epoxide		ug/L	U	0.0125	0.0250	1
72-43-5	Methoxychlor		ug/L	U	0.125	0.250	1
8001-35-2	Toxaphene		ug/L	U	1.00	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806236-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8081B	Date Analyzed:	06/19/08 12:45
Preparation:	EPA 3510C	Date Received:	
Batch:	P806236	Date Prepared:	06/12/08 09:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD	0.616	ug/L		0.0250	0.0500	1
72-55-9	4,4'-DDE	0.578	ug/L		0.0250	0.0500	1
50-29-3	4,4'-DDT	0.565	ug/L		0.0250	0.0500	1
309-00-2	Aldrin	0.218	ug/L		0.0125	0.0250	1
319-84-6	alpha-BHC	0.289	ug/L		0.0125	0.0250	1
5103-71-9	alpha-Chlordane	0.273	ug/L		0.0125	0.0250	1
319-84-6	beta-BHC	0.288	ug/L		0.0125	0.0250	1
319-86-8	delta-BHC	0.143	ug/L		0.0125	0.0250	1
60-57-1	Dieldrin	0.594	ug/L		0.0250	0.0500	1
959-98-8	Endosulfan I	0.289	ug/L		0.0125	0.0250	1
33213-65-9	Endosulfan II	0.592	ug/L		0.0250	0.0500	1
1031-07-8	Endosulfan sulfate	0.505	ug/L		0.0250	0.0500	1
72-20-8	Endrin	0.606	ug/L		0.0250	0.0500	1
7421-93-4	Endrin aldehyde	0.577	ug/L		0.0250	0.0500	1
53494-70-5	Endrin ketone	0.590	ug/L		0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)	0.285	ug/L		0.0125	0.0250	1
5103-74-2	gamma-Chlordane	0.267	ug/L		0.0125	0.0250	1
76-44-8	Heptachlor	0.246	ug/L		0.0125	0.0250	1
1024-57-3	Heptachlor epoxide	0.284	ug/L		0.0125	0.0250	1
72-43-5	Methoxychlor	2.93	ug/L		0.125	0.250	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806236-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8081B	Date Analyzed:	06/19/08 12:59
Preparation:	EPA 3510C	Date Received:	
Batch:	P806236	Date Prepared:	06/12/08 09:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD	0.509	ug/L		0.0250	0.0500	1
72-55-9	4,4'-DDE	0.468	ug/L		0.0250	0.0500	1
50-29-3	4,4'-DDT	0.455	ug/L		0.0250	0.0500	1
309-00-2	Aldrin	0.193	ug/L		0.0125	0.0250	1
319-84-6	alpha-BHC	0.256	ug/L		0.0125	0.0250	1
5103-71-9	alpha-Chlordane	0.234	ug/L		0.0125	0.0250	1
319-84-6	beta-BHC	0.255	ug/L		0.0125	0.0250	1
319-86-8	delta-BHC	0.126	ug/L		0.0125	0.0250	1
60-57-1	Dieldrin	0.516	ug/L		0.0250	0.0500	1
959-98-8	Endosulfan I	0.256	ug/L		0.0125	0.0250	1
33213-65-9	Endosulfan II	0.518	ug/L		0.0250	0.0500	1
1031-07-8	Endosulfan sulfate	0.435	ug/L		0.0250	0.0500	1
72-20-8	Endrin	0.529	ug/L		0.0250	0.0500	1
7421-93-4	Endrin aldehyde	0.507	ug/L		0.0250	0.0500	1
53494-70-5	Endrin ketone	0.548	ug/L		0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)	0.252	ug/L		0.0125	0.0250	1
5103-74-2	gamma-Chlordane	0.228	ug/L		0.0125	0.0250	1
76-44-8	Heptachlor	0.220	ug/L		0.0125	0.0250	1
1024-57-3	Heptachlor epoxide	0.252	ug/L		0.0125	0.0250	1
72-43-5	Methoxychlor	2.44	ug/L		0.125	0.250	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806236

Fraction: PEST Matrix: Water

Units: ug/L

Lab Sample ID: ***P806236-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
4,4'-DDD	0.700	0.616	88.0		25	150
4,4'-DDE	0.700	0.578	82.6		35	140
4,4'-DDT	0.700	0.565	80.8		45	140
Aldrin	0.350	0.218	62.3		25	140
alpha-BHC	0.350	0.289	82.6		60	130
alpha-Chlordane	0.350	0.273	78.1		65	125
beta-BHC	0.350	0.288	82.2		65	125
delta-BHC	0.350	0.143	41.0	ME	45	135
Dieldrin	0.700	0.594	84.9		60	130
Endosulfan I	0.350	0.289	82.5		50	110
Endosulfan II	0.700	0.592	84.5		30	130
Endosulfan sulfate	0.700	0.505	72.1		55	135
Endrin	0.700	0.606	86.5		55	135
Endrin aldehyde	0.700	0.577	82.4		55	135
Endrin ketone	0.700	0.590	84.3		75	125
gamma-BHC (Lindane)	0.350	0.285	81.5		25	135
gamma-Chlordane	0.350	0.267	76.2		60	125
Heptachlor	0.350	0.246	70.2		40	130
Heptachlor epoxide	0.350	0.284	81.2		60	130
Methoxychlor	3.50	2.93	83.7		55	150

Actual Number of Marginal Exceedences: 1

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 20

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806236

Fraction: PEST Matrix: Water

Units: ug/L

Lab Sample ID: ***P806236-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
4,4'-DDD	0.700	0.509	72.7		25	150	19.0
4,4'-DDE	0.700	0.468	66.9		35	140	21.1
4,4'-DDT	0.700	0.455	65.0		45	140	21.7
Aldrin	0.350	0.193	55.2		25	140	12.0
alpha-BHC	0.350	0.256	73.1		60	130	12.2
alpha-Chlordane	0.350	0.234	66.8		65	125	15.6
beta-BHC	0.350	0.255	72.9		65	125	11.9
delta-BHC	0.350	0.126	36.0	ME	45	135	12.9
Dieldrin	0.700	0.516	73.7		60	130	14.2
Endosulfan I	0.350	0.256	73.0		50	110	12.2
Endosulfan II	0.700	0.518	74.0		30	130	13.2
Endosulfan sulfate	0.700	0.435	62.2		55	135	14.8
Endrin	0.700	0.529	75.5		55	135	13.6
Endrin aldehyde	0.700	0.507	72.4		55	135	12.8
Endrin ketone	0.700	0.548	78.3		75	125	14.9
gamma-BHC (Lindane)	0.350	0.252	72.0		25	135	12.3
gamma-Chlordane	0.350	0.228	65.0		60	125	15.8
Heptachlor	0.350	0.220	62.9		40	130	10.9
Heptachlor epoxide	0.350	0.252	71.9		60	130	12.2
Methoxychlor	3.50	2.44	69.8		55	150	18.1

Actual Number of Marginal Exceedences: 1

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 20

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806027

(Sample Delivery Group, SDG)

8270C

(Parameter)

P806190

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc.
QC Batch: P806190
Fraction: GC Extractables
Method: 8270C

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/19/08	6/11/08	0806027-01		SAMPLE	0806027
6/19/08	6/11/08	P806190-BLK1		Method Blank	0806027
6/19/08	6/11/08	P806190-BS1		LCS	0806027
6/19/08	6/11/08	P806190-BSD1		LCS Dup	0806027

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806190

SLMW-7-5-08 (0806027-01)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
2,4,6-Tribromophenol	49.7	40	125	
2-Fluorobiphenyl	53.0	40	140	
2-Fluorophenol	33.3	20	110	
Nitrobenzene-d5	55.1	40	110	
Phenol-d5	30.8	10	115	
Terphenyl-d14	61.8	50	135	

Blank (P806190-BLK1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
2,4,6-Tribromophenol	66.7	40	125	
2-Fluorobiphenyl	69.5	40	140	
2-Fluorophenol	52.1	20	110	
Nitrobenzene-d5	73.7	40	110	
Phenol-d5	39.2	10	115	
Terphenyl-d14	95.0	50	135	

LCS (P806190-BS1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
2,4,6-Tribromophenol	79.7	40	125	
2-Fluorobiphenyl	79.8	40	140	
2-Fluorophenol	55.8	20	110	
Nitrobenzene-d5	81.5	40	110	
Phenol-d5	39.2	10	115	
Terphenyl-d14	98.0	50	135	

LCS Dup (P806190-BSD1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
2,4,6-Tribromophenol	70.0	40	125	
2-Fluorobiphenyl	72.4	40	140	
2-Fluorophenol	55.5	20	110	
Nitrobenzene-d5	78.9	40	110	
Phenol-d5	39.7	10	115	
Terphenyl-d14	85.4	50	135	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806190-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/19/08 16:06
Preparation:	EPA 3510C	Date Received:	
Batch:	P806190	Date Prepared:	06/11/08 12:02

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.250	10.0	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.230	10.0	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.360	10.0	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol		ug/L	U	0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol		ug/L	U	0.670	10.0	1
120-83-2	2,4-Dichlorophenol		ug/L	U	0.360	10.0	1
105-67-9	2,4-Dimethylphenol		ug/L	U	0.230	10.0	1
51-28-5	2,4-Dinitrophenol		ug/L	U	1.59	10.0	1
121-14-2	2,4-Dinitrotoluene		ug/L	U	0.350	10.0	1
606-20-2	2,6-Dinitrotoluene		ug/L	U	0.240	10.0	1
91-58-7	2-Chloronaphthalene		ug/L	U	0.160	10.0	1
95-57-8	2-Chlorophenol		ug/L	U	0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol		ug/L	U	0.950	10.0	1
91-57-6	2-Methylnaphthalene		ug/L	U	2.62	10.0	1
95-48-7	2-Methylphenol		ug/L	U	0.310	10.0	1
88-74-4	2-Nitroaniline		ug/L	U	0.430	10.0	1
88-75-5	2-Nitrophenol		ug/L	U	0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine		ug/L	U	1.46	10.0	1
99-09-2	3-Nitroaniline		ug/L	U	0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether		ug/L	U	0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol		ug/L	U	0.250	10.0	1
106-47-8	4-Chloroaniline		ug/L	U	0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether		ug/L	U	0.470	10.0	1
100-01-6	4-Nitroaniline		ug/L	U	3.53	10.0	1
100-02-7	4-Nitrophenol		ug/L	U	0.810	10.0	1
83-32-9	Acenaphthene		ug/L	U	0.180	10.0	1
208-96-8	Acenaphthylene		ug/L	U	0.120	10.0	1
120-12-7	Anthracene		ug/L	U	0.220	10.0	1
56-55-3	Benzo(a)anthracene		ug/L	U	0.090	10.0	1
50-32-8	Benzo(a)pyrene		ug/L	U	0.120	10.0	1
205-99-2	Benzo(b)fluoranthene		ug/L	U	0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene		ug/L	U	0.440	10.0	1
207-08-9	Benzo(k)fluoranthene		ug/L	U	0.860	10.0	1
65-85-0	Benzoic acid		ug/L	U	2.35	10.0	1
100-51-6	Benzyl alcohol		ug/L	U	0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane		ug/L	U	0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether		ug/L	U	0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether		ug/L	U	0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate		ug/L	U	0.590	10.0	1
85-68-7	Butyl benzyl phthalate		ug/L	U	0.410	10.0	1
86-74-8	Carbazole		ug/L	U	0.340	10.0	1
218-01-9	Chrysene		ug/L	U	0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene		ug/L	U	2.26	10.0	1
132-64-9	Dibenzofuran		ug/L	U	0.170	10.0	1
84-66-2	Diethyl phthalate		ug/L	U	0.410	10.0	1
131-11-3	Dimethyl phthalate		ug/L	U	0.310	10.0	1
84-74-2	Di-n-butyl phthalate		ug/L	U	0.220	10.0	1
117-84-0	Di-n-octyl phthalate		ug/L	U	1.88	10.0	1
122-39-4	Diphenylamine		ug/L	U	0.630	10.0	1

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806190-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/19/08 16:06
Preparation:	EPA 3510C	Date Received:	
Batch:	P806190	Date Prepared:	06/11/08 12:02

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
206-44-0	Fluoranthene		ug/L	U	0.220	10.0	1
86-73-7	Fluorene		ug/L	U	0.420	10.0	1
118-74-1	Hexachlorobenzene		ug/L	U	0.130	10.0	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene		ug/L	U	0.320	10.0	1
67-72-1	Hexachloroethane		ug/L	U	0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene		ug/L	U	1.56	10.0	1
78-59-1	Isophorone		ug/L	U	0.120	10.0	1
91-20-3	Naphthalene		ug/L	U	0.240	10.0	1
98-95-3	Nitrobenzene		ug/L	U	0.330	10.0	1
62-75-9	N-Nitrosodimethylamine		ug/L	U	0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine		ug/L	U	0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine		ug/L	U	0.140	10.0	1
87-86-5	Pentachlorophenol		ug/L	U	0.300	10.0	1
85-01-8	Phenanthrene		ug/L	U	0.240	10.0	1
108-95-2	Phenol		ug/L	U	0.120	10.0	1
129-00-0	Pyrene		ug/L	U	0.400	10.0	1
34MP	3 & 4 Methylphenol		ug/L	U	4.00	20.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806190-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/19/08 16:31
Preparation:	EPA 3510C	Date Received:	
Batch:	P806190	Date Prepared:	06/11/08 12:02

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene	36.5	ug/L		0.250	10.0	1
95-50-1	1,2-Dichlorobenzene	34.8	ug/L		0.230	10.0	1
541-73-1	1,3-Dichlorobenzene	33.8	ug/L		0.360	10.0	1
106-46-7	1,4-Dichlorobenzene	34.4	ug/L		0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol	40.7	ug/L		0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol	39.5	ug/L		0.670	10.0	1
120-83-2	2,4-Dichlorophenol	38.6	ug/L		0.360	10.0	1
105-67-9	2,4-Dimethylphenol	38.9	ug/L		0.230	10.0	1
51-28-5	2,4-Dinitrophenol	13.0	ug/L		1.59	10.0	1
121-14-2	2,4-Dinitrotoluene	41.1	ug/L		0.350	10.0	1
606-20-2	2,6-Dinitrotoluene	41.8	ug/L		0.240	10.0	1
91-58-7	2-Chloronaphthalene	39.4	ug/L		0.160	10.0	1
95-57-8	2-Chlorophenol	37.4	ug/L		0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol	37.9	ug/L		0.950	10.0	1
91-57-6	2-Methylnaphthalene	40.0	ug/L		2.62	10.0	1
95-48-7	2-Methylphenol	33.8	ug/L		0.310	10.0	1
88-74-4	2-Nitroaniline	40.8	ug/L		0.430	10.0	1
88-75-5	2-Nitrophenol	38.6	ug/L		0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine	43.1	ug/L		1.46	10.0	1
99-09-2	3-Nitroaniline	48.3	ug/L		0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether	41.5	ug/L		0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol	39.0	ug/L		0.250	10.0	1
106-47-8	4-Chloroaniline	24.3	ug/L		0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether	42.0	ug/L		0.470	10.0	1
100-01-6	4-Nitroaniline	39.1	ug/L		3.53	10.0	1
100-02-7	4-Nitrophenol	18.2	ug/L		0.810	10.0	1
83-32-9	Acenaphthene	42.1	ug/L		0.180	10.0	1
208-96-8	Acenaphthylene	41.5	ug/L		0.120	10.0	1
120-12-7	Anthracene	44.6	ug/L		0.220	10.0	1
56-55-3	Benzo(a)anthracene	44.5	ug/L		0.090	10.0	1
50-32-8	Benzo(a)pyrene	43.0	ug/L		0.120	10.0	1
205-99-2	Benzo(b)fluoranthene	42.3	ug/L		0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene	40.9	ug/L		0.440	10.0	1
207-08-9	Benzo(k)fluoranthene	44.5	ug/L		0.860	10.0	1
65-85-0	Benzoic acid	8.31	ug/L	J	2.35	10.0	1
100-51-6	Benzyl alcohol	37.7	ug/L		0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane	42.1	ug/L		0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether	38.5	ug/L		0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether	42.9	ug/L		0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate	44.4	ug/L		0.590	10.0	1
85-68-7	Butyl benzyl phthalate	43.9	ug/L		0.410	10.0	1
86-74-8	Carbazole	45.9	ug/L		0.340	10.0	1
218-01-9	Chrysene	44.6	ug/L		0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene	41.0	ug/L		2.26	10.0	1
132-64-9	Dibenzofuran	42.8	ug/L		0.170	10.0	1
84-66-2	Diethyl phthalate	43.9	ug/L		0.410	10.0	1
131-11-3	Dimethyl phthalate	41.4	ug/L		0.310	10.0	1
84-74-2	Di-n-butyl phthalate	46.4	ug/L		0.220	10.0	1
117-84-0	Di-n-octyl phthalate	45.1	ug/L		1.88	10.0	1
122-39-4	Diphenylamine	43.5	ug/L		0.630	10.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806190-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/19/08 16:31
Preparation:	EPA 3510C	Date Received:	
Batch:	P806190	Date Prepared:	06/11/08 12:02

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
206-44-0	Fluoranthene	44.3	ug/L		0.220	10.0	1
86-73-7	Fluorene	43.7	ug/L		0.420	10.0	1
118-74-1	Hexachlorobenzene	40.7	ug/L		0.130	10.0	1
87-68-3	Hexachlorobutadiene	33.2	ug/L		0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene	21.8	ug/L		0.320	10.0	1
67-72-1	Hexachloroethane	33.4	ug/L		0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene	40.9	ug/L		1.56	10.0	1
78-59-1	Isophorone	44.5	ug/L		0.120	10.0	1
91-20-3	Naphthalene	41.0	ug/L		0.240	10.0	1
98-95-3	Nitrobenzene	41.6	ug/L		0.330	10.0	1
62-75-9	N-Nitrosodimethylamine	31.7	ug/L		0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine	40.1	ug/L		0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine	43.2	ug/L		0.140	10.0	1
87-86-5	Pentachlorophenol	40.0	ug/L		0.300	10.0	1
85-01-8	Phenanthrene	44.3	ug/L		0.240	10.0	1
108-95-2	Phenol	19.0	ug/L		0.120	10.0	1
129-00-0	Pyrene	46.3	ug/L		0.400	10.0	1
34MP	3 & 4 Methylphenol	66.2	ug/L		4.00	20.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806190-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/19/08 16:56
Preparation:	EPA 3510C	Date Received:	
Batch:	P806190	Date Prepared:	06/11/08 12:02

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene	28.2	ug/L		0.250	10.0	1
95-50-1	1,2-Dichlorobenzene	28.7	ug/L		0.230	10.0	1
541-73-1	1,3-Dichlorobenzene	27.8	ug/L		0.360	10.0	1
106-46-7	1,4-Dichlorobenzene	29.3	ug/L		0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol	37.3	ug/L		0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol	36.0	ug/L		0.670	10.0	1
120-83-2	2,4-Dichlorophenol	36.4	ug/L		0.360	10.0	1
105-67-9	2,4-Dimethylphenol	36.7	ug/L		0.230	10.0	1
51-28-5	2,4-Dinitrophenol	36.1	ug/L		1.59	10.0	1
121-14-2	2,4-Dinitrotoluene	37.3	ug/L		0.350	10.0	1
606-20-2	2,6-Dinitrotoluene	37.0	ug/L		0.240	10.0	1
91-58-7	2-Chloronaphthalene	33.4	ug/L		0.160	10.0	1
95-57-8	2-Chlorophenol	35.7	ug/L		0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol	37.9	ug/L		0.950	10.0	1
91-57-6	2-Methylnaphthalene	33.2	ug/L		2.62	10.0	1
95-48-7	2-Methylphenol	32.9	ug/L		0.310	10.0	1
88-74-4	2-Nitroaniline	37.7	ug/L		0.430	10.0	1
88-75-5	2-Nitrophenol	37.5	ug/L		0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine	36.6	ug/L		1.46	10.0	1
99-09-2	3-Nitroaniline	41.9	ug/L		0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether	38.1	ug/L		0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol	36.0	ug/L		0.250	10.0	1
106-47-8	4-Chloroaniline	22.2	ug/L		0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether	36.9	ug/L		0.470	10.0	1
100-01-6	4-Nitroaniline	34.4	ug/L		3.53	10.0	1
100-02-7	4-Nitrophenol	18.8	ug/L		0.810	10.0	1
83-32-9	Acenaphthene	36.7	ug/L		0.180	10.0	1
208-96-8	Acenaphthylene	36.9	ug/L		0.120	10.0	1
120-12-7	Anthracene	41.3	ug/L		0.220	10.0	1
56-55-3	Benzo(a)anthracene	40.4	ug/L		0.090	10.0	1
50-32-8	Benzo(a)pyrene	39.5	ug/L		0.120	10.0	1
205-99-2	Benzo(b)fluoranthene	38.6	ug/L		0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene	38.5	ug/L		0.440	10.0	1
207-08-9	Benzo(k)fluoranthene	40.3	ug/L		0.860	10.0	1
65-85-0	Benzoic acid	19.3	ug/L		2.35	10.0	1
100-51-6	Benzyl alcohol	36.8	ug/L		0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane	39.2	ug/L		0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether	38.2	ug/L		0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether	40.1	ug/L		0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate	38.7	ug/L		0.590	10.0	1
85-68-7	Butyl benzyl phthalate	39.7	ug/L		0.410	10.0	1
86-74-8	Carbazole	39.9	ug/L		0.340	10.0	1
218-01-9	Chrysene	40.7	ug/L		0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene	37.7	ug/L		2.26	10.0	1
132-64-9	Dibenzofuran	38.4	ug/L		0.170	10.0	1
84-66-2	Diethyl phthalate	39.6	ug/L		0.410	10.0	1
131-11-3	Dimethyl phthalate	36.1	ug/L		0.310	10.0	1
84-74-2	Di-n-butyl phthalate	41.6	ug/L		0.220	10.0	1
117-84-0	Di-n-octyl phthalate	39.6	ug/L		1.88	10.0	1
122-39-4	Diphenylamine	39.0	ug/L		0.630	10.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806027
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806190-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/19/08 16:56
Preparation:	EPA 3510C	Date Received:	
Batch:	P806190	Date Prepared:	06/11/08 12:02

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
206-44-0	Fluoranthene	41.3	ug/L		0.220	10.0	1
86-73-7	Fluorene	38.7	ug/L		0.420	10.0	1
118-74-1	Hexachlorobenzene	38.2	ug/L		0.130	10.0	1
87-68-3	Hexachlorobutadiene	26.0	ug/L		0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene	15.5	ug/L		0.320	10.0	1
67-72-1	Hexachloroethane	26.3	ug/L		0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene	39.0	ug/L		1.56	10.0	1
78-59-1	Isophorone	41.7	ug/L		0.120	10.0	1
91-20-3	Naphthalene	35.3	ug/L		0.240	10.0	1
98-95-3	Nitrobenzene	39.8	ug/L		0.330	10.0	1
62-75-9	N-Nitrosodimethylamine	31.2	ug/L		0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine	38.6	ug/L		0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine	40.0	ug/L		0.140	10.0	1
87-86-5	Pentachlorophenol	37.8	ug/L		0.300	10.0	1
85-01-8	Phenanthrene	40.6	ug/L		0.240	10.0	1
108-95-2	Phenol	19.1	ug/L		0.120	10.0	1
129-00-0	Pyrene	41.5	ug/L		0.400	10.0	1
34MP	3 & 4 Methylphenol	63.7	ug/L		4.00	20.0	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806190

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806190-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
1,2,4-Trichlorobenzene	50.0	36.5	73.0		35	105
1,2-Dichlorobenzene	50.0	34.8	69.7		35	100
1,3-Dichlorobenzene	50.0	33.8	67.6		30	100
1,4-Dichlorobenzene	50.0	34.4	68.9		30	100
2,4,5-Trichlorophenol	50.0	40.7	81.4		50	110
2,4,6-Trichlorophenol	50.0	39.5	78.9		50	115
2,4-Dichlorophenol	50.0	38.6	77.3		50	105
2,4-Dimethylphenol	50.0	38.9	77.8		30	110
2,4-Dinitrophenol	50.0	13.0	26.1		15	140
2,4-Dinitrotoluene	50.0	41.1	82.3		50	120
2,6-Dinitrotoluene	50.0	41.8	83.5		50	115
2-Chloronaphthalene	50.0	39.4	78.8		50	105
2-Chlorophenol	50.0	37.4	74.8		35	105
2-Methyl-4,6-dinitrophenol	50.0	37.9	75.8		45	135
2-Methylnaphthalene	50.0	40.0	80.1		45	105
2-Methylphenol	50.0	33.8	67.5		40	110
2-Nitroaniline	50.0	40.8	81.7		50	115
2-Nitrophenol	50.0	38.6	77.3		40	115
3,3'-Dichlorobenzidine	50.0	43.1	86.1		20	110
3-Nitroaniline	50.0	48.3	96.7		20	125
4-Bromophenyl phenyl ether	50.0	41.5	83.1		50	115
4-Chloro-3-methylphenol	50.0	39.0	78.0		45	110
4-Chloroaniline	50.0	24.3	48.6		15	110
4-Chlorophenyl phenyl ether	50.0	42.0	84.1		50	110
4-Nitroaniline	50.0	39.1	78.2		35	120
4-Nitrophenol	50.0	18.2	36.3	ME	45	135
Acenaphthene	50.0	42.1	84.2		45	110
Acenaphthylene	50.0	41.5	83.0		50	105
Anthracene	50.0	44.6	89.2		55	110
Benzo(a)anthracene	50.0	44.5	89.0		55	110
Benzo(a)pyrene	50.0	43.0	86.0		55	110
Benzo(b)fluoranthene	50.0	42.3	84.5		45	120
Benzo (g,h,i) perylene	50.0	40.9	81.7		40	125
Benzo(k)fluoranthene	50.0	44.5	89.1		45	125
Benzoic acid	50.0	8.31	16.6	ME	20	145
Benzyl alcohol	50.0	37.7	75.3		45	135
Bis(2-chloroethoxy)methane	50.0	42.1	84.2		45	105
Bis(2-chloroethyl)ether	50.0	38.5	77.0		35	110
Bis(2-chloroisopropyl) ether	50.0	42.9	85.7		25	130
Bis(2-ethylhexyl) phthalate	50.0	44.4	88.7		40	125
Butyl benzyl phthalate	50.0	43.9	87.9		45	115
Carbazole	50.0	45.9	91.8		50	115
Chrysene	50.0	44.6	89.1		55	110
Dibenz(a,h)anthracene	50.0	41.0	82.0		40	125
Dibenzofuran	50.0	42.8	85.5		55	105
Diethyl phthalate	50.0	43.9	87.8		40	120
Dimethyl phthalate	50.0	41.4	82.8		25	125
Di-n-butyl phthalate	50.0	46.4	92.7		55	115
Di-n-octyl phthalate	50.0	45.1	90.1		35	135
Diphenylamine	50.0	43.5	86.9		45	135
Fluoranthene	50.0	44.3	88.7		55	115
Fluorene	50.0	43.7	87.3		50	110
Hexachlorobenzene	50.0	40.7	81.4		50	110
Hexachlorobutadiene	50.0	33.2	66.3		25	105

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806190

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806190-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Hexachlorocyclopentadiene	50.0	21.8	43.6		30	145
Hexachloroethane	50.0	33.4	66.7		30	95
Indeno (1,2,3-cd) pyrene	50.0	40.9	81.7		45	125
Isophorone	50.0	44.5	89.1		50	110
Naphthalene	50.0	41.0	81.9		40	100
Nitrobenzene	50.0	41.6	83.1		45	110
N-Nitrosodimethylamine	50.0	31.7	63.4		20	115
N-Nitrosodi-n-propylamine	50.0	40.1	80.3		35	130
N-Nitrosodiphenylamine	50.0	43.2	86.5		50	110
Pentachlorophenol	50.0	40.0	80.1		40	115
Phenanthrene	50.0	44.3	88.5		50	115
Phenol	50.0	19.0	37.9	ME	45	135
Pyrene	50.0	46.3	92.6		50	130
3 & 4 Methylphenol	100	66.2	66.2		30	110

Actual Number of Marginal Exceedences: 3

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806190

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806190-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
1,2,4-Trichlorobenzene	50.0	28.2	56.4		35	105	25.6
1,2-Dichlorobenzene	50.0	28.7	57.3		35	100	19.5
1,3-Dichlorobenzene	50.0	27.8	55.5		30	100	19.7
1,4-Dichlorobenzene	50.0	29.3	58.6		30	100	16.2
2,4,5-Trichlorophenol	50.0	37.3	74.7		50	110	8.64
2,4,6-Trichlorophenol	50.0	36.0	72.0		50	115	9.11
2,4-Dichlorophenol	50.0	36.4	72.8		50	105	5.92
2,4-Dimethylphenol	50.0	36.7	73.3		30	110	5.90
2,4-Dinitrophenol	50.0	36.1	72.2		15	140	93.8
2,4-Dinitrotoluene	50.0	37.3	74.6		50	120	9.84
2,6-Dinitrotoluene	50.0	37.0	74.0		50	115	12.1
2-Chloronaphthalene	50.0	33.4	66.8		50	105	16.5
2-Chlorophenol	50.0	35.7	71.4		35	105	4.60
2-Methyl-4,6-dinitrophenol	50.0	37.9	75.8		45	135	0.00
2-Methylnaphthalene	50.0	33.2	66.3		45	105	18.7
2-Methylphenol	50.0	32.9	65.9		40	110	2.49
2-Nitroaniline	50.0	37.7	75.5		50	115	7.87
2-Nitrophenol	50.0	37.5	75.0		40	115	3.02
3,3'-Dichlorobenzidine	50.0	36.6	73.2		20	110	16.3
3-Nitroaniline	50.0	41.9	83.8		20	125	14.3
4-Bromophenyl phenyl ether	50.0	38.1	76.3		50	115	8.53
4-Chloro-3-methylphenol	50.0	36.0	72.0		45	110	7.92
4-Chloroaniline	50.0	22.2	44.5		15	110	8.89
4-Chlorophenyl phenyl ether	50.0	36.9	73.8		50	110	13.0
4-Nitroaniline	50.0	34.4	68.7		35	120	12.9
4-Nitrophenol	50.0	18.8	37.6	ME	45	135	3.52
Acenaphthene	50.0	36.7	73.4		45	110	13.8
Acenaphthylene	50.0	36.9	73.9		50	105	11.6
Anthracene	50.0	41.3	82.7		55	110	7.63
Benzo(a)anthracene	50.0	40.4	80.9		55	110	9.58
Benzo(a)pyrene	50.0	39.5	79.0		55	110	8.44
Benzo(b)fluoranthene	50.0	38.6	77.1		45	120	9.13
Benzo (g,h,i) perylene	50.0	38.5	77.0		40	125	5.95
Benzo(k)fluoranthene	50.0	40.3	80.6		45	125	10.0
Benzoic acid	50.0	19.3	38.6		20	145	79.7
Benzyl alcohol	50.0	36.8	73.5		45	135	2.45
Bis(2-chloroethoxy)methane	50.0	39.2	78.5		45	105	7.01
Bis(2-chloroethyl)ether	50.0	38.2	76.4		35	110	0.782
Bis(2-chloroisopropyl) ether	50.0	40.1	80.2		25	130	6.65
Bis(2-ethylhexyl) phthalate	50.0	38.7	77.4		40	125	13.6
Butyl benzyl phthalate	50.0	39.7	79.3		45	115	10.2
Carbazole	50.0	39.9	79.8		50	115	14.0
Chrysene	50.0	40.7	81.4		55	110	9.08
Dibenz(a,h)anthracene	50.0	37.7	75.5		40	125	8.23
Dibenzofuran	50.0	38.4	76.8		55	105	10.8
Diethyl phthalate	50.0	39.6	79.1		40	120	10.4
Dimethyl phthalate	50.0	36.1	72.2		25	125	13.7
Di-n-butyl phthalate	50.0	41.6	83.1		55	115	10.9
Di-n-octyl phthalate	50.0	39.6	79.1		35	135	13.0
Diphenylamine	50.0	39.0	78.0		45	135	10.8
Fluoranthene	50.0	41.3	82.5		55	115	7.20
Fluorene	50.0	38.7	77.5		50	110	12.0
Hexachlorobenzene	50.0	38.2	76.3		50	110	6.49
Hexachlorobutadiene	50.0	26.0	52.1		25	105	24.1

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806190

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806190-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Hexachlorocyclopentadiene	50.0	15.5	31.0		30	145	33.8
Hexachloroethane	50.0	26.3	52.7		30	95	23.6
Indeno (1,2,3-cd) pyrene	50.0	39.0	78.0		45	125	4.63
Isophorone	50.0	41.7	83.4		50	110	6.52
Naphthalene	50.0	35.3	70.7		40	100	14.7
Nitrobenzene	50.0	39.8	79.6		45	110	4.30
N-Nitrosodimethylamine	50.0	31.2	62.3		20	115	1.69
N-Nitrosodi-n-propylamine	50.0	38.6	77.2		35	130	3.91
N-Nitrosodiphenylamine	50.0	40.0	79.9		50	110	7.86
Pentachlorophenol	50.0	37.8	75.5		40	115	5.86
Phenanthrene	50.0	40.6	81.3		50	115	8.50
Phenol	50.0	19.1	38.2	ME	45	135	0.788
Pyrene	50.0	41.5	83.0		50	130	10.9
3 & 4 Methylphenol	100	63.7	63.7		30	110	3.88

Actual Number of Marginal Exceedences: 2

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

July 11, 2008

Mr. Judson Smith
Project Chemist, CESAS-EN-GG
U.S. Army Corps of Engineers, Savannah District
100 W. Oglethorpe Ave.
P. O. Box 889
Savannah, GA 31401-0360
Phone: 912-652-5673
Fax: 912-652-5311

Dear Mr. Smith:

RE: Ft. Bragg Longstreet Landfill, DO# 0109
W912HN-05-D-0013
AML Work Order Number: **0806029**

Attached, please find the hardcopy analytical report (242 total pages) for environmental samples collected by CESAS for the project described above. The analytical results included in this report relate only to the samples received by Analytical Management Laboratories (AML). Problems encountered in the analysis of these samples are documented in the laboratory case narrative observations and non-conformances and/or data qualifiers. The case narrative is an integral part of this report. This report has been paginated and may not be reproduced for distribution, except in full, without the written approval of AML. Results are reported to three significant figures; the third significant figure may be estimated. Please feel free to contact me by phone (913-829-0101-ext. 23), fax (913-829-1181) or email (rstrauss@amlabinc.com) if you have any questions.

Respectfully Submitted,
Analytical Management Laboratories, Inc.

Rebecca E. Strauss

Rebecca Strauss
Project Manager

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Case Narrative

Project and Sample Information

Task order information, completed copies of the chain of custody form(s), and Analytical Management Laboratories (AML) sample condition upon receipt form (s) are included in the Project and Sample Information section. The AML laboratory information management system (LIMS)-generated sample status and receipt report, showing field sample identifiers and corresponding laboratory identifiers is also included.

Reports

The hardcopy laboratory reports and electronic data deliverables (EDDs) were prepared using the Promium Element Data System (LIMS). Under the procedure used by the laboratory, the hardcopy reports are generated using information contained in a database, which is also used to generate electronic deliverables to assure data integrity between the two media. The attached report is organized as follows:

Cover Letter
Laboratory Case Narrative
Sample Information
Sample Result Forms, organized in the following order: by test and by sample.

Quality Control (QC) Summary Reports, organized in the following order: by test, by matrix, and by QC batch number. The QC Summary for each analytical batch contains the following, when applicable:

1. QC Association Form
2. Surrogate Recovery Summary, when applicable
3. Method Blank (MB) Results
4. Laboratory Control Sample (LCS) Results
5. LCS duplicate (LCSD) Results, when available
6. LCS Recoveries Summary
7. LCSD (when applicable) Recoveries and RPD Summary
8. Matrix Spike (MS) Results
9. MS duplicate (MSD) Results
10. MS Recoveries Summary
11. MSD Recoveries and RPD Summary

Sample Result Forms
Sample results are shown on modified Form 1 equivalents with the following qualifiers:
U = Not detected or detected below method detection limit (MDL) or the limit of detection (LOD).
J = Detected above MDL or LOD but below the limit of quantitation (LOQ).

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

P = RPD >40% between primary and confirmation column results for dual column chromatographic methods (e.g. GC and HPLC methods).
E = Detected at levels in excess of the upper calibration limit.
B = Detected in the associated method blank
Q1 = The %D or %Drift for the associated CCV is outside the method and/or laboratory established QC limit with a high bias.
Q2 = The %D or %Drift for the associated CCV is outside the method and/or laboratory established QC limit with a low bias.
* = Exceeds QC limits
ME = Marginal exceedence of the 3-sigma QC limits
ME* = Exceedence of the 4-sigma QC limits
X = as defined in the case narrative when utilized

The LODs and LOQs have been adjusted for sample weight or volume, dilution, and percent solids, when applicable. MDLs are statistically defined, instrument-specific quantities, which are used as LODs for some tests. For situations when multiple MDLs exist for a test (e.g several instruments running the same test on a given matrix) or when MDLs are unachievable on a routine basis, LODs, which may be greater than MDL but typically one-half of the applicable LOQs are used to define cut-off points for reporting positive results. The LOQs are typically the lowest point on the initial calibration curve.

Quantitative results for analytes detected in the sample (positive results) are shown under the column labeled "Result". Results coded with the qualifier E should not be used unless additional analyses were unavailable due to other limitations. Data coded as E should not be compared to other data since non-linearity in calibration may be a severe problem for some analytes. Multiple sample result forms may be provided for one or more of the following reasons:
Sample was reanalyzed for surrogate or internal standard recovery outliers;
Sample was reanalyzed at a dilution;
One of the analyses was performed outside holding times;
A replicate analysis was performed for other quality control purposes;
Client requirements

QC Association Forms

The list consisting of MB, LCS, LCSD (if any), MS (whenever available), MSD (whenever available), and field samples from the reported AML work order that are associated with each QC batch are shown on QC Association Forms. Additional items such as PDS, SD may be included for some parameters (e.g metals). Separate forms are included for each QC batch, for each matrix and test.

Surrogate Recovery Forms

A summary of the system monitoring compound recoveries for organic analyses is included in this section. The QC limits from the Department of Defense Quality Systems Manual for Environmental Laboratories, Final Version 3, January 2006 is used in the reports, when available.

Method-specified limits or in-house limits are used as applicable. Corrective action involving re-extraction and/or reanalysis is performed for samples that exceed the surrogate QC limits.

Method Blank Result Forms

The QC limit for the Method Blank is set at one half of the applicable LOQ for each target analyte with the exception of common laboratory contaminants, which is set at the LOQ.

Laboratory Control Sample (LCS) Report Forms

Laboratory control samples were analyzed with each QC batch as described in the QC Association Form. Laboratory Control sample limits are set as a default to the DOD QSM limits when available. When the 3-sigma control limit is exceeded for any analyte, the LCS report is flagged "ME". The total number of method analytes, and the number of ME analytes are tracked and compared against the number allowed per NELAC and the DOD QSM. This information is summarized at the bottom of the recoveries summary reports. Analytes with LCS recoveries that exceed the 4-sigma limits are flagged ME* and reanalysis may be required for the affected analyte if it is a contaminant of concern. The relative percent differences (RPDs) for the LCS duplicates, a voluntary laboratory QC parameter, are computed to track in-house precision for method duplicates.

Matrix Spike/Matrix Spike Duplicate Recoveries Report Forms

The MS/MSD results are shown in Form-1 equivalents. See section on LCS for additional details. The RPDs for MS duplicates that are outside the applicable QC limits are flagged with an asterisk (*). The effect of matrix is taken into account in determining corrective action procedures based on MS and MSD results, recoveries, and RPD.

Calibration

Instruments were calibrated in accordance with applicable method. Deviations are noted as a non-conformance. Copies of initial calibration and calibration verification summaries and associated raw data will be maintained in laboratory files and made available for detailed client review.

Test Methods and Holding Times

Analyses were performed within applicable holding times except as noted on sample reports. See parameter specific non-conformances for more information.

Batch-specific Quality Control Procedures

Quality control data from method blanks and laboratory control samples are used as batch QC elements. In accordance with EPA, USACE, and DoD guidelines, QC data from matrix spikes are used as matrix-specific QC elements and QC data from surrogates, internal standard areas, etc. are used as sample-specific QC elements. When the batch QC elements are outside their QC limits, results for associated samples are evaluated and corrective actions that affect the entire sample set are performed.

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Matrix-specific or Sample-specific Quality Control Procedures

Sample concentrations exceeding the upper calibration limit, surrogate recoveries outside the QC limits, calibration parameters not within QC limits, etc. are used as sample-specific and/or sample-group specific QC elements for one or more associated samples during instrumental analysis. Serial dilution, standard addition, MS recoveries, etc. are used as matrix-specific QC elements for one or more associated samples. When these QC elements are outside their QC limits, associated individual sample results are evaluated and appropriate corrective actions are performed.

Manual Integration

Manual integration operations that have potential to improve accuracy of analysis are performed, as necessary (shown with an “M” flag on raw data) based on visual inspection of peak shapes for each target analyte. Such operations are technically defensible and they are not aimed at meeting the minimum technical requirements of the analytical procedure.

Statement

To the best of our knowledge, this data package is in compliance with the client terms and conditions, both technically and for completeness. Non-conformances are listed in the case narrative and/or data qualifiers for each parameter tested.

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Project Information

Seven (7) samples were received by AML on June 7, 2008 and logged in according to the Sample Status and Receipt Report included in this report. Reference the chain of custody and Sample Condition upon receipt Report for any non-conformances on receipt condition and temperature upon receipt.

Observations and Non-Conformances

Cyanide by method 335.2

Cyanide was initially prepared within the 14 day analytical hold time, but due to gross batch QC failures upon analysis samples were re-prepared and re-analyzed outside the 14 day analytical hold time. Based upon the QC failures in the first batch AML only reported the out of hold analysis as the first analysis would provide no reliable data for the following samples.

0806029-03	**0806029-05**
0806029-04	**0806029-06**

Metals by method 6020A

There were no observations or non-conformances to report for this analysis.

Mercury by method 7470A

Batch P806156 – Post Digestion Spike was outside of QC limits biased high as flagged on the PSD summary report. LCS/LCSD and MS/MSD recoveries were within QC limits.

Nitrate/Nitrite by method SM 4500 NO3 E & Nitrate/Nitrite by method 300.0

Both preserved and unpreserved containers were received for Nitrate, both the preserved analysis by SM-4500-NO3 E and the unpreserved analysis by 300.0 were performed. However, the unpreserved method by 300.0 was unable to be preformed within the 48 hour analytical hold time. Both analyses were reported.

PCBs by method 8082

The following samples had DCB failure on the first column, all the data was reported from the second column.

0806029-03
0806029-04
0806029-06

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Pesticides method 8081B

Batch P806236 - LCS/LCSD recoveries for delta-BHC were outside QC limits, the marginal exceedence is within the allowed number of outliers for the number of compounds reported. QC Sample P806236-BS1 and P806236-BSD1 were outside QC limits in the second column for Endrine Ketone. Endrine Ketone was not present for any of the samples.

Sample 0806029-06 had interference within the internal standards on the first column; data was therefore reported from the second column.

Sulfide by method 376.2

Batch P806259 – MSD recovery for Sulfide was outside of QC limits biased high due to potential matrix interference. LCS/LCSD and MS recoveries were within QC limits.

SVOCs method 8270C

Compounds outside the laboratory established 20% Drift/Difference biased high for the Continuing Calibration Verification have been "Q1" flagged. Compounds are flagged to inform the user of the data that compounds fell outside the 20% criteria. All SPCC/CCC compounds were within QC limits indicating a valid CCV.

Compounds outside the laboratory established 20% Drift/Difference limit for the Continuing Calibration Verification have been "Q2" flagged. 2,4-Dinitrophenol was outside QC limits biased low. Compounds are flagged to inform the user of the data that compounds fell outside the 20% criteria with a low bias. All SPCC/CCC compounds were within QC limits indicating a valid CCV.

LCS/LCSD recoveries are outside QC limits as flagged on summary reports; the marginal exceedences are within the allowed number of outliers for the number of compounds reported. LCS/LCSD is acceptable.

Sample 0806029-04 was re-injected due to more than one base/neutral fraction surrogate outside of QC limits as 0806029-04RE1. The reanalysis of sample 0806029-04RE1 had all surrogates within QC limits, but was prepared outside of the analytical holding time. Two of the three surrogates for each fraction are within QC limits, which meets SOP criteria; thus no further action is required. Both runs were reported.

VOCs method 8260B

Compounds outside the laboratory established 20% Drift/Difference biased high for the Continuing Calibration Verification have been "Q1" flagged. Compounds are flagged to inform the user of the data that compounds fell outside the 20% criteria. All SPCC/CCC compounds were within QC limits indicating a valid CCV.

Compounds outside the laboratory established 20% Drift/Difference limit for the Continuing Calibration Verification have been "Q2" flagged. Bromoethane was outside QC limits biased

low. Compounds are flagged to inform the user of the data that compounds fell outside the 20% criteria with a low bias. All SPCC/CCC compounds were within QC limits indicating a valid CCV.

Batch P806153 – LCSD recoveries are outside QC limits as flagged on summary reports; the marginal exceedences are within the allowed number of outliers for the number of compounds reported. LCS/LCSD is acceptable.

Batch P806170 – There are two sets of MS/MSDs associated with this batch. MS1/MSD1 recoveries were outside QC limits for multiple compounds, as flagged on the MS/MSD summary report. MS2/MSD2 recoveries were within QC limits.

Sample 0806029-02 was not initially reported for Acetone due to suspect carry over from sample 0806029-01. Sample 0806029-02 was reanalyzed as 0806029-02RE1 for just Acetone. Both the initial and reanalysis were reported, action only reported on the rerun.

Sample 0806029-01 required a dilution due to a high concentration of Acetone. The sample was re-analyzed and was reported as 0806029-01RE1.

Subcontracted Analyses

Technical support for the following analyses was provided by Accutest Laboratories, Southeast 4405 Vineland Road, Suite C-15 Orlando, FL 32811**.** The analytical report prepared by the subcontract laboratory is included. EDDs for these parameters provided by Accutest.

Organophosphorous Pesticides

Field Sample Information

(Chain of Custody Record, Sample Receipt Report, Condition Upon Receipt Report)

0806029

(Sample Delivery Group, SDG)

AML
Analytical Management Laboratories, Inc.
15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

VIAS

42727

Chain of Custody Record / Request for Analysis

Client Contact Name: JUD SMITH
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W OGLETHORPE AVE ~~SAVANNAH~~
City, State, Zip: SAVANNAH GA 31401
Phone #: (912) 652-5673 Ext:
Fax #: (912) 652-5311
Email:

Project Name: LONGSTREET LF FT BRAGG
Project Number:
Purchase Order Number: DO 109
Project Due Date:
Project Comments:
Print Sampler's Name: JOHN COOMBS

Laboratory Project Number: 0806029

Analysis/Method to be Performed (Check all that apply)

Specify method # ---> 8260

Preservative: List total number of bottles for each preservative type.

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C	VOCs	SVOCs	Pesticides	PCBs	Herbicides	Metals (specify)	DRO	GRO	Explosives	Anions (specify)	Comments:
0806029-01	SLMW-7-05-08	6/05/08	1335	AQ	3	3						3										
0806029-02	SLMW-8-5-08	6/05/08	1510	AQ	3	3						3										
0806029-03	SLMW-9-5-08	6/06/08	1100	AQ	3	3						3										
0806029-04	SLMW-DUP-5-08	6/06/08	1100	AQ	3	3						3										
0806029-05	TRIP BLANK				2	2						2										
6																						
7																						
8																						
9																						
10																						

Please include any information that may be useful in the analysis of the sample.
Example: high concentration
List analytes
MS/MSD

CUSTODY							
Relinquished By:	[signature]	~~[illegible]~~ Date/Time:	6/06/08 1800	Received By:	SHIPPER	~~[illegible]~~ Date/Time:	6/06/08 1800
Relinquished By:		Date/Time:		Received By:	[signature]	Date/Time:	6/7/08 1230pm

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier FedEX ☐ Airbill #: See Sample Rept Form	☑ Yes ☐ No ☐ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	____ °C ☐ Temp. Blank ☑ Cooler	AML106: 2.0°C AML102108: 2.0°C

AML
Analytical Management Laboratories, Inc.
15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

42715

Chain of Custody Record / Request for Analysis

Client Contact Name: JUD SMITH
Company Name: US ARMY CORPS OF ENGRS
Address: 100 W OGLETHORPE
City, State, Zip: SAVANNAH GA 31404
Phone #: (912) 652-5673 Ext:
Fax #: (912) 652-5311
Email:

Project Name: LONGSTREET LF FT BRAGG
Project Number:
Purchase Order Number: DOA109
Project Due Date:
Project Comments:
Print Sampler's Name: JOE COOMBS

Analysis/Method to be Performed (Check all that apply)

Laboratory Project Number: 0806029-05

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4°C ICE	NaOH/ZnAc	VOCs	SVOCs 8270	Pesticides 8081	PCBs 8082	Herbicides	Metals (specify) NPTB/8010	DRO	GRO	Explosives	Anions (specify)	CYANIDE	SULFIDE	NITRATE H_2SO_4	NITRITE ICE		Comments:
0806029-05	SLMW-7-5-08	6/06/08	0825	AQ	2			1				1		~~1~~	~~1~~	~~1~~							1	1				
0806029-06	SLMW-8-5-08	6/06/08	0855	AQ	3			1	1		5	1		2	1	1							1	1	1	1		
0806029-03	SLMW-9-5-08	6/06/08	1100	AQ	9									2	1	1		1					1	1	1	1		
0806029-04	SLMW-DUP	6/06/08	0800	AQ	9									2	1	1		1					1	1	1	1		
5																												
6																												
7																												
8																												
9																												
10																												

Please include any information that may be useful in the analysis of the sample.
Example: high concentration
List analytes
MS/MSD

CUSTODY					
Relinquished By:	[signature]	Date/Time: 6/06/08 1800	Received By: SHIPPER	Date/Time: 6/06/08 1800	
Relinquished By:		Date/Time:	Received By: [signature]	Date/Time: 6/7/08 1230pm	

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier FedEx ☐ Airbill # See Sample Rept Form	☑ Yes ☐ No ☑ Intact ☐ Broken	☑ Ice ☐ Blue ice ☐ None	____ °C ☐ Temp. Blank ☑ Cooler	AML 106 : 2.0°C AML 103103 : 2.0°C

8141

42728

Analytical Management Laboratories, Inc.
15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

Chain of Custody Record / Request for Analysis

Client Contact Name: JOD SMITH
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W OGLETHORPE AVE
City, State, Zip: SAVANNAH GA 31401
Phone #: (912) 652-5673 Ext:
Fax #: (912) 652-5311
Email:

Project Name: LONGSTREET LF FT BRAGG
Project Number:
Purchase Order Number: DO 109
Project Due Date:
Project Comments:
Print Sampler's Name: JON COOMBS

Analysis/Method to be Performed (Check all that apply)

Laboratory Project Number:

Specify method # --->

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4°C	ICS	VOCs	SVOCs	Pesticides	PCBs	Herbicides	Metals (specify)	DRO	GRO	Explosives	Anions (specify)	8141					Comments:
0806029-05	SLMW-7-5-08	6/06/08	0825	AQ	2							2											2					
0806029-06	SLMW-8-5-08	6/06/08	0855	AQ	2							2											2					
0806029-03	SLMW-9-5-08	6/06/08	1100	AQ	2							2											2					
0806029-04	SLMW-DUP	6/06/08	0800	AQ	2							2											2					
5																												
6																												
7																												
8																												
9																												
10																												

Please include any information that may be useful in the analysis of the sample.

Example: high concentration
List analytes
MS/MSD

CUSTODY							
Relinquished By:	[signature]	Date/Time:	6/06/08 1800	Received By:	SHIPPER	Date/Time:	6/06/08 1800
Relinquished By:		Date/Time:		Received By:		Date/Time:	

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method: ☐ Delivered in Person ☐ Courier ☐ Fedex
Cooler Seal: ☐ Yes ☐ No ☐ Intact ☐ Broken
Temperature: ☐ [illegible] ☐ [illegible] ☐ [illegible]
Sample Seal: ☐ Intact ☐ Broken
Receiving Comments:

Analytical Management Laboratories - Sample Status and Receipt Report

AML Project Number	0806029	**Client AML ID**	USACE Savannah	**Report Lvl.** 3
Work Order Due Date	06/21/08	**Client Project ID**	Longstreet LF, Ft Bragg, NC, DO# 109	
Work Order TAT	14			

AML Sample	*Matrix*	Client Sample ID	Date Collected	Projected Analytical Due Date	Analysis	Comments
0806029-01	Water	SLMW-7-5-08	06/05/08 13:35	06/19/08	VOCs by 8260B	
0806029-02	Water	SLMW-8-5-08	06/05/08 15:10	06/19/08	VOCs by 8260B	
0806029-03	Water	SLMW-9-5-08	06/06/08 11:00	06/19/08	Metals by 6020A	Appendix II Metals
0806029-03	Water	SLMW-9-5-08	06/06/08 11:00	06/19/08	NO2 and NO3 by 300.0	Nitrate
0806029-03	Water	SLMW-9-5-08	06/06/08 11:00	06/19/08	Metals, Hg by 7470A	
0806029-03	Water	SLMW-9-5-08	06/06/08 11:00	06/19/08	PCBs by 8082	
0806029-03	Water	SLMW-9-5-08	06/06/08 11:00	06/19/08	SVOCs, BNA by 8270C	
0806029-03	Water	SLMW-9-5-08	06/06/08 11:00	06/19/08	Cyanide by 335.2	
0806029-03	Water	SLMW-9-5-08	06/06/08 11:00	06/19/08	Metals by 6010B	Appendix II Metals
0806029-03	Water	SLMW-9-5-08	06/06/08 11:00	06/19/08	Sulfide by 376.2	
0806029-03	Water	SLMW-9-5-08	06/06/08 11:00	06/19/08	8141	
0806029-03	Water	SLMW-9-5-08	06/06/08 11:00	06/19/08	Pesticides by 8081B	
0806029-03	Water	SLMW-9-5-08	06/06/08 11:00	06/19/08	VOCs by 8260B	
0806029-04	Water	SLMW-DUP-5-08	06/06/08 08:00	06/19/08	Sulfide by 376.2	
0806029-04	Water	SLMW-DUP-5-08	06/06/08 08:00	06/19/08	SVOCs, BNA by 8270C	
0806029-04	Water	SLMW-DUP-5-08	06/06/08 08:00	06/19/08	Metals by 6020A	Appendix II Metals
0806029-04	Water	SLMW-DUP-5-08	06/06/08 08:00	06/19/08	NO2 and NO3 by 300.0	Nitrate
0806029-04	Water	SLMW-DUP-5-08	06/06/08 08:00	06/19/08	Pesticides by 8081B	
0806029-04	Water	SLMW-DUP-5-08	06/06/08 08:00	06/19/08	Metals by 6010B	Appendix II Metals
0806029-04	Water	SLMW-DUP-5-08	06/06/08 08:00	06/19/08	Cyanide by 335.2	
0806029-04	Water	SLMW-DUP-5-08	06/06/08 08:00	06/19/08	Metals, Hg by 7470A	
0806029-04	Water	SLMW-DUP-5-08	06/06/08 08:00	06/19/08	PCBs by 8082	
0806029-04	Water	SLMW-DUP-5-08	06/06/08 08:00	06/19/08	VOCs by 8260B	
0806029-04	Water	SLMW-DUP-5-08	06/06/08 08:00	06/19/08	8141	

Analytical Management Laboratories - Sample Status and Receipt Report

AML Project Number	0806029	**Client AML ID**	USACE Savannah	**Report Lvl.** 3
Work Order Due Date	06/21/08	**Client Project ID**	Longstreet LF, Ft Bragg, NC, DO# 109	
Work Order TAT	14			

AML Sample	*Matrix*	Client Sample ID	Date Collected	Projected Analytical Due Date	Analysis	Comments
0806029-05	Water	SLMW-7-5-08	06/06/08 08:25	06/19/08	Sulfide by 376.2	
0806029-05	Water	SLMW-7-5-08	06/06/08 08:25	06/19/08	Cyanide by 335.2	
0806029-05	Water	SLMW-7-5-08	06/06/08 08:25	06/21/08	8141	
0806029-06	Water	SLMW-8-5-08	06/06/08 08:55	06/19/08	PCBs by 8082	
0806029-06	Water	SLMW-8-5-08	06/06/08 08:55	06/19/08	SVOCs, BNA by 8270C	
0806029-06	Water	SLMW-8-5-08	06/06/08 08:55	06/19/08	Pesticides by 8081B	
0806029-06	Water	SLMW-8-5-08	06/06/08 08:55	06/19/08	NO2 and NO3 by 300.0	Nitrate
0806029-06	Water	SLMW-8-5-08	06/06/08 08:55	06/19/08	Cyanide by 335.2	
0806029-06	Water	SLMW-8-5-08	06/06/08 08:55	06/19/08	Sulfide by 376.2	
0806029-06	Water	SLMW-8-5-08	06/06/08 08:55	06/19/08	8141	
0806029-07	Water	Trip Blank	06/05/08 00:00	06/19/08	VOCs by 8260B	

Analytical Management Laboratories, Inc.

AML - Sample Condition Upon Receipt Report
(See Comments for exceptions)

Client ID: USACE_Sav

AML Work Order Number: 0806029

Project ID: Longstreet LF, Ft Bragg, NC, DO# 1

Cooler ID: AML103103

Delivery Method

Delivery Method: Fed Ex

Name of Person Receiving Samples: Nissa Said

Airbill Number: 842591972949

Custody Seals

Were Custody Seals Present? Yes

Cooler Opened By: Nissa Said

Were Custody Seals Intact? Yes

Date Opened 6/7/2008

Packaging / Coolant / Temperature

Type of Coolant Used: Ice

Temperature of Cooler: 2.00°C

Type of Packing Used: Bubble Wrap

Did all the bottles arrive unbroken? Yes

Were all bottles sealed in separate plastic bags? Yes

Chain of Custody

Was Chain of Custody filled out properly? Yes

Do Chain of Custody and Sample Labels agree? Yes

Comments/ Exceptions: AML106: 842591972949, AML103103: 795515315853

Were all sample labels complete? Yes

Was a sufficient amount of sample sent for analysis? Yes

Were samples received in proper containers? Yes

Were air bubbles absent in VOA samples? NA

Was sample pH within QC limits? Yes (if no see comments)

Was project manager contacted about any "out of control" issues? Yes

Samples Received by: Nissa Said

Project Manager Review: RES

Date: 07/07/08

Analytical Management Laboratories, Inc.

AML - Sample Condition Upon Receipt Report
(See Comments for exceptions)

Client ID: USACE_Sav

AML Work Order Number: 0806029

Project ID: Longstreet LF, Ft Bragg, NC, DO# 1

Cooler ID: AML106

Delivery Method

Delivery Method: Fed Ex

Name of Person Receiving Samples: Nissa Said

Airbill Number: 842591972949

Custody Seals

Were Custody Seals Present? Yes

Cooler Opened By: Nissa Said

Were Custody Seals Intact? Yes

Date Opened 6/7/2008

Packaging / Coolant / Temperature

Type of Coolant Used: Ice

Temperature of Cooler: 2.00°C

Type of Packing Used: Bubble Wrap

Did all the bottles arrive unbroken? Yes

Were all bottles sealed in separate plastic bags? Yes

Chain of Custody

Was Chain of Custody filled out properly? Yes

Do Chain of Custody and Sample Labels agree? Yes

Comments/ Exceptions: AML106: 842591972949, AML103103: 795515315853

Were all sample labels complete? Yes

Was a sufficient amount of sample sent for analysis? Yes

Were samples received in proper containers? Yes

Were air bubbles absent in VOA samples? Yes

Was sample pH within QC limits? Yes (if no see comments)

Was project manager contacted about any "out of control" issues? Yes

Samples Received by: Nissa Said

Project Manager Review: RES

Date: 07/07/08

Field Sample Analysis Data Sheets

(Form I equivalents)

0806029

(Sample Delivery Group, SDG)

335.2

(Parameter)

P806315

(Analytical Batch)

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-9-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806029-03
% Solids:	NA	Date Collected:	06/06/08 11:00
Analytical Method:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	06/07/08 12:30
Batch:	P806315	Date Leached:	NA
Leach Method:		Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)		mg/L	U	0.0125	0.0250	1

Note:

Sample was analyzed outside the analytical hold time, but within two times the analytical hold time.

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-DUP-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806029-04
% Solids:	NA	Date Collected:	06/06/08 08:00
Analytical Method:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	06/07/08 12:30
Batch:	P806315	Date Leached:	NA
Leach Method:		Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)		mg/L	U	0.0125	0.0250	1

Note:

Sample was analyzed outside the analytical hold time, but within two times the analytical hold time.

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-7-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806029-05
% Solids:	NA	Date Collected:	06/06/08 08:25
Analytical Method:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	06/07/08 12:30
Batch:	P806315	Date Leached:	NA
Leach Method:		Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)		mg/L	U	0.0125	0.0250	1

Note:

Sample was analyzed outside the analytical hold time, but within two times the analytical hold time.

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-8-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806029-06
% Solids:	NA	Date Collected:	06/06/08 08:55
Analytical Method:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	06/07/08 12:30
Batch:	P806315	Date Leached:	NA
Leach Method:		Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)		mg/L	U	0.0125	0.0250	1

Note:

Sample was analyzed outside the analytical hold time, but within two times the analytical hold time.

Field Sample Analysis Data Sheets

(Form I equivalents)

0806029

(Sample Delivery Group, SDG)

6020A

(Parameter)

P806139

(Analytical Batch)

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-9-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806029-03
% Solids:	NA	Date Collected:	06/06/08 11:00
Analytical Method:	6020A	Date Analyzed:	06/09/08 16:19
Preparation:	SM3030C	Date Received:	06/07/08 12:30
Batch:	P806139	Date Leached:	NA
Leach Method:		Date Prepared:	06/07/08 13:58

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic	8.48	ug/L		1.00	2.00	1
7440-39-3	Barium	44.8	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium	5.20	ug/L		2.50	5.00	1
7440-48-4	Cobalt	1.02	ug/L		0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7439-97-6	Mercury		ug/L	U	0.250	0.500	1
7440-02-0	Nickel	1.03	ug/L	J	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-31-5	Tin		ug/L	U	2.50	5.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc		ug/L	U	5.00	10.0	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-DUP-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806029-04
% Solids:	NA	Date Collected:	06/06/08 08:00
Analytical Method:	6020A	Date Analyzed:	06/09/08 16:25
Preparation:	SM3030C	Date Received:	06/07/08 12:30
Batch:	P806139	Date Leached:	NA
Leach Method:		Date Prepared:	06/07/08 13:58

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic	9.01	ug/L		1.00	2.00	1
7440-39-3	Barium	45.7	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium	4.66	ug/L	J	2.50	5.00	1
7440-48-4	Cobalt	1.03	ug/L		0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7439-97-6	Mercury		ug/L	U	0.250	0.500	1
7440-02-0	Nickel	1.73	ug/L	J	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-31-5	Tin		ug/L	U	2.50	5.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc	25.8	ug/L		5.00	10.0	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806029

(Sample Delivery Group, SDG)

7470A

(Parameter)

P806156

(Analytical Batch)

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-9-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806029-03
% Solids:	NA	Date Collected:	06/06/08 11:00
Analytical Method:	7470A	Date Analyzed:	06/13/08 16:55
Preparation:	EPA 7470A Prep	Date Received:	06/07/08 12:30
Batch:	P806156	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-DUP-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806029-04
% Solids:	NA	Date Collected:	06/06/08 08:00
Analytical Method:	7470A	Date Analyzed:	06/13/08 17:01
Preparation:	EPA 7470A Prep	Date Received:	06/07/08 12:30
Batch:	P806156	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806029

(Sample Delivery Group, SDG)

SM-4500-NO3 E

(Parameter)

P806234

(Analytical Batch)

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-9-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806029-03
% Solids:	NA	Date Collected:	06/06/08 11:00
Analytical Method:	SM-4500-NO3 E	Date Analyzed:	06/25/08 10:28
Preparation:	SM-4500-NO3 E	Date Received:	06/07/08 12:30
Batch:	P806234	Date Leached:	NA
Leach Method:		Date Prepared:	06/25/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N		mg/L	U	0.0200	0.0400	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-DUP-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806029-04
% Solids:	NA	Date Collected:	06/06/08 08:00
Analytical Method:	SM-4500-NO3 E	Date Analyzed:	06/25/08 10:28
Preparation:	SM-4500-NO3 E	Date Received:	06/07/08 12:30
Batch:	P806234	Date Leached:	NA
Leach Method:		Date Prepared:	06/25/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.0210	mg/L	J	0.0200	0.0400	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-8-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806029-06
% Solids:	NA	Date Collected:	06/06/08 08:55
Analytical Method:	SM-4500-NO3 E	Date Analyzed:	06/25/08 10:28
Preparation:	SM-4500-NO3 E	Date Received:	06/07/08 12:30
Batch:	P806234	Date Leached:	NA
Leach Method:		Date Prepared:	06/25/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N		mg/L	U	0.0200	0.0400	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806029

(Sample Delivery Group, SDG)

300.0

(Parameter)

P806141

(Analytical Batch)

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-9-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	0806029-03
% Solids:	NA	Date Collected:	06/06/08 11:00
Analytical Method:	300.0	Date Analyzed:	06/08/08 18:58
Preparation:	300.0	Date Received:	06/07/08 12:30
Batch:	P806141	Date Leached:	NA
Leach Method:		Date Prepared:	06/08/08 13:48

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-65-0	Nitrite-N		mg/L	U	0.0950	0.190	1
14797-55-8	Nitrate-N		mg/L	U	0.0570	0.113	1

Note:

Sample was analyzed outside the analytical hold time, but within two times the analytical hold time.

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-DUP-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	0806029-04
% Solids:	NA	Date Collected:	06/06/08 08:00
Analytical Method:	300.0	Date Analyzed:	06/08/08 19:19
Preparation:	300.0	Date Received:	06/07/08 12:30
Batch:	P806141	Date Leached:	NA
Leach Method:		Date Prepared:	06/08/08 13:48

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-65-0	Nitrite-N		mg/L	U	0.0950	0.190	1
14797-55-8	Nitrate-N		mg/L	U	0.0570	0.113	1

Note:

Sample was analyzed outside the analytical hold time, but within two times the analytical hold time.

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-8-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	0806029-06
% Solids:	NA	Date Collected:	06/06/08 08:55
Analytical Method:	300.0	Date Analyzed:	06/08/08 19:40
Preparation:	300.0	Date Received:	06/07/08 12:30
Batch:	P806141	Date Leached:	NA
Leach Method:		Date Prepared:	06/08/08 13:48

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-65-0	Nitrite-N		mg/L	U	0.0950	0.190	1
14797-55-8	Nitrate-N		mg/L	U	0.0570	0.113	1

Note:

Sample was analyzed outside the analytical hold time, but within two times the analytical hold time.

Field Sample Analysis Data Sheets

(Form I equivalents)

0806029

(Sample Delivery Group, SDG)

8082

(Parameter)

P806236

(Analytical Batch)

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-9-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	0806029-03
% Solids:	NA	Date Collected:	06/06/08 11:00
Analytical Method:	8082	Date Analyzed:	06/19/08 04:27
Preparation:	EPA 3510C	Date Received:	06/07/08 12:30
Batch:	P806236	Date Leached:	NA
Leach Method:		Date Prepared:	06/12/08 09:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016		ug/L	U	0.200	1.00	1
11104-28-2	Aroclor-1221		ug/L	U	0.200	1.00	1
11141-16-5	Aroclor-1232		ug/L	U	0.200	1.00	1
53469-21-9	Aroclor-1242		ug/L	U	0.200	1.00	1
12672-29-6	Aroclor-1248		ug/L	U	0.200	1.00	1
11097-69-1	Aroclor-1254		ug/L	U	0.200	1.00	1
11096-82-5	Aroclor-1260		ug/L	U	0.200	1.00	1
11100-14-4	Aroclor-1268		ug/L	U	0.200	1.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-DUP-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	0806029-04
% Solids:	NA	Date Collected:	06/06/08 08:00
Analytical Method:	8082	Date Analyzed:	06/19/08 04:41
Preparation:	EPA 3510C	Date Received:	06/07/08 12:30
Batch:	P806236	Date Leached:	NA
Leach Method:		Date Prepared:	06/12/08 09:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016		ug/L	U	0.200	1.00	1
11104-28-2	Aroclor-1221		ug/L	U	0.200	1.00	1
11141-16-5	Aroclor-1232		ug/L	U	0.200	1.00	1
53469-21-9	Aroclor-1242		ug/L	U	0.200	1.00	1
12672-29-6	Aroclor-1248		ug/L	U	0.200	1.00	1
11097-69-1	Aroclor-1254		ug/L	U	0.200	1.00	1
11096-82-5	Aroclor-1260		ug/L	U	0.200	1.00	1
11100-14-4	Aroclor-1268		ug/L	U	0.200	1.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-8-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	0806029-06
% Solids:	NA	Date Collected:	06/06/08 08:55
Analytical Method:	8082	Date Analyzed:	06/19/08 13:42
Preparation:	EPA 3510C	Date Received:	06/07/08 12:30
Batch:	P806236	Date Leached:	NA
Leach Method:		Date Prepared:	06/12/08 09:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016		ug/L	U	0.200	1.00	1
11104-28-2	Aroclor-1221		ug/L	U	0.200	1.00	1
11141-16-5	Aroclor-1232		ug/L	U	0.200	1.00	1
53469-21-9	Aroclor-1242		ug/L	U	0.200	1.00	1
12672-29-6	Aroclor-1248		ug/L	U	0.200	1.00	1
11097-69-1	Aroclor-1254		ug/L	U	0.200	1.00	1
11096-82-5	Aroclor-1260		ug/L	U	0.200	1.00	1
11100-14-4	Aroclor-1268		ug/L	U	0.200	1.00	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806029

(Sample Delivery Group, SDG)

8081B

(Parameter)

P806236

(Analytical Batch)

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-9-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	0806029-03
% Solids:	NA	Date Collected:	06/06/08 11:00
Analytical Method:	8081B	Date Analyzed:	06/19/08 04:27
Preparation:	EPA 3510C	Date Received:	06/07/08 12:30
Batch:	P806236	Date Leached:	NA
Leach Method:		Date Prepared:	06/12/08 09:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD		ug/L	U	0.0250	0.0500	1
72-55-9	4,4'-DDE		ug/L	U	0.0250	0.0500	1
50-29-3	4,4'-DDT		ug/L	U	0.0250	0.0500	1
309-00-2	Aldrin		ug/L	U	0.0125	0.0250	1
319-84-6	alpha-BHC		ug/L	U	0.0125	0.0250	1
57-74-9	Chlordane (Technical)		ug/L	U	0.250	0.500	1
5103-71-9	alpha-Chlordane		ug/L	U	0.0125	0.0250	1
319-84-6	beta-BHC		ug/L	U	0.0125	0.0250	1
319-86-8	delta-BHC		ug/L	U	0.0125	0.0250	1
60-57-1	Dieldrin		ug/L	U	0.0250	0.0500	1
959-98-8	Endosulfan I		ug/L	U	0.0125	0.0250	1
33213-65-9	Endosulfan II		ug/L	U	0.0250	0.0500	1
1031-07-8	Endosulfan sulfate		ug/L	U	0.0250	0.0500	1
72-20-8	Endrin		ug/L	U	0.0250	0.0500	1
7421-93-4	Endrin aldehyde		ug/L	U	0.0250	0.0500	1
53494-70-5	Endrin ketone		ug/L	U	0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)		ug/L	U	0.0125	0.0250	1
5103-74-2	gamma-Chlordane		ug/L	U	0.0125	0.0250	1
76-44-8	Heptachlor		ug/L	U	0.0125	0.0250	1
1024-57-3	Heptachlor epoxide		ug/L	U	0.0125	0.0250	1
72-43-5	Methoxychlor		ug/L	U	0.125	0.250	1
8001-35-2	Toxaphene		ug/L	U	1.00	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-DUP-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	0806029-04
% Solids:	NA	Date Collected:	06/06/08 08:00
Analytical Method:	8081B	Date Analyzed:	06/19/08 04:41
Preparation:	EPA 3510C	Date Received:	06/07/08 12:30
Batch:	P806236	Date Leached:	NA
Leach Method:		Date Prepared:	06/12/08 09:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD		ug/L	U	0.0250	0.0500	1
72-55-9	4,4'-DDE		ug/L	U	0.0250	0.0500	1
50-29-3	4,4'-DDT		ug/L	U	0.0250	0.0500	1
309-00-2	Aldrin		ug/L	U	0.0125	0.0250	1
319-84-6	alpha-BHC		ug/L	U	0.0125	0.0250	1
57-74-9	Chlordane (Technical)		ug/L	U	0.250	0.500	1
5103-71-9	alpha-Chlordane		ug/L	U	0.0125	0.0250	1
319-84-6	beta-BHC		ug/L	U	0.0125	0.0250	1
319-86-8	delta-BHC		ug/L	U	0.0125	0.0250	1
60-57-1	Dieldrin		ug/L	U	0.0250	0.0500	1
959-98-8	Endosulfan I		ug/L	U	0.0125	0.0250	1
33213-65-9	Endosulfan II		ug/L	U	0.0250	0.0500	1
1031-07-8	Endosulfan sulfate		ug/L	U	0.0250	0.0500	1
72-20-8	Endrin		ug/L	U	0.0250	0.0500	1
7421-93-4	Endrin aldehyde		ug/L	U	0.0250	0.0500	1
53494-70-5	Endrin ketone		ug/L	U	0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)		ug/L	U	0.0125	0.0250	1
5103-74-2	gamma-Chlordane		ug/L	U	0.0125	0.0250	1
76-44-8	Heptachlor		ug/L	U	0.0125	0.0250	1
1024-57-3	Heptachlor epoxide		ug/L	U	0.0125	0.0250	1
72-43-5	Methoxychlor		ug/L	U	0.125	0.250	1
8001-35-2	Toxaphene		ug/L	U	1.00	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-8-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	0806029-06
% Solids:	NA	Date Collected:	06/06/08 08:55
Analytical Method:	8081B	Date Analyzed:	06/19/08 13:42
Preparation:	EPA 3510C	Date Received:	06/07/08 12:30
Batch:	P806236	Date Leached:	NA
Leach Method:		Date Prepared:	06/12/08 09:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD		ug/L	U	0.0250	0.0500	1
72-55-9	4,4'-DDE		ug/L	U	0.0250	0.0500	1
50-29-3	4,4'-DDT		ug/L	U	0.0250	0.0500	1
309-00-2	Aldrin		ug/L	U	0.0125	0.0250	1
319-84-6	alpha-BHC		ug/L	U	0.0125	0.0250	1
57-74-9	Chlordane (Technical)		ug/L	U	0.250	0.500	1
5103-71-9	alpha-Chlordane		ug/L	U	0.0125	0.0250	1
319-84-6	beta-BHC		ug/L	U	0.0125	0.0250	1
319-86-8	delta-BHC		ug/L	U	0.0125	0.0250	1
60-57-1	Dieldrin		ug/L	U	0.0250	0.0500	1
959-98-8	Endosulfan I		ug/L	U	0.0125	0.0250	1
33213-65-9	Endosulfan II		ug/L	U	0.0250	0.0500	1
1031-07-8	Endosulfan sulfate		ug/L	U	0.0250	0.0500	1
72-20-8	Endrin		ug/L	U	0.0250	0.0500	1
7421-93-4	Endrin aldehyde	0.0347	ug/L	J	0.0250	0.0500	1
53494-70-5	Endrin ketone		ug/L	U	0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)	0.0313	ug/L		0.0125	0.0250	1
5103-74-2	gamma-Chlordane		ug/L	U	0.0125	0.0250	1
76-44-8	Heptachlor		ug/L	U	0.0125	0.0250	1
1024-57-3	Heptachlor epoxide		ug/L	U	0.0125	0.0250	1
72-43-5	Methoxychlor		ug/L	U	0.125	0.250	1
8001-35-2	Toxaphene		ug/L	U	1.00	2.00	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806029

(Sample Delivery Group, SDG)

376.2

(Parameter)

P806259

(Analytical Batch)

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-9-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	0806029-03
% Solids:	NA	Date Collected:	06/06/08 11:00
Analytical Method:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	06/07/08 12:30
Batch:	P806259	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide	0.153	mg/L	J	0.0500	0.178	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-DUP-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	0806029-04
% Solids:	NA	Date Collected:	06/06/08 08:00
Analytical Method:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	06/07/08 12:30
Batch:	P806259	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide	0.0740	mg/L	J	0.0500	0.178	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-7-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	0806029-05
% Solids:	NA	Date Collected:	06/06/08 08:25
Analytical Method:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	06/07/08 12:30
Batch:	P806259	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide		mg/L	U	0.0500	0.178	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-8-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	0806029-06
% Solids:	NA	Date Collected:	06/06/08 08:55
Analytical Method:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	06/07/08 12:30
Batch:	P806259	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide	0.400	mg/L		0.0500	0.178	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806029

(Sample Delivery Group, SDG)

8270C

(Parameter)

P806190
P806321

(Analytical Batch)

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-9-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	0806029-03
% Solids:	NA	Date Collected:	06/06/08 11:00
Analytical Method:	8270C	Date Analyzed:	06/19/08 19:56
Preparation:	EPA 3510C	Date Received:	06/07/08 12:30
Batch:	P806190	Date Leached:	NA
Leach Method:		Date Prepared:	06/11/08 12:02

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.250	10.0	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.230	10.0	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.360	10.0	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol		ug/L	U	0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol		ug/L	U	0.670	10.0	1
120-83-2	2,4-Dichlorophenol		ug/L	U	0.360	10.0	1
105-67-9	2,4-Dimethylphenol		ug/L	U	0.230	10.0	1
51-28-5	2,4-Dinitrophenol		ug/L	U	1.59	10.0	1
121-14-2	2,4-Dinitrotoluene		ug/L	U	0.350	10.0	1
606-20-2	2,6-Dinitrotoluene		ug/L	U	0.240	10.0	1
91-58-7	2-Chloronaphthalene		ug/L	U	0.160	10.0	1
95-57-8	2-Chlorophenol		ug/L	U	0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol		ug/L	U	0.950	10.0	1
91-57-6	2-Methylnaphthalene		ug/L	U	2.62	10.0	1
95-48-7	2-Methylphenol		ug/L	U	0.310	10.0	1
88-74-4	2-Nitroaniline		ug/L	U	0.430	10.0	1
88-75-5	2-Nitrophenol		ug/L	U	0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine		ug/L	U	1.46	10.0	1
99-09-2	3-Nitroaniline		ug/L	U	0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether		ug/L	U	0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol		ug/L	U	0.250	10.0	1
106-47-8	4-Chloroaniline		ug/L	U	0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether		ug/L	U	0.470	10.0	1
100-01-6	4-Nitroaniline		ug/L	U	3.53	10.0	1
100-02-7	4-Nitrophenol		ug/L	U	0.810	10.0	1
83-32-9	Acenaphthene		ug/L	U	0.180	10.0	1
208-96-8	Acenaphthylene		ug/L	U	0.120	10.0	1
120-12-7	Anthracene		ug/L	U	0.220	10.0	1
56-55-3	Benzo(a)anthracene		ug/L	U	0.090	10.0	1
50-32-8	Benzo(a)pyrene		ug/L	U	0.120	10.0	1
205-99-2	Benzo(b)fluoranthene		ug/L	U	0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene		ug/L	U	0.440	10.0	1
207-08-9	Benzo(k)fluoranthene		ug/L	U	0.860	10.0	1
65-85-0	Benzoic acid		ug/L	U	2.35	10.0	1
100-51-6	Benzyl alcohol		ug/L	U	0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane		ug/L	U	0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether		ug/L	U	0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether		ug/L	U	0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate		ug/L	U	0.590	10.0	1
85-68-7	Butyl benzyl phthalate		ug/L	U	0.410	10.0	1
86-74-8	Carbazole		ug/L	U	0.340	10.0	1
218-01-9	Chrysene		ug/L	U	0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene		ug/L	U	2.26	10.0	1
132-64-9	Dibenzofuran		ug/L	U	0.170	10.0	1
84-66-2	Diethyl phthalate		ug/L	U	0.410	10.0	1
131-11-3	Dimethyl phthalate		ug/L	U	0.310	10.0	1
84-74-2	Di-n-butyl phthalate		ug/L	U	0.220	10.0	1
117-84-0	Di-n-octyl phthalate		ug/L	U	1.88	10.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-9-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	0806029-03
% Solids:	NA	Date Collected:	06/06/08 11:00
Analytical Method:	8270C	Date Analyzed:	06/19/08 19:56
Preparation:	EPA 3510C	Date Received:	06/07/08 12:30
Batch:	P806190	Date Leached:	NA
Leach Method:		Date Prepared:	06/11/08 12:02

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
122-39-4	Diphenylamine		ug/L	U	0.630	10.0	1
206-44-0	Fluoranthene		ug/L	U	0.220	10.0	1
86-73-7	Fluorene		ug/L	U	0.420	10.0	1
118-74-1	Hexachlorobenzene		ug/L	U	0.130	10.0	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene		ug/L	U	0.320	10.0	1
67-72-1	Hexachloroethane		ug/L	U	0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene		ug/L	U	1.56	10.0	1
78-59-1	Isophorone		ug/L	U	0.120	10.0	1
91-20-3	Naphthalene		ug/L	U	0.240	10.0	1
98-95-3	Nitrobenzene		ug/L	U	0.330	10.0	1
62-75-9	N-Nitrosodimethylamine		ug/L	U	0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine		ug/L	U	0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine		ug/L	U	0.140	10.0	1
87-86-5	Pentachlorophenol		ug/L	U	0.300	10.0	1
85-01-8	Phenanthrene		ug/L	U	0.240	10.0	1
108-95-2	Phenol		ug/L	U	0.120	10.0	1
129-00-0	Pyrene		ug/L	U	0.400	10.0	1
34MP	3 & 4 Methylphenol		ug/L	U	4.00	20.0	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-DUP-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	0806029-04
% Solids:	NA	Date Collected:	06/06/08 08:00
Analytical Method:	8270C	Date Analyzed:	06/20/08 16:11
Preparation:	EPA 3510C	Date Received:	06/07/08 12:30
Batch:	P806190	Date Leached:	NA
Leach Method:		Date Prepared:	06/11/08 12:02

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.250	10.0	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.230	10.0	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.360	10.0	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol		ug/L	U	0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol		ug/L	U	0.670	10.0	1
120-83-2	2,4-Dichlorophenol		ug/L	U	0.360	10.0	1
105-67-9	2,4-Dimethylphenol		ug/L	U	0.230	10.0	1
51-28-5	2,4-Dinitrophenol		ug/L	U	1.59	10.0	1
121-14-2	2,4-Dinitrotoluene		ug/L	U	0.350	10.0	1
606-20-2	2,6-Dinitrotoluene		ug/L	U	0.240	10.0	1
91-58-7	2-Chloronaphthalene		ug/L	U	0.160	10.0	1
95-57-8	2-Chlorophenol		ug/L	U	0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol		ug/L	U	0.950	10.0	1
91-57-6	2-Methylnaphthalene		ug/L	U	2.62	10.0	1
95-48-7	2-Methylphenol		ug/L	U	0.310	10.0	1
88-74-4	2-Nitroaniline		ug/L	U	0.430	10.0	1
88-75-5	2-Nitrophenol		ug/L	U	0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine		ug/L	U	1.46	10.0	1
99-09-2	3-Nitroaniline		ug/L	U	0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether		ug/L	U	0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol		ug/L	U	0.250	10.0	1
106-47-8	4-Chloroaniline		ug/L	U	0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether		ug/L	U	0.470	10.0	1
100-01-6	4-Nitroaniline		ug/L	U	3.53	10.0	1
100-02-7	4-Nitrophenol		ug/L	U	0.810	10.0	1
83-32-9	Acenaphthene		ug/L	U	0.180	10.0	1
208-96-8	Acenaphthylene		ug/L	U	0.120	10.0	1
120-12-7	Anthracene		ug/L	U	0.220	10.0	1
56-55-3	Benzo(a)anthracene		ug/L	U	0.090	10.0	1
50-32-8	Benzo(a)pyrene		ug/L	U	0.120	10.0	1
205-99-2	Benzo(b)fluoranthene		ug/L	U	0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene		ug/L	U	0.440	10.0	1
207-08-9	Benzo(k)fluoranthene		ug/L	U	0.860	10.0	1
65-85-0	Benzoic acid		ug/L	U	2.35	10.0	1
100-51-6	Benzyl alcohol		ug/L	U	0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane		ug/L	U	0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether		ug/L	U	0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether		ug/L	U	0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate		ug/L	U	0.590	10.0	1
85-68-7	Butyl benzyl phthalate		ug/L	U	0.410	10.0	1
86-74-8	Carbazole		ug/L	U	0.340	10.0	1
218-01-9	Chrysene		ug/L	U	0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene		ug/L	U	2.26	10.0	1
132-64-9	Dibenzofuran		ug/L	U	0.170	10.0	1
84-66-2	Diethyl phthalate		ug/L	U	0.410	10.0	1
131-11-3	Dimethyl phthalate		ug/L	U	0.310	10.0	1
84-74-2	Di-n-butyl phthalate		ug/L	U	0.220	10.0	1
117-84-0	Di-n-octyl phthalate		ug/L	U	1.88	10.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-DUP-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	0806029-04
% Solids:	NA	Date Collected:	06/06/08 08:00
Analytical Method:	8270C	Date Analyzed:	06/20/08 16:11
Preparation:	EPA 3510C	Date Received:	06/07/08 12:30
Batch:	P806190	Date Leached:	NA
Leach Method:		Date Prepared:	06/11/08 12:02

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
122-39-4	Diphenylamine		ug/L	U	0.630	10.0	1
206-44-0	Fluoranthene		ug/L	U	0.220	10.0	1
86-73-7	Fluorene		ug/L	U	0.420	10.0	1
118-74-1	Hexachlorobenzene		ug/L	U	0.130	10.0	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene		ug/L	U	0.320	10.0	1
67-72-1	Hexachloroethane		ug/L	U	0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene		ug/L	U	1.56	10.0	1
78-59-1	Isophorone		ug/L	U	0.120	10.0	1
91-20-3	Naphthalene		ug/L	U	0.240	10.0	1
98-95-3	Nitrobenzene		ug/L	U	0.330	10.0	1
62-75-9	N-Nitrosodimethylamine		ug/L	U	0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine		ug/L	U	0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine		ug/L	U	0.140	10.0	1
87-86-5	Pentachlorophenol		ug/L	U	0.300	10.0	1
85-01-8	Phenanthrene		ug/L	U	0.240	10.0	1
108-95-2	Phenol		ug/L	U	0.120	10.0	1
129-00-0	Pyrene		ug/L	U	0.400	10.0	1
34MP	3 & 4 Methylphenol		ug/L	U	4.00	20.0	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-DUP-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	990 mL / 1.0 mL	Lab Sample ID:	0806029-04RE1
% Solids:	NA	Date Collected:	06/06/08 08:00
Analytical Method:	8270C	Date Analyzed:	06/24/08 16:39
Preparation:	EPA 3510C	Date Received:	06/07/08 12:30
Batch:	P806321	Date Leached:	NA
Leach Method:		Date Prepared:	06/22/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.253	10.1	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.232	10.1	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.364	10.1	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.202	10.1	1
95-95-4	2,4,5-Trichlorophenol		ug/L	U	0.869	10.1	1
88-06-2	2,4,6-Trichlorophenol		ug/L	U	0.677	10.1	1
120-83-2	2,4-Dichlorophenol		ug/L	U	0.364	10.1	1
105-67-9	2,4-Dimethylphenol		ug/L	U	0.232	10.1	1
51-28-5	2,4-Dinitrophenol		ug/L	Q2, U	1.61	10.1	1
121-14-2	2,4-Dinitrotoluene		ug/L	U	0.354	10.1	1
606-20-2	2,6-Dinitrotoluene		ug/L	U	0.242	10.1	1
91-58-7	2-Chloronaphthalene		ug/L	U	0.162	10.1	1
95-57-8	2-Chlorophenol		ug/L	U	0.121	10.1	1
534-52-1	2-Methyl-4,6-dinitrophenol		ug/L	U	0.960	10.1	1
91-57-6	2-Methylnaphthalene		ug/L	U	2.65	10.1	1
95-48-7	2-Methylphenol		ug/L	U	0.313	10.1	1
88-74-4	2-Nitroaniline		ug/L	U	0.434	10.1	1
88-75-5	2-Nitrophenol		ug/L	U	0.354	10.1	1
91-94-1	3,3'-Dichlorobenzidine		ug/L	U	1.47	10.1	1
99-09-2	3-Nitroaniline		ug/L	U	0.343	10.1	1
101-55-3	4-Bromophenyl phenyl ether		ug/L	U	0.364	10.1	1
59-50-7	4-Chloro-3-methylphenol		ug/L	U	0.253	10.1	1
106-47-8	4-Chloroaniline		ug/L	U	0.879	10.1	1
7005-72-3	4-Chlorophenyl phenyl ether		ug/L	U	0.475	10.1	1
100-01-6	4-Nitroaniline		ug/L	U	3.57	10.1	1
100-02-7	4-Nitrophenol		ug/L	U	0.818	10.1	1
83-32-9	Acenaphthene		ug/L	U	0.182	10.1	1
208-96-8	Acenaphthylene		ug/L	U	0.121	10.1	1
120-12-7	Anthracene		ug/L	U	0.222	10.1	1
56-55-3	Benzo(a)anthracene		ug/L	U	0.091	10.1	1
50-32-8	Benzo(a)pyrene		ug/L	U	0.121	10.1	1
205-99-2	Benzo(b)fluoranthene		ug/L	U	0.087	10.1	1
191-24-2	Benzo (g,h,i) perylene		ug/L	U	0.444	10.1	1
207-08-9	Benzo(k)fluoranthene		ug/L	U	0.869	10.1	1
65-85-0	Benzoic acid		ug/L	U	2.37	10.1	1
100-51-6	Benzyl alcohol		ug/L	U	0.525	10.1	1
111-91-1	Bis(2-chloroethoxy)methane		ug/L	U	0.212	10.1	1
111-44-4	Bis(2-chloroethyl)ether		ug/L	U	0.097	10.1	1
108-60-1	Bis(2-chloroisopropyl) ether		ug/L	U	0.444	10.1	1
117-81-7	Bis(2-ethylhexyl) phthalate		ug/L	U	0.596	10.1	1
85-68-7	Butyl benzyl phthalate		ug/L	U	0.414	10.1	1
86-74-8	Carbazole		ug/L	U	0.343	10.1	1
218-01-9	Chrysene		ug/L	U	0.404	10.1	1
53-70-3	Dibenz(a,h)anthracene		ug/L	U	2.28	10.1	1
132-64-9	Dibenzofuran		ug/L	U	0.172	10.1	1
84-66-2	Diethyl phthalate		ug/L	U	0.414	10.1	1
131-11-3	Dimethyl phthalate		ug/L	U	0.313	10.1	1
84-74-2	Di-n-butyl phthalate		ug/L	U	0.222	10.1	1
117-84-0	Di-n-octyl phthalate		ug/L	U	1.90	10.1	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-DUP-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	990 mL / 1.0 mL	Lab Sample ID:	0806029-04RE1
% Solids:	NA	Date Collected:	06/06/08 08:00
Analytical Method:	8270C	Date Analyzed:	06/24/08 16:39
Preparation:	EPA 3510C	Date Received:	06/07/08 12:30
Batch:	P806321	Date Leached:	NA
Leach Method:		Date Prepared:	06/22/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
122-39-4	Diphenylamine		ug/L	U	0.636	10.1	1
206-44-0	Fluoranthene		ug/L	U	0.222	10.1	1
86-73-7	Fluorene		ug/L	U	0.424	10.1	1
118-74-1	Hexachlorobenzene		ug/L	U	0.131	10.1	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.960	10.1	1
77-47-4	Hexachlorocyclopentadiene		ug/L	U	0.323	10.1	1
67-72-1	Hexachloroethane		ug/L	U	0.313	10.1	1
193-39-5	Indeno (1,2,3-cd) pyrene		ug/L	U	1.58	10.1	1
78-59-1	Isophorone		ug/L	U	0.121	10.1	1
91-20-3	Naphthalene		ug/L	U	0.242	10.1	1
98-95-3	Nitrobenzene		ug/L	U	0.333	10.1	1
62-75-9	N-Nitrosodimethylamine		ug/L	Q1, U	0.364	10.1	1
621-64-7	N-Nitrosodi-n-propylamine		ug/L	U	0.364	10.1	1
86-30-6	N-Nitrosodiphenylamine		ug/L	U	0.141	10.1	1
87-86-5	Pentachlorophenol		ug/L	U	0.303	10.1	1
85-01-8	Phenanthrene		ug/L	U	0.242	10.1	1
108-95-2	Phenol		ug/L	U	0.121	10.1	1
129-00-0	Pyrene		ug/L	U	0.404	10.1	1
34MP	3 & 4 Methylphenol		ug/L	U	4.04	20.2	1

Note:

Sample was prepared outside the preparation hold time.

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-8-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	990 mL / 1.0 mL	Lab Sample ID:	0806029-06
% Solids:	NA	Date Collected:	06/06/08 08:55
Analytical Method:	8270C	Date Analyzed:	06/19/08 20:47
Preparation:	EPA 3510C	Date Received:	06/07/08 12:30
Batch:	P806190	Date Leached:	NA
Leach Method:		Date Prepared:	06/11/08 12:02

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.253	10.1	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.232	10.1	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.364	10.1	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.202	10.1	1
95-95-4	2,4,5-Trichlorophenol		ug/L	U	0.869	10.1	1
88-06-2	2,4,6-Trichlorophenol		ug/L	U	0.677	10.1	1
120-83-2	2,4-Dichlorophenol		ug/L	U	0.364	10.1	1
105-67-9	2,4-Dimethylphenol		ug/L	U	0.232	10.1	1
51-28-5	2,4-Dinitrophenol		ug/L	U	1.61	10.1	1
121-14-2	2,4-Dinitrotoluene		ug/L	U	0.354	10.1	1
606-20-2	2,6-Dinitrotoluene		ug/L	U	0.242	10.1	1
91-58-7	2-Chloronaphthalene		ug/L	U	0.162	10.1	1
95-57-8	2-Chlorophenol		ug/L	U	0.121	10.1	1
534-52-1	2-Methyl-4,6-dinitrophenol		ug/L	U	0.960	10.1	1
91-57-6	2-Methylnaphthalene		ug/L	U	2.65	10.1	1
95-48-7	2-Methylphenol		ug/L	U	0.313	10.1	1
88-74-4	2-Nitroaniline		ug/L	U	0.434	10.1	1
88-75-5	2-Nitrophenol		ug/L	U	0.354	10.1	1
91-94-1	3,3'-Dichlorobenzidine		ug/L	U	1.47	10.1	1
99-09-2	3-Nitroaniline		ug/L	U	0.343	10.1	1
101-55-3	4-Bromophenyl phenyl ether		ug/L	U	0.364	10.1	1
59-50-7	4-Chloro-3-methylphenol		ug/L	U	0.253	10.1	1
106-47-8	4-Chloroaniline		ug/L	U	0.879	10.1	1
7005-72-3	4-Chlorophenyl phenyl ether		ug/L	U	0.475	10.1	1
100-01-6	4-Nitroaniline		ug/L	U	3.57	10.1	1
100-02-7	4-Nitrophenol		ug/L	U	0.818	10.1	1
83-32-9	Acenaphthene		ug/L	U	0.182	10.1	1
208-96-8	Acenaphthylene		ug/L	U	0.121	10.1	1
120-12-7	Anthracene		ug/L	U	0.222	10.1	1
56-55-3	Benzo(a)anthracene		ug/L	U	0.091	10.1	1
50-32-8	Benzo(a)pyrene		ug/L	U	0.121	10.1	1
205-99-2	Benzo(b)fluoranthene		ug/L	U	0.087	10.1	1
191-24-2	Benzo (g,h,i) perylene		ug/L	U	0.444	10.1	1
207-08-9	Benzo(k)fluoranthene		ug/L	U	0.869	10.1	1
65-85-0	Benzoic acid		ug/L	U	2.37	10.1	1
100-51-6	Benzyl alcohol		ug/L	U	0.525	10.1	1
111-91-1	Bis(2-chloroethoxy)methane		ug/L	U	0.212	10.1	1
111-44-4	Bis(2-chloroethyl)ether		ug/L	U	0.097	10.1	1
108-60-1	Bis(2-chloroisopropyl) ether		ug/L	U	0.444	10.1	1
117-81-7	Bis(2-ethylhexyl) phthalate		ug/L	U	0.596	10.1	1
85-68-7	Butyl benzyl phthalate		ug/L	U	0.414	10.1	1
86-74-8	Carbazole		ug/L	U	0.343	10.1	1
218-01-9	Chrysene		ug/L	U	0.404	10.1	1
53-70-3	Dibenz(a,h)anthracene		ug/L	U	2.28	10.1	1
132-64-9	Dibenzofuran		ug/L	U	0.172	10.1	1
84-66-2	Diethyl phthalate		ug/L	U	0.414	10.1	1
131-11-3	Dimethyl phthalate		ug/L	U	0.313	10.1	1
84-74-2	Di-n-butyl phthalate		ug/L	U	0.222	10.1	1
117-84-0	Di-n-octyl phthalate		ug/L	U	1.90	10.1	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-8-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	990 mL / 1.0 mL	Lab Sample ID:	0806029-06
% Solids:	NA	Date Collected:	06/06/08 08:55
Analytical Method:	8270C	Date Analyzed:	06/19/08 20:47
Preparation:	EPA 3510C	Date Received:	06/07/08 12:30
Batch:	P806190	Date Leached:	NA
Leach Method:		Date Prepared:	06/11/08 12:02

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
122-39-4	Diphenylamine		ug/L	U	0.636	10.1	1
206-44-0	Fluoranthene		ug/L	U	0.222	10.1	1
86-73-7	Fluorene		ug/L	U	0.424	10.1	1
118-74-1	Hexachlorobenzene		ug/L	U	0.131	10.1	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.960	10.1	1
77-47-4	Hexachlorocyclopentadiene		ug/L	U	0.323	10.1	1
67-72-1	Hexachloroethane		ug/L	U	0.313	10.1	1
193-39-5	Indeno (1,2,3-cd) pyrene		ug/L	U	1.58	10.1	1
78-59-1	Isophorone		ug/L	U	0.121	10.1	1
91-20-3	Naphthalene		ug/L	U	0.242	10.1	1
98-95-3	Nitrobenzene		ug/L	U	0.333	10.1	1
62-75-9	N-Nitrosodimethylamine		ug/L	U	0.364	10.1	1
621-64-7	N-Nitrosodi-n-propylamine		ug/L	U	0.364	10.1	1
86-30-6	N-Nitrosodiphenylamine		ug/L	U	0.141	10.1	1
87-86-5	Pentachlorophenol		ug/L	U	0.303	10.1	1
85-01-8	Phenanthrene		ug/L	U	0.242	10.1	1
108-95-2	Phenol		ug/L	U	0.121	10.1	1
129-00-0	Pyrene		ug/L	U	0.404	10.1	1
34MP	3 & 4 Methylphenol		ug/L	U	4.04	20.2	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806029

(Sample Delivery Group, SDG)

8260B

(Parameter)

P806153
P806170

(Analytical Batch)

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-7-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806029-01
% Solids:	NA	Date Collected:	06/05/08 13:35
Analytical Method:	8260B	Date Analyzed:	06/09/08 18:24
Preparation:	EPA 5030B	Date Received:	06/07/08 12:30
Batch:	P806153	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride	0.470	ug/L	J	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane	0.830	ug/L	J	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	Q1, U	1.00	10.0	1
67-64-1	Acetone	1270	ug/L	E	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	Q1, U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone	57.8	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
74-88-4	Iodomethane		ug/L	U	0.500	2.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-7-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806029-01
% Solids:	NA	Date Collected:	06/05/08 13:35
Analytical Method:	8260B	Date Analyzed:	06/09/08 18:24
Preparation:	EPA 5030B	Date Received:	06/07/08 12:30
Batch:	P806153	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-7-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806029-01RE1
% Solids:	NA	Date Collected:	06/05/08 13:35
Analytical Method:	8260B	Date Analyzed:	06/10/08 15:13
Preparation:	EPA 5030B	Date Received:	06/07/08 12:30
Batch:	P806170	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
67-64-1	Acetone	932	ug/L		20.0	100	10

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-8-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806029-02
% Solids:	NA	Date Collected:	06/05/08 15:10
Analytical Method:	8260B	Date Analyzed:	06/09/08 18:56
Preparation:	EPA 5030B	Date Received:	06/07/08 12:30
Batch:	P806153	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	0.510	ug/L	J	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride	21.8	ug/L		0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	Q1, U	1.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide	0.240	ug/L	J	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	Q1, U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane	4.43	ug/L		0.200	2.00	1
78-93-3	2-Butanone	4.09	ug/L	J	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	79.1	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene	4.07	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	1.34	ug/L	J	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene	0.840	ug/L	J	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene	2.86	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
74-88-4	Iodomethane		ug/L	U	0.500	2.00	1
95-47-6	o-Xylene	0.380	ug/L	J	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-8-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806029-02
% Solids:	NA	Date Collected:	06/05/08 15:10
Analytical Method:	8260B	Date Analyzed:	06/09/08 18:56
Preparation:	EPA 5030B	Date Received:	06/07/08 12:30
Batch:	P806153	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	0.320	ug/L	J	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-8-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806029-02RE1
% Solids:	NA	Date Collected:	06/05/08 15:10
Analytical Method:	8260B	Date Analyzed:	06/10/08 14:48
Preparation:	EPA 5030B	Date Received:	06/07/08 12:30
Batch:	P806170	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
67-64-1	Acetone		ug/L	U	2.00	10.0	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-9-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806029-03
% Solids:	NA	Date Collected:	06/06/08 11:00
Analytical Method:	8260B	Date Analyzed:	06/09/08 19:29
Preparation:	EPA 5030B	Date Received:	06/07/08 12:30
Batch:	P806153	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride	1.60	ug/L	J	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane	0.430	ug/L	J	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	Q1, U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide	0.250	ug/L	J	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	Q1, U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane	3.24	ug/L		0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	0.500	ug/L	J	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene	0.410	ug/L	J	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene	0.560	ug/L	J	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
74-88-4	Iodomethane		ug/L	U	0.500	2.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform	0.900	ug/L	J	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-9-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806029-03
% Solids:	NA	Date Collected:	06/06/08 11:00
Analytical Method:	8260B	Date Analyzed:	06/09/08 19:29
Preparation:	EPA 5030B	Date Received:	06/07/08 12:30
Batch:	P806153	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	0.470	ug/L	J	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-DUP-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806029-04
% Solids:	NA	Date Collected:	06/06/08 08:00
Analytical Method:	8260B	Date Analyzed:	06/09/08 20:01
Preparation:	EPA 5030B	Date Received:	06/07/08 12:30
Batch:	P806153	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride	1.49	ug/L	J	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane	0.410	ug/L	J	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	Q1, U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	Q1, U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane	3.16	ug/L		0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	0.340	ug/L	J	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene	0.350	ug/L	J	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene	0.490	ug/L	J	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
74-88-4	Iodomethane		ug/L	U	0.500	2.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-DUP-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806029-04
% Solids:	NA	Date Collected:	06/06/08 08:00
Analytical Method:	8260B	Date Analyzed:	06/09/08 20:01
Preparation:	EPA 5030B	Date Received:	06/07/08 12:30
Batch:	P806153	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	0.390	ug/L	J	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Trip Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806029-07
% Solids:	NA	Date Collected:	06/05/08 00:00
Analytical Method:	8260B	Date Analyzed:	06/09/08 17:18
Preparation:	EPA 5030B	Date Received:	06/07/08 12:30
Batch:	P806153	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	Q1, U	1.00	10.0	1
67-64-1	Acetone	2.86	ug/L	J	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	Q1, U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
74-88-4	Iodomethane		ug/L	U	0.500	2.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Trip Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806029-07
% Solids:	NA	Date Collected:	06/05/08 00:00
Analytical Method:	8260B	Date Analyzed:	06/09/08 17:18
Preparation:	EPA 5030B	Date Received:	06/07/08 12:30
Batch:	P806153	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806029

(Sample Delivery Group, SDG)

335.2

(Parameter)

P806315

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** Wet Chemistry

QC Batch: P806315 **Method:** 335.2

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/23/08	6/20/08	0806029-03		SAMPLE	0806029
6/23/08	6/20/08	0806029-04		SAMPLE	0806029
6/23/08	6/20/08	0806029-05		SAMPLE	0806029
6/23/08	6/20/08	0806029-06		SAMPLE	0806029
6/23/08	6/20/08	P806315-BLK1		Method Blank	0806029
6/23/08	6/20/08	P806315-BS1		LCS	0806029
6/23/08	6/20/08	P806315-BSD1		LCS Dup	0806029
6/23/08	6/20/08	P806315-MS1	0806037-02	Matrix Spike	0806029
6/23/08	6/20/08	P806315-MSD1	0806037-02	Matrix Spike Dup	0806029

Form 1 - Equivalent

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806315-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	
Batch:	P806315	Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)		mg/L	U	0.0125	0.0250	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806315-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	
Batch:	P806315	Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)	0.104	mg/L		0.0125	0.0250	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806315-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	
Batch:	P806315	Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)	0.0910	mg/L		0.0125	0.0250	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806315

Fraction: WET Matrix: Water

Units: mg/L

Lab Sample ID: ***P806315-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Cyanide (total)	0.100	0.104	104		75	125

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806315

Fraction: WET Matrix: Water

Units: mg/L

Lab Sample ID: ***P806315-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Cyanide (total)	0.100	0.0910	91.0		75	125	13.3

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806315-MS1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806315	Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)	0.0900	mg/L		0.0125	0.0250	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806315-MSD1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806315	Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)	0.0990	mg/L		0.0125	0.0250	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806315
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806315-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Cyanide (total)	0	0.100	0.0900	90.0		75	125

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806315
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806315-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Cyanide (total)	0	0.100	0.0990	99.0		9.52		75	125	25

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806029

(Sample Delivery Group, SDG)

6020A

(Parameter)

P806139

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** METALS

QC Batch: P806139 **Method:** 6020A

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/9/08	6/7/08	0806029-03		SAMPLE	0806029
6/9/08	6/7/08	0806029-04		SAMPLE	0806029
6/9/08	6/9/08	8F09007-SRD1	0806026-01	Serial Dilution	0806029
6/9/08	6/7/08	P806139-BLK1		Method Blank	0806029
6/9/08	6/7/08	P806139-BS1		LCS	0806029
6/9/08	6/7/08	P806139-BSD1		LCS Dup	0806029
6/9/08	6/7/08	P806139-MS1	0806026-01	Matrix Spike	0806029
6/9/08	6/7/08	P806139-MSD1	0806026-01	Matrix Spike Dup	0806029
6/9/08	6/7/08	P806139-PS1	0806026-01	Post Spike	0806029

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806139-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	06/09/08 14:48
Preparation:	SM3030C	Date Received:	
Batch:	P806139	Date Prepared:	06/07/08 13:58

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium		ug/L	U	0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium		ug/L	U	2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7439-97-6	Mercury		ug/L	U	0.250	0.500	1
7440-02-0	Nickel		ug/L	U	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-31-5	Tin		ug/L	U	2.50	5.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc		ug/L	U	5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806139-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	06/09/08 16:35
Preparation:	SM3030C	Date Received:	
Batch:	P806139	Date Prepared:	06/07/08 13:58

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	47.5	ug/L		0.500	1.00	1
7440-38-2	Arsenic	51.9	ug/L		1.00	2.00	1
7440-39-3	Barium	491	ug/L		0.500	1.00	1
7440-41-7	Beryllium	53.4	ug/L		0.500	1.00	1
7440-43-9	Cadmium	48.2	ug/L		0.500	1.00	1
7440-47-3	Chromium	54.1	ug/L		2.50	5.00	1
7440-48-4	Cobalt	46.1	ug/L		0.500	1.00	1
7440-50-8	Copper	47.5	ug/L		2.50	5.00	1
7439-92-1	Lead	490	ug/L		0.500	1.00	1
7439-97-6	Mercury	4.94	ug/L		0.250	0.500	1
7440-02-0	Nickel	48.2	ug/L		1.00	2.00	1
7782-49-2	Selenium	50.8	ug/L		2.00	4.00	1
7440-22-4	Silver	46.9	ug/L		0.500	1.00	1
7440-28-0	Thallium	49.2	ug/L		0.500	1.00	1
7440-31-5	Tin	94.0	ug/L		2.50	5.00	1
7440-62-2	Vanadium	52.9	ug/L		2.50	5.00	1
7440-66-6	Zinc	202	ug/L		5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806139-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	06/09/08 16:43
Preparation:	SM3030C	Date Received:	
Batch:	P806139	Date Prepared:	06/07/08 13:58

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	48.5	ug/L		0.500	1.00	1
7440-38-2	Arsenic	51.3	ug/L		1.00	2.00	1
7440-39-3	Barium	489	ug/L		0.500	1.00	1
7440-41-7	Beryllium	54.0	ug/L		0.500	1.00	1
7440-43-9	Cadmium	49.4	ug/L		0.500	1.00	1
7440-47-3	Chromium	53.1	ug/L		2.50	5.00	1
7440-48-4	Cobalt	47.3	ug/L		0.500	1.00	1
7440-50-8	Copper	47.5	ug/L		2.50	5.00	1
7439-92-1	Lead	496	ug/L		0.500	1.00	1
7439-97-6	Mercury	4.96	ug/L		0.250	0.500	1
7440-02-0	Nickel	47.5	ug/L		1.00	2.00	1
7782-49-2	Selenium	51.5	ug/L		2.00	4.00	1
7440-22-4	Silver	47.5	ug/L		0.500	1.00	1
7440-28-0	Thallium	48.3	ug/L		0.500	1.00	1
7440-31-5	Tin	96.5	ug/L		2.50	5.00	1
7440-62-2	Vanadium	52.1	ug/L		2.50	5.00	1
7440-66-6	Zinc	200	ug/L		5.00	10.0	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806139

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806139-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Antimony	50.0	47.5	94.9		80	120
Arsenic	50.0	51.9	104		80	120
Barium	500	491	98.2		80	120
Beryllium	50.0	53.4	107		80	120
Cadmium	50.0	48.2	96.4		80	120
Chromium	50.0	54.1	108		80	120
Cobalt	50.0	46.1	92.2		80	120
Copper	50.0	47.5	95.1		80	120
Lead	500	490	98.1		80	120
Mercury	5.00	4.94	98.7		80	120
Nickel	50.0	48.2	96.5		80	120
Selenium	50.0	50.8	102		80	120
Silver	50.0	46.9	93.7		80	120
Thallium	50.0	49.2	98.4		80	120
Tin	100	94.0	94.0		80	120
Vanadium	50.0	52.9	106		80	120
Zinc	200	202	101		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 17

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806139

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806139-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Antimony	50.0	48.5	96.9		80	120	2.09
Arsenic	50.0	51.3	103		80	120	1.23
Barium	500	489	97.9		80	120	0.362
Beryllium	50.0	54.0	108		80	120	1.21
Cadmium	50.0	49.4	98.8		80	120	2.45
Chromium	50.0	53.1	106		80	120	1.88
Cobalt	50.0	47.3	94.6		80	120	2.62
Copper	50.0	47.5	95.0		80	120	0.0515
Lead	500	496	99.2		80	120	1.12
Mercury	5.00	4.96	99.3		80	120	0.592
Nickel	50.0	47.5	95.0		80	120	1.52
Selenium	50.0	51.5	103		80	120	1.43
Silver	50.0	47.5	95.0		80	120	1.30
Thallium	50.0	48.3	96.6		80	120	1.83
Tin	100	96.5	96.5		80	120	2.62
Vanadium	50.0	52.1	104		80	120	1.55
Zinc	200	200	100		80	120	0.659

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 17

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806139-MS1
% Solids:	NA	Date Collected:	06/05/08 11:30
Analytical Methdod:	6020A	Date Analyzed:	06/09/08 15:22
Preparation:	SM3030C	Date Received:	06/06/08 11:20
Batch:	P806139	Date Prepared:	06/07/08 13:58

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	48.2	ug/L		0.500	1.00	1
7440-38-2	Arsenic	51.6	ug/L		1.00	2.00	1
7440-39-3	Barium	501	ug/L		0.500	1.00	1
7440-41-7	Beryllium	53.9	ug/L		0.500	1.00	1
7440-43-9	Cadmium	49.9	ug/L		0.500	1.00	1
7440-47-3	Chromium	60.2	ug/L		2.50	5.00	1
7440-48-4	Cobalt	46.9	ug/L		0.500	1.00	1
7440-50-8	Copper	48.6	ug/L		2.50	5.00	1
7439-92-1	Lead	478	ug/L		0.500	1.00	1
7439-97-6	Mercury	4.80	ug/L		0.250	0.500	1
7440-02-0	Nickel	47.4	ug/L		1.00	2.00	1
7782-49-2	Selenium	56.7	ug/L		2.00	4.00	1
7440-22-4	Silver	50.9	ug/L		0.500	1.00	1
7440-28-0	Thallium	46.4	ug/L		0.500	1.00	1
7440-31-5	Tin	94.1	ug/L		2.50	5.00	1
7440-62-2	Vanadium	46.3	ug/L		2.50	5.00	1
7440-66-6	Zinc	210	ug/L		5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806139-MSD1
% Solids:	NA	Date Collected:	06/05/08 11:30
Analytical Methdod:	6020A	Date Analyzed:	06/09/08 15:30
Preparation:	SM3030C	Date Received:	06/06/08 11:20
Batch:	P806139	Date Prepared:	06/07/08 13:58

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	47.9	ug/L		0.500	1.00	1
7440-38-2	Arsenic	51.8	ug/L		1.00	2.00	1
7440-39-3	Barium	501	ug/L		0.500	1.00	1
7440-41-7	Beryllium	52.5	ug/L		0.500	1.00	1
7440-43-9	Cadmium	49.8	ug/L		0.500	1.00	1
7440-47-3	Chromium	60.0	ug/L		2.50	5.00	1
7440-48-4	Cobalt	47.5	ug/L		0.500	1.00	1
7440-50-8	Copper	48.7	ug/L		2.50	5.00	1
7439-92-1	Lead	469	ug/L		0.500	1.00	1
7439-97-6	Mercury	4.74	ug/L		0.250	0.500	1
7440-02-0	Nickel	48.3	ug/L		1.00	2.00	1
7782-49-2	Selenium	56.6	ug/L		2.00	4.00	1
7440-22-4	Silver	50.9	ug/L		0.500	1.00	1
7440-28-0	Thallium	46.5	ug/L		0.500	1.00	1
7440-31-5	Tin	94.7	ug/L		2.50	5.00	1
7440-62-2	Vanadium	45.4	ug/L		2.50	5.00	1
7440-66-6	Zinc	213	ug/L		5.00	10.0	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806139

Fraction: METALS Matrix: Water

Units: ug/L

Original Sample ***0806026-01*** ***Lab Sample ID for MS :*** ***P806139-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Antimony	0	50.0	48.2	96.4		75	125
Arsenic	0	50.0	51.6	103		75	125
Barium	49.2	500	501	90.4		75	125
Beryllium	0	50.0	53.9	108		75	125
Cadmium	0	50.0	49.9	99.7		75	125
Chromium	7.82	50.0	60.2	105		75	125
Cobalt	0.925	50.0	46.9	91.9		75	125
Copper	2.70	50.0	48.6	91.8		75	125
Lead	0	500	478	95.6		75	125
Mercury	0	5.00	4.80	96.0		75	125
Nickel	2.06	50.0	47.4	90.7		75	125
Selenium	2.99	50.0	56.7	107		75	125
Silver	0	50.0	50.9	102		75	125
Thallium	0	50.0	46.4	92.9		75	125
Tin	0	100	94.1	94.1		75	125
Vanadium	0	50.0	46.3	92.6		75	125
Zinc	10.1	200	210	100		75	125

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806139

Fraction: METALS Matrix: Water

Units: ug/L

Original Sample ***0806026-01*** ***Lab Sample ID for MSD*** ***P806139-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Antimony	0	50.0	47.9	95.9		0.496		75	125	20
Arsenic	0	50.0	51.8	104		0.282		75	125	20
Barium	49.2	500	501	90.4		0.0251		75	125	20
Beryllium	0	50.0	52.5	105		2.52		75	125	20
Cadmium	0	50.0	49.8	99.6		0.0898		75	125	20
Chromium	7.82	50.0	60.0	104		0.378		75	125	20
Cobalt	0.925	50.0	47.5	93.2		1.35		75	125	20
Copper	2.70	50.0	48.7	92.0		0.198		75	125	20
Lead	0	500	469	93.8		1.96		75	125	20
Mercury	0	5.00	4.74	94.9		1.17		75	125	20
Nickel	2.06	50.0	48.3	92.4		1.78		75	125	20
Selenium	2.99	50.0	56.6	107		0.222		75	125	20
Silver	0	50.0	50.9	102		0.0703		75	125	20
Thallium	0	50.0	46.5	93.0		0.133		75	125	20
Tin	0	100	94.7	94.7		0.694		75	125	20
Vanadium	0	50.0	45.4	90.8		2.02		75	125	20
Zinc	10.1	200	213	101		1.35		75	125	20

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Post Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806139-PS1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	6020A	Date Collected:	06/05/08 11:30
Preparation:	SM3030C	Date Analyzed:	06/09/08 15:37
Batch:	P806139	Date Received:	06/06/08 11:20

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	48.8	ug/L		0.500	1.00	1
7440-38-2	Arsenic	53.2	ug/L		1.00	2.00	1
7440-39-3	Barium	517	ug/L		0.500	1.00	1
7440-41-7	Beryllium	54.0	ug/L		0.500	1.00	1
7440-43-9	Cadmium	51.1	ug/L		0.500	1.00	1
7440-47-3	Chromium	60.2	ug/L		2.50	5.00	1
7440-48-4	Cobalt	48.5	ug/L		0.500	1.00	1
7440-50-8	Copper	50.8	ug/L		2.50	5.00	1
7439-92-1	Lead	493	ug/L		0.500	1.00	1
7439-97-6	Mercury	5.04	ug/L		0.250	0.500	1
7440-02-0	Nickel	50.4	ug/L		1.00	2.00	1
7782-49-2	Selenium	59.0	ug/L		2.00	4.00	1
7440-22-4	Silver	51.2	ug/L		0.500	1.00	1
7440-28-0	Thallium	48.3	ug/L		0.500	1.00	1
7440-31-5	Tin	96.0	ug/L		2.50	5.00	1
7440-62-2	Vanadium	47.0	ug/L		2.50	5.00	1
7440-66-6	Zinc	218	ug/L		5.00	10.0	1

Form 5B - Equivalent

POST DIGESTION SPIKE SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc.

Fraction: METALS

Analytical Batch: 8F09007

Prep Batch: P806139

COMPOUND	Original Amount	SPIKE ADDED	PDS Amount	PDS % REC	PDS % REC FLAG	QC. LIMITS LCL	QC. LIMITS UCL
Antimony	ND	50.0	48.8	97.5		75	125
Arsenic	ND	50.0	53.2	106		75	125
Barium	49.2	500	517	93.6		75	125
Beryllium	ND	50.0	54.0	108		75	125
Cadmium	ND	50.0	51.1	102		75	125
Chromium	7.82	50.0	60.2	105		75	125
Cobalt	0.925	50.0	48.5	95.2		75	125
Copper	2.70	50.0	50.8	96.1		75	125
Lead	ND	500	493	98.5		75	125
Mercury	ND	5.00	5.04	101		75	125
Nickel	2.06	50.0	50.4	96.6		75	125
Selenium	2.99	50.0	59.0	112		75	125
Silver	ND	50.0	51.2	102		75	125
Thallium	ND	50.0	48.3	96.6		75	125
Tin	ND	100	96.0	96.0		75	125
Vanadium	ND	50.0	47.0	93.9		75	125
Zinc	10.1	200	218	104		75	125

* Values outside of QC limits

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Serial Dilution
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	8F09007-SRD1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	6020A	Date Collected:	06/05/08 11:30
Preparation:	P806139	Date Analyzed:	06/09/08 15:16
Batch:	8F09007	Date Received:	06/06/08 11:20

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	2.50	5.00	5
7440-38-2	Arsenic		ug/L	U	5.00	10.0	5
7440-39-3	Barium	48.1	ug/L		2.50	5.00	5
7440-41-7	Beryllium		ug/L	U	2.50	5.00	5
7440-43-9	Cadmium		ug/L	U	2.50	5.00	5
7440-47-3	Chromium		ug/L	U	12.5	25.0	5
7440-48-4	Cobalt		ug/L	U	2.50	5.00	5
7440-50-8	Copper		ug/L	U	12.5	25.0	5
7439-92-1	Lead		ug/L	U	2.50	5.00	5
7439-97-6	Mercury		ug/L	U	1.25	2.50	5
7440-02-0	Nickel		ug/L	U	5.00	10.0	5
7782-49-2	Selenium		ug/L	U	10.0	20.0	5
7440-22-4	Silver		ug/L	U	2.50	5.00	5
7440-28-0	Thallium		ug/L	U	2.50	5.00	5
7440-31-5	Tin		ug/L	U	12.5	25.0	5
7440-62-2	Vanadium		ug/L	U	12.5	25.0	5
7440-66-6	Zinc		ug/L	U	25.0	50.0	5

Form 8 - Equivalent

PERCENT DIFFERENCE FOR SERIAL DILUTION SAMPLE

Lab Name: Analytical Management Laboratories, Inc. Analytical Batch: 8F09007

Fraction: METALS

Orig HSN: 0806026-01 **SD HSN:** 8F09007-SRD1

Orig Dil: 1 **SD Dil:** 5

COMPOUND	Original Amount	SD Amount	%D	QC FLAG	QC. LIMIT UCL
Antimony	U	U	NA		10
Arsenic	U	U	NA		10
Barium	49.2	48.1	2.24		10
Beryllium	U	U	NA		10
Cadmium	U	U	NA		10
Chromium	7.82	U	NA		10
Cobalt	0.925	U	NA		10
Copper	2.70	U	NA		10
Lead	U	U	NA		10
Mercury	U	U	NA		10
Nickel	2.06	U	NA		10
Selenium	2.99	U	NA		10
Silver	U	U	NA		10
Thallium	U	U	NA		10
Tin	U	U	NA		10
Vanadium	U	U	NA		10
Zinc	10.1	U	NA		10

* Values outside of QC limits

NA = Not Applicable

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806029

(Sample Delivery Group, SDG)

7470A

(Parameter)

P806156

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** METALS

QC Batch: P806156 **Method:** 7470A

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/13/08	6/13/08	0806029-03		SAMPLE	0806029
6/13/08	6/13/08	0806029-04		SAMPLE	0806029
6/13/08	6/13/08	P806156-BLK1		Method Blank	0806029
6/13/08	6/13/08	P806156-BLK2		Method Blank	0806029
6/13/08	6/13/08	P806156-BS1		LCS	0806029
6/13/08	6/13/08	P806156-BSD1		LCS Dup	0806029
6/13/08	6/13/08	P806156-MS1	0806024-01	Matrix Spike	0806029
6/13/08	6/13/08	P806156-MSD1	0806024-01	Matrix Spike Dup	0806029
6/13/08	6/13/08	P806156-PS1	0806024-01	Post Spike	0806029

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806156-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/13/08 15:35
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806156	Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806156-BLK2
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/13/08 15:41
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806156	Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806156-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/13/08 15:37
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806156	Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.92	ug/L		0.100	0.200	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806156-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/13/08 15:39
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806156	Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.11	ug/L		0.100	0.200	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806156
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Lab Sample ID: ***P806156-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Mercury	2.00	1.92	96.0		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806156
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Lab Sample ID: ***P806156-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Mercury	2.00	2.11	106		80	120	9.43

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806156-MS1
% Solids:	NA	Date Collected:	06/04/08 11:15
Analytical Methdod:	7470A	Date Analyzed:	06/13/08 15:58
Preparation:	EPA 7470A Prep	Date Received:	06/06/08 10:08
Batch:	P806156	Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.03	ug/L		0.102	0.204	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806156-MSD1
% Solids:	NA	Date Collected:	06/04/08 11:15
Analytical Methdod:	7470A	Date Analyzed:	06/13/08 16:00
Preparation:	EPA 7470A Prep	Date Received:	06/06/08 10:08
Batch:	P806156	Date Prepared:	06/13/08 10:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.01	ug/L		0.102	0.204	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806156
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Original Sample ***0806024-01*** ***Lab Sample ID for MS :*** ***P806156-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Mercury	0	2.04	2.03	99.5		80	120

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806156
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Original Sample ***0806024-01*** ***Lab Sample ID for MSD*** ***P806156-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Mercury	0	2.04	2.01	98.5		1.01		80	120	20

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Post Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806156-PS1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	7470A	Date Collected:	06/04/08 11:15
Preparation:	EPA 7470A Prep	Date Analyzed:	06/13/08 16:02
Batch:	P806156	Date Received:	06/06/08 10:08

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.48	ug/L		0.100	0.200	1

Form 5B - Equivalent

POST DIGESTION SPIKE SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc.

Fraction: METALS

Analytical Batch: 8F13005

Prep Batch: P806156

COMPOUND	Original Amount	SPIKE ADDED	PDS Amount	PDS % REC	PDS % REC FLAG	QC. LIMITS LCL	QC. LIMITS UCL
Mercury	ND	2.00	2.48	124	*	80	120

* Values outside of QC limits

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806029

(Sample Delivery Group, SDG)

SM-4500-NO3 E

(Parameter)

P806234

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc.
Fraction: Wet Chemistry
QC Batch: P806234
Method: SM-4500-NO3 E

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/25/08	6/25/08	0806029-03		SAMPLE	0806029
6/25/08	6/25/08	0806029-04		SAMPLE	0806029
6/25/08	6/25/08	0806029-06		SAMPLE	0806029
6/25/08	6/25/08	P806234-BLK1		Method Blank	0806029
6/25/08	6/25/08	P806234-BS1		LCS	0806029
6/25/08	6/25/08	P806234-BSD1		LCS Dup	0806029
6/25/08	6/25/08	P806234-MS1	0805127-03	Matrix Spike	0806029
6/25/08	6/25/08	P806234-MSD1	0805127-03	Matrix Spike Dup	0806029

Form 1 - Equivalent

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806234-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	SM-4500-NO3 E	Date Analyzed:	06/25/08 10:28
Preparation:	SM-4500-NO3 E	Date Received:	
Batch:	P806234	Date Prepared:	06/25/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N		mg/L	U	0.0200	0.0400	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806234-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	SM-4500-NO3 E	Date Analyzed:	06/25/08 10:28
Preparation:	SM-4500-NO3 E	Date Received:	
Batch:	P806234	Date Prepared:	06/25/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.293	mg/L		0.0200	0.0400	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806234-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	SM-4500-NO3 E	Date Analyzed:	06/25/08 10:28
Preparation:	SM-4500-NO3 E	Date Received:	
Batch:	P806234	Date Prepared:	06/25/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.271	mg/L		0.0200	0.0400	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806234
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Lab Sample ID: ***P806234-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Nitrate/Nitrite as N	0.300	0.293	97.7		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806234

Fraction: WET Matrix: Water

Units: mg/L

Lab Sample ID: ***P806234-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Nitrate/Nitrite as N	0.300	0.271	90.3		80	120	7.80

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806234-MS1
% Solids:	NA	Date Collected:	05/21/08 10:45
Analytical Methdod:	SM-4500-NO3 E	Date Analyzed:	06/25/08 10:28
Preparation:	SM-4500-NO3 E	Date Received:	05/22/08 10:00
Batch:	P806234	Date Prepared:	06/25/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.292	mg/L		0.0200	0.0400	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806234-MSD1
% Solids:	NA	Date Collected:	05/21/08 10:45
Analytical Methdod:	SM-4500-NO3 E	Date Analyzed:	06/25/08 10:28
Preparation:	SM-4500-NO3 E	Date Received:	05/22/08 10:00
Batch:	P806234	Date Prepared:	06/25/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.296	mg/L		0.0200	0.0400	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806234
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Original Sample ***0805127-03*** ***Lab Sample ID for MS :*** ***P806234-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Nitrate/Nitrite as N	0.0510	0.300	0.292	80.3		80	120

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806234

Fraction: WET Matrix: Water

Units: mg/L

Original Sample ***0805127-03*** ***Lab Sample ID for MSD*** ***P806234-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Nitrate/Nitrite as N	0.0510	0.300	0.296	81.7		1.36		80	120	20

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806029

(Sample Delivery Group, SDG)

300.0

(Parameter)

P806141

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc.
Fraction: Wet Chemistry
QC Batch: P806141
Method: 300.0

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/8/08	6/8/08	0806029-03		SAMPLE	0806029
6/8/08	6/8/08	0806029-04		SAMPLE	0806029
6/8/08	6/8/08	0806029-06		SAMPLE	0806029
6/8/08	6/8/08	P806141-BLK1		Method Blank	0806029
6/8/08	6/8/08	P806141-BS1		LCS	0806029
6/8/08	6/8/08	P806141-BSD1		LCS Dup	0806029

Form 1 - Equivalent

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P806141-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	300.0	Date Analyzed:	06/08/08 17:56
Preparation:	300.0	Date Received:	
Batch:	P806141	Date Prepared:	06/08/08 13:48

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-65-0	Nitrite-N		mg/L	U	0.0950	0.190	1
14797-55-8	Nitrate-N		mg/L	U	0.0570	0.113	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P806141-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	300.0	Date Analyzed:	06/08/08 18:16
Preparation:	300.0	Date Received:	
Batch:	P806141	Date Prepared:	06/08/08 13:48

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-65-0	Nitrite-N	7.33	mg/L		0.0950	0.190	1
14797-55-8	Nitrate-N	4.34	mg/L		0.0570	0.113	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1.00 mL / 1.0 mL	Lab Sample ID:	P806141-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	300.0	Date Analyzed:	06/08/08 18:37
Preparation:	300.0	Date Received:	
Batch:	P806141	Date Prepared:	06/08/08 13:48

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
14797-65-0	Nitrite-N	7.35	mg/L		0.0950	0.190	1
14797-55-8	Nitrate-N	4.33	mg/L		0.0570	0.113	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806141

Fraction: WET Matrix: Water

Units: mg/L

Lab Sample ID: ***P806141-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Nitrite-N	7.60	7.33	96.5		90	110
Nitrate-N	4.52	4.34	95.9		90	110

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 2

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806141

Fraction: WET Matrix: Water

Units: mg/L

Lab Sample ID: ***P806141-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Nitrite-N	7.60	7.35	96.7		90	110	0.232
Nitrate-N	4.52	4.33	95.7		90	110	0.185

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 2

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806029

(Sample Delivery Group, SDG)

8082

(Parameter)

P806236

(Analytical Batch)

Quality Control Association Form

Lab Name:	Analytical Management Laboratories, Inc.	**Fraction:**	GC
QC Batch:	P806236	**Method:**	8082

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/19/08	6/12/08	0806029-03		SAMPLE	0806029
6/19/08	6/12/08	0806029-04		SAMPLE	0806029
6/19/08	6/12/08	0806029-06		SAMPLE	0806029
6/19/08	6/12/08	P806236-BLK1		Method Blank	0806029
6/19/08	6/12/08	P806236-BS2		LCS	0806029
6/19/08	6/12/08	P806236-BSD2		LCS Dup	0806029

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806236

SLMW-9-5-08 (0806029-03)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	45.3	40	135	

SLMW-DUP-5-08 (0806029-04)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	40.4	40	135	

SLMW-8-5-08 (0806029-06)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	57.3	40	135	

Blank (P806236-BLK1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	40.5	40	135	

LCS (P806236-BS2)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	43.8	40	135	

LCS Dup (P806236-BSD2)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	52.3	40	135	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806236-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8082	Date Analyzed:	06/19/08 01:50
Preparation:	EPA 3510C	Date Received:	
Batch:	P806236	Date Prepared:	06/12/08 09:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016		ug/L	U	0.200	1.00	1
11104-28-2	Aroclor-1221		ug/L	U	0.200	1.00	1
11141-16-5	Aroclor-1232		ug/L	U	0.200	1.00	1
53469-21-9	Aroclor-1242		ug/L	U	0.200	1.00	1
12672-29-6	Aroclor-1248		ug/L	U	0.200	1.00	1
11097-69-1	Aroclor-1254		ug/L	U	0.200	1.00	1
11096-82-5	Aroclor-1260		ug/L	U	0.200	1.00	1
11100-14-4	Aroclor-1268		ug/L	U	0.200	1.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806236-BS2
% Solids:	NA	Date Collected:	
Analytical Methdod:	8082	Date Analyzed:	06/19/08 02:33
Preparation:	EPA 3510C	Date Received:	
Batch:	P806236	Date Prepared:	06/12/08 09:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016	1.74	ug/L		0.200	1.00	1
11096-82-5	Aroclor-1260	1.70	ug/L		0.200	1.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806236-BSD2
% Solids:	NA	Date Collected:	
Analytical Methdod:	8082	Date Analyzed:	06/19/08 02:47
Preparation:	EPA 3510C	Date Received:	
Batch:	P806236	Date Prepared:	06/12/08 09:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016	2.01	ug/L		0.200	1.00	1
11096-82-5	Aroclor-1260	1.92	ug/L		0.200	1.00	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806236
Fraction:	GC	Matrix:	Water
Units:	ug/L		

Lab Sample ID: ***P806236-BS2***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Aroclor-1016	3.00	1.74	58.1		25	145
Aroclor-1260	3.00	1.70	56.6		30	145

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 2

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806236
Fraction:	GC	Matrix:	Water
Units:	ug/L		

Lab Sample ID: ***P806236-BSD2***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Aroclor-1016	3.00	2.01	67.1		25	145	14.1
Aroclor-1260	3.00	1.92	64.0		30	145	12.2

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 2

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806029

(Sample Delivery Group, SDG)

8081B

(Parameter)

P806236

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** PEST

QC Batch: P806236 **Method:** 8081B

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/19/08	6/12/08	0806029-03		SAMPLE	0806029
6/19/08	6/12/08	0806029-04		SAMPLE	0806029
6/19/08	6/12/08	0806029-06		SAMPLE	0806029
6/19/08	6/12/08	P806236-BLK1		Method Blank	0806029
6/19/08	6/12/08	P806236-BS1		LCS	0806029
6/19/08	6/12/08	P806236-BSD1		LCS Dup	0806029

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806236

SLMW-9-5-08 (0806029-03)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	42.3	30	135	
TCMX	56.6	25	140	

SLMW-DUP-5-08 (0806029-04)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	33.6	30	135	
TCMX	48.2	25	140	

SLMW-8-5-08 (0806029-06)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	63.1	30	135	
TCMX	133	25	140	

Blank (P806236-BLK1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	44.3	30	135	
TCMX	59.7	25	140	

LCS (P806236-BS1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	69.6	30	135	
TCMX	93.0	25	140	

LCS Dup (P806236-BSD1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	39.7	30	135	
TCMX	86.1	25	140	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806236-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8081B	Date Analyzed:	06/19/08 01:50
Preparation:	EPA 3510C	Date Received:	
Batch:	P806236	Date Prepared:	06/12/08 09:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD		ug/L	U	0.0250	0.0500	1
72-55-9	4,4'-DDE		ug/L	U	0.0250	0.0500	1
50-29-3	4,4'-DDT		ug/L	U	0.0250	0.0500	1
309-00-2	Aldrin		ug/L	U	0.0125	0.0250	1
319-84-6	alpha-BHC		ug/L	U	0.0125	0.0250	1
57-74-9	Chlordane (Technical)		ug/L	U	0.250	0.500	1
5103-71-9	alpha-Chlordane		ug/L	U	0.0125	0.0250	1
319-85-7	beta-BHC		ug/L	U	0.0125	0.0250	1
319-86-8	delta-BHC		ug/L	U	0.0125	0.0250	1
60-57-1	Dieldrin		ug/L	U	0.0250	0.0500	1
959-98-8	Endosulfan I		ug/L	U	0.0125	0.0250	1
33213-65-9	Endosulfan II		ug/L	U	0.0250	0.0500	1
1031-07-8	Endosulfan sulfate		ug/L	U	0.0250	0.0500	1
72-20-8	Endrin		ug/L	U	0.0250	0.0500	1
7421-93-4	Endrin aldehyde		ug/L	U	0.0250	0.0500	1
53494-70-5	Endrin ketone		ug/L	U	0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)		ug/L	U	0.0125	0.0250	1
5103-74-2	gamma-Chlordane		ug/L	U	0.0125	0.0250	1
76-44-8	Heptachlor		ug/L	U	0.0125	0.0250	1
1024-57-3	Heptachlor epoxide		ug/L	U	0.0125	0.0250	1
72-43-5	Methoxychlor		ug/L	U	0.125	0.250	1
8001-35-2	Toxaphene		ug/L	U	1.00	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806236-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8081B	Date Analyzed:	06/19/08 12:45
Preparation:	EPA 3510C	Date Received:	
Batch:	P806236	Date Prepared:	06/12/08 09:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD	0.616	ug/L		0.0250	0.0500	1
72-55-9	4,4'-DDE	0.578	ug/L		0.0250	0.0500	1
50-29-3	4,4'-DDT	0.565	ug/L		0.0250	0.0500	1
309-00-2	Aldrin	0.218	ug/L		0.0125	0.0250	1
319-84-6	alpha-BHC	0.289	ug/L		0.0125	0.0250	1
5103-71-9	alpha-Chlordane	0.273	ug/L		0.0125	0.0250	1
319-84-6	beta-BHC	0.288	ug/L		0.0125	0.0250	1
319-86-8	delta-BHC	0.143	ug/L		0.0125	0.0250	1
60-57-1	Dieldrin	0.594	ug/L		0.0250	0.0500	1
959-98-8	Endosulfan I	0.289	ug/L		0.0125	0.0250	1
33213-65-9	Endosulfan II	0.592	ug/L		0.0250	0.0500	1
1031-07-8	Endosulfan sulfate	0.505	ug/L		0.0250	0.0500	1
72-20-8	Endrin	0.606	ug/L		0.0250	0.0500	1
7421-93-4	Endrin aldehyde	0.577	ug/L		0.0250	0.0500	1
53494-70-5	Endrin ketone	0.590	ug/L		0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)	0.285	ug/L		0.0125	0.0250	1
5103-74-2	gamma-Chlordane	0.267	ug/L		0.0125	0.0250	1
76-44-8	Heptachlor	0.246	ug/L		0.0125	0.0250	1
1024-57-3	Heptachlor epoxide	0.284	ug/L		0.0125	0.0250	1
72-43-5	Methoxychlor	2.93	ug/L		0.125	0.250	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806236-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8081B	Date Analyzed:	06/19/08 12:59
Preparation:	EPA 3510C	Date Received:	
Batch:	P806236	Date Prepared:	06/12/08 09:10

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD	0.509	ug/L		0.0250	0.0500	1
72-55-9	4,4'-DDE	0.468	ug/L		0.0250	0.0500	1
50-29-3	4,4'-DDT	0.455	ug/L		0.0250	0.0500	1
309-00-2	Aldrin	0.193	ug/L		0.0125	0.0250	1
319-84-6	alpha-BHC	0.256	ug/L		0.0125	0.0250	1
5103-71-9	alpha-Chlordane	0.234	ug/L		0.0125	0.0250	1
319-84-6	beta-BHC	0.255	ug/L		0.0125	0.0250	1
319-86-8	delta-BHC	0.126	ug/L		0.0125	0.0250	1
60-57-1	Dieldrin	0.516	ug/L		0.0250	0.0500	1
959-98-8	Endosulfan I	0.256	ug/L		0.0125	0.0250	1
33213-65-9	Endosulfan II	0.518	ug/L		0.0250	0.0500	1
1031-07-8	Endosulfan sulfate	0.435	ug/L		0.0250	0.0500	1
72-20-8	Endrin	0.529	ug/L		0.0250	0.0500	1
7421-93-4	Endrin aldehyde	0.507	ug/L		0.0250	0.0500	1
53494-70-5	Endrin ketone	0.548	ug/L		0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)	0.252	ug/L		0.0125	0.0250	1
5103-74-2	gamma-Chlordane	0.228	ug/L		0.0125	0.0250	1
76-44-8	Heptachlor	0.220	ug/L		0.0125	0.0250	1
1024-57-3	Heptachlor epoxide	0.252	ug/L		0.0125	0.0250	1
72-43-5	Methoxychlor	2.44	ug/L		0.125	0.250	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806236

Fraction: PEST Matrix: Water

Units: ug/L

Lab Sample ID: ***P806236-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
4,4'-DDD	0.700	0.616	88.0		25	150
4,4'-DDE	0.700	0.578	82.6		35	140
4,4'-DDT	0.700	0.565	80.8		45	140
Aldrin	0.350	0.218	62.3		25	140
alpha-BHC	0.350	0.289	82.6		60	130
alpha-Chlordane	0.350	0.273	78.1		65	125
beta-BHC	0.350	0.288	82.2		65	125
delta-BHC	0.350	0.143	41.0	ME	45	135
Dieldrin	0.700	0.594	84.9		60	130
Endosulfan I	0.350	0.289	82.5		50	110
Endosulfan II	0.700	0.592	84.5		30	130
Endosulfan sulfate	0.700	0.505	72.1		55	135
Endrin	0.700	0.606	86.5		55	135
Endrin aldehyde	0.700	0.577	82.4		55	135
Endrin ketone	0.700	0.590	84.3		75	125
gamma-BHC (Lindane)	0.350	0.285	81.5		25	135
gamma-Chlordane	0.350	0.267	76.2		60	125
Heptachlor	0.350	0.246	70.2		40	130
Heptachlor epoxide	0.350	0.284	81.2		60	130
Methoxychlor	3.50	2.93	83.7		55	150

Actual Number of Marginal Exceedences: 1

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 20

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806236

Fraction: PEST Matrix: Water

Units: ug/L

Lab Sample ID: ***P806236-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
4,4'-DDD	0.700	0.509	72.7		25	150	19.0
4,4'-DDE	0.700	0.468	66.9		35	140	21.1
4,4'-DDT	0.700	0.455	65.0		45	140	21.7
Aldrin	0.350	0.193	55.2		25	140	12.0
alpha-BHC	0.350	0.256	73.1		60	130	12.2
alpha-Chlordane	0.350	0.234	66.8		65	125	15.6
beta-BHC	0.350	0.255	72.9		65	125	11.9
delta-BHC	0.350	0.126	36.0	ME	45	135	12.9
Dieldrin	0.700	0.516	73.7		60	130	14.2
Endosulfan I	0.350	0.256	73.0		50	110	12.2
Endosulfan II	0.700	0.518	74.0		30	130	13.2
Endosulfan sulfate	0.700	0.435	62.2		55	135	14.8
Endrin	0.700	0.529	75.5		55	135	13.6
Endrin aldehyde	0.700	0.507	72.4		55	135	12.8
Endrin ketone	0.700	0.548	78.3		75	125	14.9
gamma-BHC (Lindane)	0.350	0.252	72.0		25	135	12.3
gamma-Chlordane	0.350	0.228	65.0		60	125	15.8
Heptachlor	0.350	0.220	62.9		40	130	10.9
Heptachlor epoxide	0.350	0.252	71.9		60	130	12.2
Methoxychlor	3.50	2.44	69.8		55	150	18.1

Actual Number of Marginal Exceedences: 1

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 20

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806029

(Sample Delivery Group, SDG)

376.2

(Parameter)

P806259

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** Wet Chemistry

QC Batch: P806259 **Method:** 376.2

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/13/08	6/13/08	0806029-03		SAMPLE	0806029
6/13/08	6/13/08	0806029-04		SAMPLE	0806029
6/13/08	6/13/08	0806029-05		SAMPLE	0806029
6/13/08	6/13/08	0806029-06		SAMPLE	0806029
6/13/08	6/13/08	P806259-BLK1		Method Blank	0806029
6/13/08	6/13/08	P806259-BS1		LCS	0806029
6/13/08	6/13/08	P806259-BSD1		LCS Dup	0806029
6/13/08	6/13/08	P806259-MS1	0806037-02	Matrix Spike	0806029
6/13/08	6/13/08	P806259-MSD1	0806037-02	Matrix Spike Dup	0806029

Form 1 - Equivalent

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	P806259-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	
Batch:	P806259	Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide		mg/L	U	0.0500	0.178	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	P806259-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	
Batch:	P806259	Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide	0.373	mg/L		0.0500	0.178	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	P806259-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	
Batch:	P806259	Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide	0.391	mg/L		0.0500	0.178	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806259
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Lab Sample ID: ***P806259-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Sulfide	0.375	0.373	99.5		75	125

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806259

Fraction: WET Matrix: Water

Units: mg/L

Lab Sample ID: ***P806259-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Sulfide	0.375	0.391	104		75	125	4.71

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	P806259-MS1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806259	Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide	0.417	mg/L		0.0500	0.178	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	P806259-MSD1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806259	Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide	0.488	mg/L		0.0500	0.178	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806259
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806259-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Sulfide	0	0.375	0.417	111		75	125

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806259

Fraction: WET Matrix: Water

Units: mg/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806259-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Sulfide	0	0.375	0.488	130	ME*	15.7		75	125	25

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806029

(Sample Delivery Group, SDG)

8270C

(Parameter)

P806190

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc.
QC Batch: P806190
Fraction: GC Extractables
Method: 8270C

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/19/08	6/11/08	0806029-03		SAMPLE	0806029
6/20/08	6/11/08	0806029-04		SAMPLE	0806029
6/19/08	6/11/08	0806029-06		SAMPLE	0806029
6/19/08	6/11/08	P806190-BLK1		Method Blank	0806029
6/19/08	6/11/08	P806190-BS1		LCS	0806029
6/19/08	6/11/08	P806190-BSD1		LCS Dup	0806029

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806190

SLMW-9-5-08 (0806029-03)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
2,4,6-Tribromophenol	73.3	40	125	
2-Fluorobiphenyl	61.1	40	140	
2-Fluorophenol	58.0	20	110	
Nitrobenzene-d5	64.0	40	110	
Phenol-d5	48.7	10	115	
Terphenyl-d14	86.6	50	135	

SLMW-DUP-5-08 (0806029-04)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
2,4,6-Tribromophenol	6.09	40	125	*
2-Fluorobiphenyl	68.7	40	140	
2-Fluorophenol	16.0	20	110	*
Nitrobenzene-d5	71.0	40	110	
Phenol-d5	23.4	10	115	
Terphenyl-d14	81.2	50	135	

SLMW-8-5-08 (0806029-06)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
2,4,6-Tribromophenol	72.1	40	125	
2-Fluorobiphenyl	62.6	40	140	
2-Fluorophenol	40.8	20	110	
Nitrobenzene-d5	66.2	40	110	
Phenol-d5	29.4	10	115	
Terphenyl-d14	84.3	50	135	

Blank (P806190-BLK1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
2,4,6-Tribromophenol	66.7	40	125	
2-Fluorobiphenyl	69.5	40	140	
2-Fluorophenol	52.1	20	110	
Nitrobenzene-d5	73.7	40	110	
Phenol-d5	39.2	10	115	
Terphenyl-d14	95.0	50	135	

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806190

LCS (P806190-BS1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	79.7	40	125	
2-Fluorobiphenyl	79.8	40	140	
2-Fluorophenol	55.8	20	110	
Nitrobenzene-d5	81.5	40	110	
Phenol-d5	39.2	10	115	
Terphenyl-d14	98.0	50	135	

LCS Dup (P806190-BSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	70.0	40	125	
2-Fluorobiphenyl	72.4	40	140	
2-Fluorophenol	55.5	20	110	
Nitrobenzene-d5	78.9	40	110	
Phenol-d5	39.7	10	115	
Terphenyl-d14	85.4	50	135	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806190-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/19/08 16:06
Preparation:	EPA 3510C	Date Received:	
Batch:	P806190	Date Prepared:	06/11/08 12:02

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.250	10.0	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.230	10.0	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.360	10.0	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol		ug/L	U	0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol		ug/L	U	0.670	10.0	1
120-83-2	2,4-Dichlorophenol		ug/L	U	0.360	10.0	1
105-67-9	2,4-Dimethylphenol		ug/L	U	0.230	10.0	1
51-28-5	2,4-Dinitrophenol		ug/L	U	1.59	10.0	1
121-14-2	2,4-Dinitrotoluene		ug/L	U	0.350	10.0	1
606-20-2	2,6-Dinitrotoluene		ug/L	U	0.240	10.0	1
91-58-7	2-Chloronaphthalene		ug/L	U	0.160	10.0	1
95-57-8	2-Chlorophenol		ug/L	U	0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol		ug/L	U	0.950	10.0	1
91-57-6	2-Methylnaphthalene		ug/L	U	2.62	10.0	1
95-48-7	2-Methylphenol		ug/L	U	0.310	10.0	1
88-74-4	2-Nitroaniline		ug/L	U	0.430	10.0	1
88-75-5	2-Nitrophenol		ug/L	U	0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine		ug/L	U	1.46	10.0	1
99-09-2	3-Nitroaniline		ug/L	U	0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether		ug/L	U	0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol		ug/L	U	0.250	10.0	1
106-47-8	4-Chloroaniline		ug/L	U	0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether		ug/L	U	0.470	10.0	1
100-01-6	4-Nitroaniline		ug/L	U	3.53	10.0	1
100-02-7	4-Nitrophenol		ug/L	U	0.810	10.0	1
83-32-9	Acenaphthene		ug/L	U	0.180	10.0	1
208-96-8	Acenaphthylene		ug/L	U	0.120	10.0	1
120-12-7	Anthracene		ug/L	U	0.220	10.0	1
56-55-3	Benzo(a)anthracene		ug/L	U	0.090	10.0	1
50-32-8	Benzo(a)pyrene		ug/L	U	0.120	10.0	1
205-99-2	Benzo(b)fluoranthene		ug/L	U	0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene		ug/L	U	0.440	10.0	1
207-08-9	Benzo(k)fluoranthene		ug/L	U	0.860	10.0	1
65-85-0	Benzoic acid		ug/L	U	2.35	10.0	1
100-51-6	Benzyl alcohol		ug/L	U	0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane		ug/L	U	0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether		ug/L	U	0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether		ug/L	U	0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate		ug/L	U	0.590	10.0	1
85-68-7	Butyl benzyl phthalate		ug/L	U	0.410	10.0	1
86-74-8	Carbazole		ug/L	U	0.340	10.0	1
218-01-9	Chrysene		ug/L	U	0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene		ug/L	U	2.26	10.0	1
132-64-9	Dibenzofuran		ug/L	U	0.170	10.0	1
84-66-2	Diethyl phthalate		ug/L	U	0.410	10.0	1
131-11-3	Dimethyl phthalate		ug/L	U	0.310	10.0	1
84-74-2	Di-n-butyl phthalate		ug/L	U	0.220	10.0	1
117-84-0	Di-n-octyl phthalate		ug/L	U	1.88	10.0	1
122-39-4	Diphenylamine		ug/L	U	0.630	10.0	1

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806190-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/19/08 16:06
Preparation:	EPA 3510C	Date Received:	
Batch:	P806190	Date Prepared:	06/11/08 12:02

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
206-44-0	Fluoranthene		ug/L	U	0.220	10.0	1
86-73-7	Fluorene		ug/L	U	0.420	10.0	1
118-74-1	Hexachlorobenzene		ug/L	U	0.130	10.0	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene		ug/L	U	0.320	10.0	1
67-72-1	Hexachloroethane		ug/L	U	0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene		ug/L	U	1.56	10.0	1
78-59-1	Isophorone		ug/L	U	0.120	10.0	1
91-20-3	Naphthalene		ug/L	U	0.240	10.0	1
98-95-3	Nitrobenzene		ug/L	U	0.330	10.0	1
62-75-9	N-Nitrosodimethylamine		ug/L	U	0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine		ug/L	U	0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine		ug/L	U	0.140	10.0	1
87-86-5	Pentachlorophenol		ug/L	U	0.300	10.0	1
85-01-8	Phenanthrene		ug/L	U	0.240	10.0	1
108-95-2	Phenol		ug/L	U	0.120	10.0	1
129-00-0	Pyrene		ug/L	U	0.400	10.0	1
34MP	3 & 4 Methylphenol		ug/L	U	4.00	20.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806190-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/19/08 16:31
Preparation:	EPA 3510C	Date Received:	
Batch:	P806190	Date Prepared:	06/11/08 12:02

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene	36.5	ug/L		0.250	10.0	1
95-50-1	1,2-Dichlorobenzene	34.8	ug/L		0.230	10.0	1
541-73-1	1,3-Dichlorobenzene	33.8	ug/L		0.360	10.0	1
106-46-7	1,4-Dichlorobenzene	34.4	ug/L		0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol	40.7	ug/L		0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol	39.5	ug/L		0.670	10.0	1
120-83-2	2,4-Dichlorophenol	38.6	ug/L		0.360	10.0	1
105-67-9	2,4-Dimethylphenol	38.9	ug/L		0.230	10.0	1
51-28-5	2,4-Dinitrophenol	13.0	ug/L		1.59	10.0	1
121-14-2	2,4-Dinitrotoluene	41.1	ug/L		0.350	10.0	1
606-20-2	2,6-Dinitrotoluene	41.8	ug/L		0.240	10.0	1
91-58-7	2-Chloronaphthalene	39.4	ug/L		0.160	10.0	1
95-57-8	2-Chlorophenol	37.4	ug/L		0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol	37.9	ug/L		0.950	10.0	1
91-57-6	2-Methylnaphthalene	40.0	ug/L		2.62	10.0	1
95-48-7	2-Methylphenol	33.8	ug/L		0.310	10.0	1
88-74-4	2-Nitroaniline	40.8	ug/L		0.430	10.0	1
88-75-5	2-Nitrophenol	38.6	ug/L		0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine	43.1	ug/L		1.46	10.0	1
99-09-2	3-Nitroaniline	48.3	ug/L		0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether	41.5	ug/L		0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol	39.0	ug/L		0.250	10.0	1
106-47-8	4-Chloroaniline	24.3	ug/L		0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether	42.0	ug/L		0.470	10.0	1
100-01-6	4-Nitroaniline	39.1	ug/L		3.53	10.0	1
100-02-7	4-Nitrophenol	18.2	ug/L		0.810	10.0	1
83-32-9	Acenaphthene	42.1	ug/L		0.180	10.0	1
208-96-8	Acenaphthylene	41.5	ug/L		0.120	10.0	1
120-12-7	Anthracene	44.6	ug/L		0.220	10.0	1
56-55-3	Benzo(a)anthracene	44.5	ug/L		0.090	10.0	1
50-32-8	Benzo(a)pyrene	43.0	ug/L		0.120	10.0	1
205-99-2	Benzo(b)fluoranthene	42.3	ug/L		0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene	40.9	ug/L		0.440	10.0	1
207-08-9	Benzo(k)fluoranthene	44.5	ug/L		0.860	10.0	1
65-85-0	Benzoic acid	8.31	ug/L	J	2.35	10.0	1
100-51-6	Benzyl alcohol	37.7	ug/L		0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane	42.1	ug/L		0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether	38.5	ug/L		0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether	42.9	ug/L		0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate	44.4	ug/L		0.590	10.0	1
85-68-7	Butyl benzyl phthalate	43.9	ug/L		0.410	10.0	1
86-74-8	Carbazole	45.9	ug/L		0.340	10.0	1
218-01-9	Chrysene	44.6	ug/L		0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene	41.0	ug/L		2.26	10.0	1
132-64-9	Dibenzofuran	42.8	ug/L		0.170	10.0	1
84-66-2	Diethyl phthalate	43.9	ug/L		0.410	10.0	1
131-11-3	Dimethyl phthalate	41.4	ug/L		0.310	10.0	1
84-74-2	Di-n-butyl phthalate	46.4	ug/L		0.220	10.0	1
117-84-0	Di-n-octyl phthalate	45.1	ug/L		1.88	10.0	1
122-39-4	Diphenylamine	43.5	ug/L		0.630	10.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806190-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/19/08 16:31
Preparation:	EPA 3510C	Date Received:	
Batch:	P806190	Date Prepared:	06/11/08 12:02

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
206-44-0	Fluoranthene	44.3	ug/L		0.220	10.0	1
86-73-7	Fluorene	43.7	ug/L		0.420	10.0	1
118-74-1	Hexachlorobenzene	40.7	ug/L		0.130	10.0	1
87-68-3	Hexachlorobutadiene	33.2	ug/L		0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene	21.8	ug/L		0.320	10.0	1
67-72-1	Hexachloroethane	33.4	ug/L		0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene	40.9	ug/L		1.56	10.0	1
78-59-1	Isophorone	44.5	ug/L		0.120	10.0	1
91-20-3	Naphthalene	41.0	ug/L		0.240	10.0	1
98-95-3	Nitrobenzene	41.6	ug/L		0.330	10.0	1
62-75-9	N-Nitrosodimethylamine	31.7	ug/L		0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine	40.1	ug/L		0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine	43.2	ug/L		0.140	10.0	1
87-86-5	Pentachlorophenol	40.0	ug/L		0.300	10.0	1
85-01-8	Phenanthrene	44.3	ug/L		0.240	10.0	1
108-95-2	Phenol	19.0	ug/L		0.120	10.0	1
129-00-0	Pyrene	46.3	ug/L		0.400	10.0	1
34MP	3 & 4 Methylphenol	66.2	ug/L		4.00	20.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806190-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/19/08 16:56
Preparation:	EPA 3510C	Date Received:	
Batch:	P806190	Date Prepared:	06/11/08 12:02

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene	28.2	ug/L		0.250	10.0	1
95-50-1	1,2-Dichlorobenzene	28.7	ug/L		0.230	10.0	1
541-73-1	1,3-Dichlorobenzene	27.8	ug/L		0.360	10.0	1
106-46-7	1,4-Dichlorobenzene	29.3	ug/L		0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol	37.3	ug/L		0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol	36.0	ug/L		0.670	10.0	1
120-83-2	2,4-Dichlorophenol	36.4	ug/L		0.360	10.0	1
105-67-9	2,4-Dimethylphenol	36.7	ug/L		0.230	10.0	1
51-28-5	2,4-Dinitrophenol	36.1	ug/L		1.59	10.0	1
121-14-2	2,4-Dinitrotoluene	37.3	ug/L		0.350	10.0	1
606-20-2	2,6-Dinitrotoluene	37.0	ug/L		0.240	10.0	1
91-58-7	2-Chloronaphthalene	33.4	ug/L		0.160	10.0	1
95-57-8	2-Chlorophenol	35.7	ug/L		0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol	37.9	ug/L		0.950	10.0	1
91-57-6	2-Methylnaphthalene	33.2	ug/L		2.62	10.0	1
95-48-7	2-Methylphenol	32.9	ug/L		0.310	10.0	1
88-74-4	2-Nitroaniline	37.7	ug/L		0.430	10.0	1
88-75-5	2-Nitrophenol	37.5	ug/L		0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine	36.6	ug/L		1.46	10.0	1
99-09-2	3-Nitroaniline	41.9	ug/L		0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether	38.1	ug/L		0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol	36.0	ug/L		0.250	10.0	1
106-47-8	4-Chloroaniline	22.2	ug/L		0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether	36.9	ug/L		0.470	10.0	1
100-01-6	4-Nitroaniline	34.4	ug/L		3.53	10.0	1
100-02-7	4-Nitrophenol	18.8	ug/L		0.810	10.0	1
83-32-9	Acenaphthene	36.7	ug/L		0.180	10.0	1
208-96-8	Acenaphthylene	36.9	ug/L		0.120	10.0	1
120-12-7	Anthracene	41.3	ug/L		0.220	10.0	1
56-55-3	Benzo(a)anthracene	40.4	ug/L		0.090	10.0	1
50-32-8	Benzo(a)pyrene	39.5	ug/L		0.120	10.0	1
205-99-2	Benzo(b)fluoranthene	38.6	ug/L		0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene	38.5	ug/L		0.440	10.0	1
207-08-9	Benzo(k)fluoranthene	40.3	ug/L		0.860	10.0	1
65-85-0	Benzoic acid	19.3	ug/L		2.35	10.0	1
100-51-6	Benzyl alcohol	36.8	ug/L		0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane	39.2	ug/L		0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether	38.2	ug/L		0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether	40.1	ug/L		0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate	38.7	ug/L		0.590	10.0	1
85-68-7	Butyl benzyl phthalate	39.7	ug/L		0.410	10.0	1
86-74-8	Carbazole	39.9	ug/L		0.340	10.0	1
218-01-9	Chrysene	40.7	ug/L		0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene	37.7	ug/L		2.26	10.0	1
132-64-9	Dibenzofuran	38.4	ug/L		0.170	10.0	1
84-66-2	Diethyl phthalate	39.6	ug/L		0.410	10.0	1
131-11-3	Dimethyl phthalate	36.1	ug/L		0.310	10.0	1
84-74-2	Di-n-butyl phthalate	41.6	ug/L		0.220	10.0	1
117-84-0	Di-n-octyl phthalate	39.6	ug/L		1.88	10.0	1
122-39-4	Diphenylamine	39.0	ug/L		0.630	10.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806190-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/19/08 16:56
Preparation:	EPA 3510C	Date Received:	
Batch:	P806190	Date Prepared:	06/11/08 12:02

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
206-44-0	Fluoranthene	41.3	ug/L		0.220	10.0	1
86-73-7	Fluorene	38.7	ug/L		0.420	10.0	1
118-74-1	Hexachlorobenzene	38.2	ug/L		0.130	10.0	1
87-68-3	Hexachlorobutadiene	26.0	ug/L		0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene	15.5	ug/L		0.320	10.0	1
67-72-1	Hexachloroethane	26.3	ug/L		0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene	39.0	ug/L		1.56	10.0	1
78-59-1	Isophorone	41.7	ug/L		0.120	10.0	1
91-20-3	Naphthalene	35.3	ug/L		0.240	10.0	1
98-95-3	Nitrobenzene	39.8	ug/L		0.330	10.0	1
62-75-9	N-Nitrosodimethylamine	31.2	ug/L		0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine	38.6	ug/L		0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine	40.0	ug/L		0.140	10.0	1
87-86-5	Pentachlorophenol	37.8	ug/L		0.300	10.0	1
85-01-8	Phenanthrene	40.6	ug/L		0.240	10.0	1
108-95-2	Phenol	19.1	ug/L		0.120	10.0	1
129-00-0	Pyrene	41.5	ug/L		0.400	10.0	1
34MP	3 & 4 Methylphenol	63.7	ug/L		4.00	20.0	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806190

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806190-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
1,2,4-Trichlorobenzene	50.0	36.5	73.0		35	105
1,2-Dichlorobenzene	50.0	34.8	69.7		35	100
1,3-Dichlorobenzene	50.0	33.8	67.6		30	100
1,4-Dichlorobenzene	50.0	34.4	68.9		30	100
2,4,5-Trichlorophenol	50.0	40.7	81.4		50	110
2,4,6-Trichlorophenol	50.0	39.5	78.9		50	115
2,4-Dichlorophenol	50.0	38.6	77.3		50	105
2,4-Dimethylphenol	50.0	38.9	77.8		30	110
2,4-Dinitrophenol	50.0	13.0	26.1		15	140
2,4-Dinitrotoluene	50.0	41.1	82.3		50	120
2,6-Dinitrotoluene	50.0	41.8	83.5		50	115
2-Chloronaphthalene	50.0	39.4	78.8		50	105
2-Chlorophenol	50.0	37.4	74.8		35	105
2-Methyl-4,6-dinitrophenol	50.0	37.9	75.8		45	135
2-Methylnaphthalene	50.0	40.0	80.1		45	105
2-Methylphenol	50.0	33.8	67.5		40	110
2-Nitroaniline	50.0	40.8	81.7		50	115
2-Nitrophenol	50.0	38.6	77.3		40	115
3,3'-Dichlorobenzidine	50.0	43.1	86.1		20	110
3-Nitroaniline	50.0	48.3	96.7		20	125
4-Bromophenyl phenyl ether	50.0	41.5	83.1		50	115
4-Chloro-3-methylphenol	50.0	39.0	78.0		45	110
4-Chloroaniline	50.0	24.3	48.6		15	110
4-Chlorophenyl phenyl ether	50.0	42.0	84.1		50	110
4-Nitroaniline	50.0	39.1	78.2		35	120
4-Nitrophenol	50.0	18.2	36.3	ME	45	135
Acenaphthene	50.0	42.1	84.2		45	110
Acenaphthylene	50.0	41.5	83.0		50	105
Anthracene	50.0	44.6	89.2		55	110
Benzo(a)anthracene	50.0	44.5	89.0		55	110
Benzo(a)pyrene	50.0	43.0	86.0		55	110
Benzo(b)fluoranthene	50.0	42.3	84.5		45	120
Benzo (g,h,i) perylene	50.0	40.9	81.7		40	125
Benzo(k)fluoranthene	50.0	44.5	89.1		45	125
Benzoic acid	50.0	8.31	16.6	ME	20	145
Benzyl alcohol	50.0	37.7	75.3		45	135
Bis(2-chloroethoxy)methane	50.0	42.1	84.2		45	105
Bis(2-chloroethyl)ether	50.0	38.5	77.0		35	110
Bis(2-chloroisopropyl) ether	50.0	42.9	85.7		25	130
Bis(2-ethylhexyl) phthalate	50.0	44.4	88.7		40	125
Butyl benzyl phthalate	50.0	43.9	87.9		45	115
Carbazole	50.0	45.9	91.8		50	115
Chrysene	50.0	44.6	89.1		55	110
Dibenz(a,h)anthracene	50.0	41.0	82.0		40	125
Dibenzofuran	50.0	42.8	85.5		55	105
Diethyl phthalate	50.0	43.9	87.8		40	120
Dimethyl phthalate	50.0	41.4	82.8		25	125
Di-n-butyl phthalate	50.0	46.4	92.7		55	115
Di-n-octyl phthalate	50.0	45.1	90.1		35	135
Diphenylamine	50.0	43.5	86.9		45	135
Fluoranthene	50.0	44.3	88.7		55	115
Fluorene	50.0	43.7	87.3		50	110
Hexachlorobenzene	50.0	40.7	81.4		50	110
Hexachlorobutadiene	50.0	33.2	66.3		25	105

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806190

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806190-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Hexachlorocyclopentadiene	50.0	21.8	43.6		30	145
Hexachloroethane	50.0	33.4	66.7		30	95
Indeno (1,2,3-cd) pyrene	50.0	40.9	81.7		45	125
Isophorone	50.0	44.5	89.1		50	110
Naphthalene	50.0	41.0	81.9		40	100
Nitrobenzene	50.0	41.6	83.1		45	110
N-Nitrosodimethylamine	50.0	31.7	63.4		20	115
N-Nitrosodi-n-propylamine	50.0	40.1	80.3		35	130
N-Nitrosodiphenylamine	50.0	43.2	86.5		50	110
Pentachlorophenol	50.0	40.0	80.1		40	115
Phenanthrene	50.0	44.3	88.5		50	115
Phenol	50.0	19.0	37.9	ME	45	135
Pyrene	50.0	46.3	92.6		50	130
3 & 4 Methylphenol	100	66.2	66.2		30	110

Actual Number of Marginal Exceedences: 3

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806190

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806190-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
1,2,4-Trichlorobenzene	50.0	28.2	56.4		35	105	25.6
1,2-Dichlorobenzene	50.0	28.7	57.3		35	100	19.5
1,3-Dichlorobenzene	50.0	27.8	55.5		30	100	19.7
1,4-Dichlorobenzene	50.0	29.3	58.6		30	100	16.2
2,4,5-Trichlorophenol	50.0	37.3	74.7		50	110	8.64
2,4,6-Trichlorophenol	50.0	36.0	72.0		50	115	9.11
2,4-Dichlorophenol	50.0	36.4	72.8		50	105	5.92
2,4-Dimethylphenol	50.0	36.7	73.3		30	110	5.90
2,4-Dinitrophenol	50.0	36.1	72.2		15	140	93.8
2,4-Dinitrotoluene	50.0	37.3	74.6		50	120	9.84
2,6-Dinitrotoluene	50.0	37.0	74.0		50	115	12.1
2-Chloronaphthalene	50.0	33.4	66.8		50	105	16.5
2-Chlorophenol	50.0	35.7	71.4		35	105	4.60
2-Methyl-4,6-dinitrophenol	50.0	37.9	75.8		45	135	0.00
2-Methylnaphthalene	50.0	33.2	66.3		45	105	18.7
2-Methylphenol	50.0	32.9	65.9		40	110	2.49
2-Nitroaniline	50.0	37.7	75.5		50	115	7.87
2-Nitrophenol	50.0	37.5	75.0		40	115	3.02
3,3'-Dichlorobenzidine	50.0	36.6	73.2		20	110	16.3
3-Nitroaniline	50.0	41.9	83.8		20	125	14.3
4-Bromophenyl phenyl ether	50.0	38.1	76.3		50	115	8.53
4-Chloro-3-methylphenol	50.0	36.0	72.0		45	110	7.92
4-Chloroaniline	50.0	22.2	44.5		15	110	8.89
4-Chlorophenyl phenyl ether	50.0	36.9	73.8		50	110	13.0
4-Nitroaniline	50.0	34.4	68.7		35	120	12.9
4-Nitrophenol	50.0	18.8	37.6	ME	45	135	3.52
Acenaphthene	50.0	36.7	73.4		45	110	13.8
Acenaphthylene	50.0	36.9	73.9		50	105	11.6
Anthracene	50.0	41.3	82.7		55	110	7.63
Benzo(a)anthracene	50.0	40.4	80.9		55	110	9.58
Benzo(a)pyrene	50.0	39.5	79.0		55	110	8.44
Benzo(b)fluoranthene	50.0	38.6	77.1		45	120	9.13
Benzo (g,h,i) perylene	50.0	38.5	77.0		40	125	5.95
Benzo(k)fluoranthene	50.0	40.3	80.6		45	125	10.0
Benzoic acid	50.0	19.3	38.6		20	145	79.7
Benzyl alcohol	50.0	36.8	73.5		45	135	2.45
Bis(2-chloroethoxy)methane	50.0	39.2	78.5		45	105	7.01
Bis(2-chloroethyl)ether	50.0	38.2	76.4		35	110	0.782
Bis(2-chloroisopropyl) ether	50.0	40.1	80.2		25	130	6.65
Bis(2-ethylhexyl) phthalate	50.0	38.7	77.4		40	125	13.6
Butyl benzyl phthalate	50.0	39.7	79.3		45	115	10.2
Carbazole	50.0	39.9	79.8		50	115	14.0
Chrysene	50.0	40.7	81.4		55	110	9.08
Dibenz(a,h)anthracene	50.0	37.7	75.5		40	125	8.23
Dibenzofuran	50.0	38.4	76.8		55	105	10.8
Diethyl phthalate	50.0	39.6	79.1		40	120	10.4
Dimethyl phthalate	50.0	36.1	72.2		25	125	13.7
Di-n-butyl phthalate	50.0	41.6	83.1		55	115	10.9
Di-n-octyl phthalate	50.0	39.6	79.1		35	135	13.0
Diphenylamine	50.0	39.0	78.0		45	135	10.8
Fluoranthene	50.0	41.3	82.5		55	115	7.20
Fluorene	50.0	38.7	77.5		50	110	12.0
Hexachlorobenzene	50.0	38.2	76.3		50	110	6.49
Hexachlorobutadiene	50.0	26.0	52.1		25	105	24.1

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806190

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806190-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Hexachlorocyclopentadiene	50.0	15.5	31.0		30	145	33.8
Hexachloroethane	50.0	26.3	52.7		30	95	23.6
Indeno (1,2,3-cd) pyrene	50.0	39.0	78.0		45	125	4.63
Isophorone	50.0	41.7	83.4		50	110	6.52
Naphthalene	50.0	35.3	70.7		40	100	14.7
Nitrobenzene	50.0	39.8	79.6		45	110	4.30
N-Nitrosodimethylamine	50.0	31.2	62.3		20	115	1.69
N-Nitrosodi-n-propylamine	50.0	38.6	77.2		35	130	3.91
N-Nitrosodiphenylamine	50.0	40.0	79.9		50	110	7.86
Pentachlorophenol	50.0	37.8	75.5		40	115	5.86
Phenanthrene	50.0	40.6	81.3		50	115	8.50
Phenol	50.0	19.1	38.2	ME	45	135	0.788
Pyrene	50.0	41.5	83.0		50	130	10.9
3 & 4 Methylphenol	100	63.7	63.7		30	110	3.88

Actual Number of Marginal Exceedences: 2

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806029

(Sample Delivery Group, SDG)

8270C

(Parameter)

P806321

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc.
QC Batch: P806321
Fraction: GC Extractables
Method: 8270C

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/24/08	6/22/08	0806029-04RE1		SAMPLE RE-ANALYSIS	0806029
6/24/08	6/22/08	P806321-BLK1		Method Blank	0806029
7/1/08	6/22/08	P806321-BS1		LCS	0806029
6/24/08	6/22/08	P806321-BSD1		LCS Dup	0806029

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806321

SLMW-DUP-5-08 (0806029-04RE1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	57.8	40	125	
2-Fluorobiphenyl	56.9	40	140	
2-Fluorophenol	34.1	20	110	
Nitrobenzene-d5	62.3	40	110	
Phenol-d5	24.9	10	115	
Terphenyl-d14	54.9	50	135	

Blank (P806321-BLK1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	52.4	40	125	
2-Fluorobiphenyl	53.5	40	140	
2-Fluorophenol	34.0	20	110	
Nitrobenzene-d5	58.8	40	110	
Phenol-d5	23.8	10	115	
Terphenyl-d14	59.1	50	135	

LCS (P806321-BS1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	61.4	40	125	
2-Fluorobiphenyl	60.7	40	140	
2-Fluorophenol	45.9	20	110	
Nitrobenzene-d5	65.9	40	110	
Phenol-d5	36.0	10	115	
Terphenyl-d14	58.1	50	135	

LCS Dup (P806321-BSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	59.6	40	125	
2-Fluorobiphenyl	63.1	40	140	
2-Fluorophenol	41.9	20	110	
Nitrobenzene-d5	66.2	40	110	
Phenol-d5	31.1	10	115	
Terphenyl-d14	61.0	50	135	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806321-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/24/08 15:16
Preparation:	EPA 3510C	Date Received:	
Batch:	P806321	Date Prepared:	06/22/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.250	10.0	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.230	10.0	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.360	10.0	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol		ug/L	U	0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol		ug/L	U	0.670	10.0	1
120-83-2	2,4-Dichlorophenol		ug/L	U	0.360	10.0	1
105-67-9	2,4-Dimethylphenol		ug/L	U	0.230	10.0	1
51-28-5	2,4-Dinitrophenol		ug/L	Q2, U	1.59	10.0	1
121-14-2	2,4-Dinitrotoluene		ug/L	U	0.350	10.0	1
606-20-2	2,6-Dinitrotoluene		ug/L	U	0.240	10.0	1
91-58-7	2-Chloronaphthalene		ug/L	U	0.160	10.0	1
95-57-8	2-Chlorophenol		ug/L	U	0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol		ug/L	U	0.950	10.0	1
91-57-6	2-Methylnaphthalene		ug/L	U	2.62	10.0	1
95-48-7	2-Methylphenol		ug/L	U	0.310	10.0	1
88-74-4	2-Nitroaniline		ug/L	U	0.430	10.0	1
88-75-5	2-Nitrophenol		ug/L	U	0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine		ug/L	U	1.46	10.0	1
99-09-2	3-Nitroaniline		ug/L	U	0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether		ug/L	U	0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol		ug/L	U	0.250	10.0	1
106-47-8	4-Chloroaniline		ug/L	U	0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether		ug/L	U	0.470	10.0	1
100-01-6	4-Nitroaniline		ug/L	U	3.53	10.0	1
100-02-7	4-Nitrophenol		ug/L	U	0.810	10.0	1
83-32-9	Acenaphthene		ug/L	U	0.180	10.0	1
208-96-8	Acenaphthylene		ug/L	U	0.120	10.0	1
120-12-7	Anthracene		ug/L	U	0.220	10.0	1
56-55-3	Benzo(a)anthracene		ug/L	U	0.090	10.0	1
50-32-8	Benzo(a)pyrene		ug/L	U	0.120	10.0	1
205-99-2	Benzo(b)fluoranthene		ug/L	U	0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene		ug/L	U	0.440	10.0	1
207-08-9	Benzo(k)fluoranthene		ug/L	U	0.860	10.0	1
65-85-0	Benzoic acid		ug/L	U	2.35	10.0	1
100-51-6	Benzyl alcohol		ug/L	U	0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane		ug/L	U	0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether		ug/L	U	0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether		ug/L	U	0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate		ug/L	U	0.590	10.0	1
85-68-7	Butyl benzyl phthalate		ug/L	U	0.410	10.0	1
86-74-8	Carbazole		ug/L	U	0.340	10.0	1
218-01-9	Chrysene		ug/L	U	0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene		ug/L	U	2.26	10.0	1
132-64-9	Dibenzofuran		ug/L	U	0.170	10.0	1
84-66-2	Diethyl phthalate		ug/L	U	0.410	10.0	1
131-11-3	Dimethyl phthalate		ug/L	U	0.310	10.0	1
84-74-2	Di-n-butyl phthalate		ug/L	U	0.220	10.0	1
117-84-0	Di-n-octyl phthalate		ug/L	U	1.88	10.0	1
122-39-4	Diphenylamine		ug/L	U	0.630	10.0	1

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806321-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/24/08 15:16
Preparation:	EPA 3510C	Date Received:	
Batch:	P806321	Date Prepared:	06/22/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
206-44-0	Fluoranthene		ug/L	U	0.220	10.0	1
86-73-7	Fluorene		ug/L	U	0.420	10.0	1
118-74-1	Hexachlorobenzene		ug/L	U	0.130	10.0	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene		ug/L	U	0.320	10.0	1
67-72-1	Hexachloroethane		ug/L	U	0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene		ug/L	U	1.56	10.0	1
78-59-1	Isophorone		ug/L	U	0.120	10.0	1
91-20-3	Naphthalene		ug/L	U	0.240	10.0	1
98-95-3	Nitrobenzene		ug/L	U	0.330	10.0	1
62-75-9	N-Nitrosodimethylamine		ug/L	Q1, U	0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine		ug/L	U	0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine		ug/L	U	0.140	10.0	1
87-86-5	Pentachlorophenol		ug/L	U	0.300	10.0	1
85-01-8	Phenanthrene		ug/L	U	0.240	10.0	1
108-95-2	Phenol		ug/L	U	0.120	10.0	1
129-00-0	Pyrene		ug/L	U	0.400	10.0	1
34MP	3 & 4 Methylphenol		ug/L	U	4.00	20.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806321-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	07/01/08 12:44
Preparation:	EPA 3510C	Date Received:	
Batch:	P806321	Date Prepared:	06/22/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene	21.0	ug/L		0.250	10.0	1
95-50-1	1,2-Dichlorobenzene	22.8	ug/L		0.230	10.0	1
541-73-1	1,3-Dichlorobenzene	21.7	ug/L		0.360	10.0	1
106-46-7	1,4-Dichlorobenzene	22.0	ug/L		0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol	29.9	ug/L		0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol	29.5	ug/L		0.670	10.0	1
120-83-2	2,4-Dichlorophenol	29.9	ug/L		0.360	10.0	1
105-67-9	2,4-Dimethylphenol	29.8	ug/L		0.230	10.0	1
51-28-5	2,4-Dinitrophenol	29.8	ug/L		1.59	10.0	1
121-14-2	2,4-Dinitrotoluene	34.0	ug/L		0.350	10.0	1
606-20-2	2,6-Dinitrotoluene	32.9	ug/L		0.240	10.0	1
91-58-7	2-Chloronaphthalene	24.5	ug/L		0.160	10.0	1
95-57-8	2-Chlorophenol	30.9	ug/L		0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol	32.3	ug/L		0.950	10.0	1
91-57-6	2-Methylnaphthalene	24.3	ug/L		2.62	10.0	1
95-48-7	2-Methylphenol	28.5	ug/L		0.310	10.0	1
88-74-4	2-Nitroaniline	33.9	ug/L		0.430	10.0	1
88-75-5	2-Nitrophenol	30.1	ug/L		0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine	26.3	ug/L		1.46	10.0	1
99-09-2	3-Nitroaniline	35.0	ug/L		0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether	29.9	ug/L		0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol	30.6	ug/L		0.250	10.0	1
106-47-8	4-Chloroaniline	25.0	ug/L		0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether	29.6	ug/L		0.470	10.0	1
100-01-6	4-Nitroaniline	31.9	ug/L		3.53	10.0	1
100-02-7	4-Nitrophenol	18.2	ug/L		0.810	10.0	1
83-32-9	Acenaphthene	28.0	ug/L		0.180	10.0	1
208-96-8	Acenaphthylene	33.4	ug/L		0.120	10.0	1
120-12-7	Anthracene	35.5	ug/L		0.220	10.0	1
56-55-3	Benzo(a)anthracene	34.9	ug/L		0.090	10.0	1
50-32-8	Benzo(a)pyrene	34.9	ug/L		0.120	10.0	1
205-99-2	Benzo(b)fluoranthene	33.1	ug/L		0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene	34.3	ug/L		0.440	10.0	1
207-08-9	Benzo(k)fluoranthene	37.4	ug/L		0.860	10.0	1
65-85-0	Benzoic acid	11.7	ug/L		2.35	10.0	1
100-51-6	Benzyl alcohol	30.3	ug/L		0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane	33.9	ug/L		0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether	33.2	ug/L		0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether	33.9	ug/L		0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate	33.9	ug/L		0.590	10.0	1
85-68-7	Butyl benzyl phthalate	33.4	ug/L		0.410	10.0	1
86-74-8	Carbazole	33.8	ug/L		0.340	10.0	1
218-01-9	Chrysene	35.6	ug/L		0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene	33.5	ug/L		2.26	10.0	1
132-64-9	Dibenzofuran	30.1	ug/L		0.170	10.0	1
84-66-2	Diethyl phthalate	34.6	ug/L		0.410	10.0	1
131-11-3	Dimethyl phthalate	34.4	ug/L		0.310	10.0	1
84-74-2	Di-n-butyl phthalate	36.6	ug/L		0.220	10.0	1
117-84-0	Di-n-octyl phthalate	34.8	ug/L		1.88	10.0	1
122-39-4	Diphenylamine	34.2	ug/L		0.630	10.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806321-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	07/01/08 12:44
Preparation:	EPA 3510C	Date Received:	
Batch:	P806321	Date Prepared:	06/22/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
206-44-0	Fluoranthene	37.6	ug/L		0.220	10.0	1
86-73-7	Fluorene	32.0	ug/L		0.420	10.0	1
118-74-1	Hexachlorobenzene	30.8	ug/L		0.130	10.0	1
87-68-3	Hexachlorobutadiene	18.3	ug/L		0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene	18.0	ug/L		0.320	10.0	1
67-72-1	Hexachloroethane	19.4	ug/L		0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene	34.8	ug/L		1.56	10.0	1
78-59-1	Isophorone	38.6	ug/L		0.120	10.0	1
91-20-3	Naphthalene	26.5	ug/L		0.240	10.0	1
98-95-3	Nitrobenzene	32.3	ug/L		0.330	10.0	1
62-75-9	N-Nitrosodimethylamine	21.8	ug/L		0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine	35.8	ug/L		0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine	33.8	ug/L		0.140	10.0	1
87-86-5	Pentachlorophenol	31.5	ug/L		0.300	10.0	1
85-01-8	Phenanthrene	33.8	ug/L		0.240	10.0	1
108-95-2	Phenol	17.5	ug/L		0.120	10.0	1
129-00-0	Pyrene	35.1	ug/L		0.400	10.0	1
34MP	3 & 4 Methylphenol	57.0	ug/L		4.00	20.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806321-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/24/08 16:11
Preparation:	EPA 3510C	Date Received:	
Batch:	P806321	Date Prepared:	06/22/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene	21.3	ug/L		0.250	10.0	1
95-50-1	1,2-Dichlorobenzene	22.0	ug/L		0.230	10.0	1
541-73-1	1,3-Dichlorobenzene	20.9	ug/L		0.360	10.0	1
106-46-7	1,4-Dichlorobenzene	21.8	ug/L		0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol	30.5	ug/L		0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol	29.1	ug/L		0.670	10.0	1
120-83-2	2,4-Dichlorophenol	29.4	ug/L		0.360	10.0	1
105-67-9	2,4-Dimethylphenol	29.5	ug/L		0.230	10.0	1
51-28-5	2,4-Dinitrophenol	27.6	ug/L	Q2	1.59	10.0	1
121-14-2	2,4-Dinitrotoluene	31.6	ug/L		0.350	10.0	1
606-20-2	2,6-Dinitrotoluene	31.9	ug/L		0.240	10.0	1
91-58-7	2-Chloronaphthalene	24.5	ug/L		0.160	10.0	1
95-57-8	2-Chlorophenol	27.2	ug/L		0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol	30.6	ug/L		0.950	10.0	1
91-57-6	2-Methylnaphthalene	24.7	ug/L		2.62	10.0	1
95-48-7	2-Methylphenol	24.2	ug/L		0.310	10.0	1
88-74-4	2-Nitroaniline	32.0	ug/L		0.430	10.0	1
88-75-5	2-Nitrophenol	30.3	ug/L		0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine	33.5	ug/L		1.46	10.0	1
99-09-2	3-Nitroaniline	38.4	ug/L		0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether	32.4	ug/L		0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol	28.5	ug/L		0.250	10.0	1
106-47-8	4-Chloroaniline	32.6	ug/L		0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether	30.1	ug/L		0.470	10.0	1
100-01-6	4-Nitroaniline	32.0	ug/L		3.53	10.0	1
100-02-7	4-Nitrophenol	14.3	ug/L		0.810	10.0	1
83-32-9	Acenaphthene	28.2	ug/L		0.180	10.0	1
208-96-8	Acenaphthylene	33.4	ug/L		0.120	10.0	1
120-12-7	Anthracene	36.2	ug/L		0.220	10.0	1
56-55-3	Benzo(a)anthracene	35.5	ug/L		0.090	10.0	1
50-32-8	Benzo(a)pyrene	35.2	ug/L		0.120	10.0	1
205-99-2	Benzo(b)fluoranthene	32.5	ug/L		0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene	35.2	ug/L		0.440	10.0	1
207-08-9	Benzo(k)fluoranthene	38.2	ug/L		0.860	10.0	1
65-85-0	Benzoic acid	10.3	ug/L		2.35	10.0	1
100-51-6	Benzyl alcohol	27.4	ug/L		0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane	33.8	ug/L		0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether	31.1	ug/L		0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether	29.4	ug/L		0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate	33.9	ug/L		0.590	10.0	1
85-68-7	Butyl benzyl phthalate	33.7	ug/L		0.410	10.0	1
86-74-8	Carbazole	35.1	ug/L		0.340	10.0	1
218-01-9	Chrysene	36.4	ug/L		0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene	34.0	ug/L		2.26	10.0	1
132-64-9	Dibenzofuran	30.3	ug/L		0.170	10.0	1
84-66-2	Diethyl phthalate	34.0	ug/L		0.410	10.0	1
131-11-3	Dimethyl phthalate	34.3	ug/L		0.310	10.0	1
84-74-2	Di-n-butyl phthalate	36.9	ug/L		0.220	10.0	1
117-84-0	Di-n-octyl phthalate	34.6	ug/L		1.88	10.0	1
122-39-4	Diphenylamine	34.1	ug/L		0.630	10.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806321-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/24/08 16:11
Preparation:	EPA 3510C	Date Received:	
Batch:	P806321	Date Prepared:	06/22/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
206-44-0	Fluoranthene	36.6	ug/L		0.220	10.0	1
86-73-7	Fluorene	32.1	ug/L		0.420	10.0	1
118-74-1	Hexachlorobenzene	31.7	ug/L		0.130	10.0	1
87-68-3	Hexachlorobutadiene	19.4	ug/L		0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene	19.3	ug/L		0.320	10.0	1
67-72-1	Hexachloroethane	19.2	ug/L		0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene	36.5	ug/L		1.56	10.0	1
78-59-1	Isophorone	38.3	ug/L		0.120	10.0	1
91-20-3	Naphthalene	27.0	ug/L		0.240	10.0	1
98-95-3	Nitrobenzene	32.5	ug/L		0.330	10.0	1
62-75-9	N-Nitrosodimethylamine	25.9	ug/L	Q1	0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine	33.1	ug/L		0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine	34.5	ug/L		0.140	10.0	1
87-86-5	Pentachlorophenol	30.8	ug/L		0.300	10.0	1
85-01-8	Phenanthrene	33.9	ug/L		0.240	10.0	1
108-95-2	Phenol	15.0	ug/L		0.120	10.0	1
129-00-0	Pyrene	35.9	ug/L		0.400	10.0	1
34MP	3 & 4 Methylphenol	47.7	ug/L		4.00	20.0	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806321

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806321-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
1,2,4-Trichlorobenzene	50.0	21.0	42.1		35	105
1,2-Dichlorobenzene	50.0	22.8	45.7		35	100
1,3-Dichlorobenzene	50.0	21.7	43.5		30	100
1,4-Dichlorobenzene	50.0	22.0	44.0		30	100
2,4,5-Trichlorophenol	50.0	29.9	59.8		50	110
2,4,6-Trichlorophenol	50.0	29.5	59.0		50	115
2,4-Dichlorophenol	50.0	29.9	59.8		50	105
2,4-Dimethylphenol	50.0	29.8	59.6		30	110
2,4-Dinitrophenol	50.0	29.8	59.6		15	140
2,4-Dinitrotoluene	50.0	34.0	67.9		50	120
2,6-Dinitrotoluene	50.0	32.9	65.8		50	115
2-Chloronaphthalene	50.0	24.5	49.0	ME	50	105
2-Chlorophenol	50.0	30.9	61.7		35	105
2-Methyl-4,6-dinitrophenol	50.0	32.3	64.6		45	135
2-Methylnaphthalene	50.0	24.3	48.6		45	105
2-Methylphenol	50.0	28.5	57.0		40	110
2-Nitroaniline	50.0	33.9	67.8		50	115
2-Nitrophenol	50.0	30.1	60.2		40	115
3,3'-Dichlorobenzidine	50.0	26.3	52.6		20	110
3-Nitroaniline	50.0	35.0	70.0		20	125
4-Bromophenyl phenyl ether	50.0	29.9	59.8		50	115
4-Chloro-3-methylphenol	50.0	30.6	61.3		45	110
4-Chloroaniline	50.0	25.0	50.0		15	110
4-Chlorophenyl phenyl ether	50.0	29.6	59.3		50	110
4-Nitroaniline	50.0	31.9	63.9		35	120
4-Nitrophenol	50.0	18.2	36.5	ME	45	135
Acenaphthene	50.0	28.0	56.0		45	110
Acenaphthylene	50.0	33.4	66.8		50	105
Anthracene	50.0	35.5	71.0		55	110
Benzo(a)anthracene	50.0	34.9	69.8		55	110
Benzo(a)pyrene	50.0	34.9	69.8		55	110
Benzo(b)fluoranthene	50.0	33.1	66.1		45	120
Benzo (g,h,i) perylene	50.0	34.3	68.7		40	125
Benzo(k)fluoranthene	50.0	37.4	74.8		45	125
Benzoic acid	50.0	11.7	23.4		20	145
Benzyl alcohol	50.0	30.3	60.6		45	135
Bis(2-chloroethoxy)methane	50.0	33.9	67.9		45	105
Bis(2-chloroethyl)ether	50.0	33.2	66.5		35	110
Bis(2-chloroisopropyl) ether	50.0	33.9	67.8		25	130
Bis(2-ethylhexyl) phthalate	50.0	33.9	67.8		40	125
Butyl benzyl phthalate	50.0	33.4	66.8		45	115
Carbazole	50.0	33.8	67.7		50	115
Chrysene	50.0	35.6	71.2		55	110
Dibenz(a,h)anthracene	50.0	33.5	66.9		40	125
Dibenzofuran	50.0	30.1	60.3		55	105
Diethyl phthalate	50.0	34.6	69.2		40	120
Dimethyl phthalate	50.0	34.4	68.9		25	125
Di-n-butyl phthalate	50.0	36.6	73.2		55	115
Di-n-octyl phthalate	50.0	34.8	69.7		35	135
Diphenylamine	50.0	34.2	68.4		45	135
Fluoranthene	50.0	37.6	75.3		55	115
Fluorene	50.0	32.0	63.9		50	110
Hexachlorobenzene	50.0	30.8	61.5		50	110
Hexachlorobutadiene	50.0	18.3	36.6		25	105

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806321

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806321-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Hexachlorocyclopentadiene	50.0	18.0	36.1		30	145
Hexachloroethane	50.0	19.4	38.8		30	95
Indeno (1,2,3-cd) pyrene	50.0	34.8	69.7		45	125
Isophorone	50.0	38.6	77.3		50	110
Naphthalene	50.0	26.5	53.0		40	100
Nitrobenzene	50.0	32.3	64.6		45	110
N-Nitrosodimethylamine	50.0	21.8	43.6		20	115
N-Nitrosodi-n-propylamine	50.0	35.8	71.7		35	130
N-Nitrosodiphenylamine	50.0	33.8	67.6		50	110
Pentachlorophenol	50.0	31.5	63.0		40	115
Phenanthrene	50.0	33.8	67.6		50	115
Phenol	50.0	17.5	35.1	ME	45	135
Pyrene	50.0	35.1	70.2		50	130
3 & 4 Methylphenol	100	57.0	57.0		30	110

Actual Number of Marginal Exceedences: 3

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806321

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806321-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
1,2,4-Trichlorobenzene	50.0	21.3	42.5		35	105	1.04
1,2-Dichlorobenzene	50.0	22.0	43.9		35	100	3.93
1,3-Dichlorobenzene	50.0	20.9	41.9		30	100	3.75
1,4-Dichlorobenzene	50.0	21.8	43.7		30	100	0.775
2,4,5-Trichlorophenol	50.0	30.5	61.1		50	110	2.05
2,4,6-Trichlorophenol	50.0	29.1	58.2		50	115	1.40
2,4-Dichlorophenol	50.0	29.4	58.9		50	105	1.58
2,4-Dimethylphenol	50.0	29.5	59.0		30	110	1.11
2,4-Dinitrophenol	50.0	27.6	55.2		15	140	7.70
2,4-Dinitrotoluene	50.0	31.6	63.2		50	120	7.23
2,6-Dinitrotoluene	50.0	31.9	63.8		50	115	3.06
2-Chloronaphthalene	50.0	24.5	48.9	ME	50	105	0.163
2-Chlorophenol	50.0	27.2	54.4		35	105	12.6
2-Methyl-4,6-dinitrophenol	50.0	30.6	61.2		45	135	5.44
2-Methylnaphthalene	50.0	24.7	49.4		45	105	1.55
2-Methylphenol	50.0	24.2	48.5		40	110	16.0
2-Nitroaniline	50.0	32.0	64.1		50	115	5.67
2-Nitrophenol	50.0	30.3	60.6		40	115	0.762
3,3'-Dichlorobenzidine	50.0	33.5	67.0		20	110	24.2
3-Nitroaniline	50.0	38.4	76.8		20	125	9.29
4-Bromophenyl phenyl ether	50.0	32.4	64.7		50	115	7.90
4-Chloro-3-methylphenol	50.0	28.5	57.1		45	110	7.13
4-Chloroaniline	50.0	32.6	65.1		15	110	26.3
4-Chlorophenyl phenyl ether	50.0	30.1	60.1		50	110	1.47
4-Nitroaniline	50.0	32.0	64.1		35	120	0.281
4-Nitrophenol	50.0	14.3	28.6	ME	45	135	24.2
Acenaphthene	50.0	28.2	56.4		45	110	0.819
Acenaphthylene	50.0	33.4	66.8		50	105	0.0898
Anthracene	50.0	36.2	72.5		55	110	2.06
Benzo(a)anthracene	50.0	35.5	71.0		55	110	1.73
Benzo(a)pyrene	50.0	35.2	70.4		55	110	0.941
Benzo(b)fluoranthene	50.0	32.5	65.0		45	120	1.71
Benzo (g,h,i) perylene	50.0	35.2	70.4		40	125	2.53
Benzo(k)fluoranthene	50.0	38.2	76.3		45	125	2.06
Benzoic acid	50.0	10.3	20.6		20	145	12.6
Benzyl alcohol	50.0	27.4	54.7		45	135	10.3
Bis(2-chloroethoxy)methane	50.0	33.8	67.6		45	105	0.384
Bis(2-chloroethyl)ether	50.0	31.1	62.2		35	110	6.68
Bis(2-chloroisopropyl) ether	50.0	29.4	58.9		25	130	14.0
Bis(2-ethylhexyl) phthalate	50.0	33.9	67.7		40	125	0.118
Butyl benzyl phthalate	50.0	33.7	67.3		45	115	0.716
Carbazole	50.0	35.1	70.2		50	115	3.71
Chrysene	50.0	36.4	72.8		55	110	2.22
Dibenz(a,h)anthracene	50.0	34.0	68.0		40	125	1.57
Dibenzofuran	50.0	30.3	60.6		55	105	0.563
Diethyl phthalate	50.0	34.0	68.0		40	120	1.75
Dimethyl phthalate	50.0	34.3	68.6		25	125	0.466
Di-n-butyl phthalate	50.0	36.9	73.8		55	115	0.762
Di-n-octyl phthalate	50.0	34.6	69.2		35	135	0.720
Diphenylamine	50.0	34.1	68.2		45	135	0.322
Fluoranthene	50.0	36.6	73.3		55	115	2.72
Fluorene	50.0	32.1	64.2		50	110	0.500
Hexachlorobenzene	50.0	31.7	63.4		50	110	3.01
Hexachlorobutadiene	50.0	19.4	38.8		25	105	5.89

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806321

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806321-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Hexachlorocyclopentadiene	50.0	19.3	38.6		30	145	6.91
Hexachloroethane	50.0	19.2	38.5		30	95	0.828
Indeno (1,2,3-cd) pyrene	50.0	36.5	73.1		45	125	4.74
Isophorone	50.0	38.3	76.6		50	110	0.884
Naphthalene	50.0	27.0	53.9		40	100	1.65
Nitrobenzene	50.0	32.5	65.0		45	110	0.648
N-Nitrosodimethylamine	50.0	25.9	51.8		20	115	17.1
N-Nitrosodi-n-propylamine	50.0	33.1	66.2		35	130	7.98
N-Nitrosodiphenylamine	50.0	34.5	69.0		50	110	2.14
Pentachlorophenol	50.0	30.8	61.6		40	115	2.31
Phenanthrene	50.0	33.9	67.8		50	115	0.236
Phenol	50.0	15.0	30.0	ME	45	135	15.5
Pyrene	50.0	35.9	71.8		50	130	2.23
3 & 4 Methylphenol	100	47.7	47.7		30	110	17.9

Actual Number of Marginal Exceedences: 3

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806029

(Sample Delivery Group, SDG)

8260B

(Parameter)

P806153

(Analytical Batch)

Quality Control Association Form

Lab Name:	Analytical Management Laboratories, Inc.	**Fraction:**	VOA_GCMS
QC Batch:	P806153	**Method:**	8260B

Date Analyzed	Lab Sample ID	Original Sample	Sample Type	Project Number
6/9/08	0806029-01		SAMPLE	0806029
6/9/08	0806029-02		SAMPLE	0806029
6/9/08	0806029-03		SAMPLE	0806029
6/9/08	0806029-04		SAMPLE	0806029
6/9/08	0806029-07		SAMPLE	0806029
6/9/08	P806153-BLK1		Method Blank	0806029
6/9/08	P806153-BS1		LCS	0806029
6/9/08	P806153-BSD1		LCS Dup	0806029

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806153

SLMW-7-5-08 (0806029-01)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	105	85	115	
1,2-Dichloroethane-d4	102	70	120	
Toluene-d8	102	85	120	
4-Bromofluorobenzene	109	75	120	

SLMW-8-5-08 (0806029-02)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	105	85	115	
1,2-Dichloroethane-d4	104	70	120	
Toluene-d8	101	85	120	
4-Bromofluorobenzene	110	75	120	

SLMW-9-5-08 (0806029-03)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	108	85	115	
1,2-Dichloroethane-d4	108	70	120	
Toluene-d8	100	85	120	
4-Bromofluorobenzene	111	75	120	

SLMW-DUP-5-08 (0806029-04)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	106	85	115	
1,2-Dichloroethane-d4	105	70	120	
Toluene-d8	104	85	120	
4-Bromofluorobenzene	110	75	120	

Trip Blank (0806029-07)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	99.2	85	115	
1,2-Dichloroethane-d4	98.6	70	120	
Toluene-d8	96.5	85	120	
4-Bromofluorobenzene	107	75	120	

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806153

Blank (P806153-BLK1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	107	85	115	
1,2-Dichloroethane-d4	106	70	120	
Toluene-d8	105	85	120	
4-Bromofluorobenzene	112	75	120	

LCS (P806153-BS1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	105	85	115	
1,2-Dichloroethane-d4	105	70	120	
Toluene-d8	105	85	120	
4-Bromofluorobenzene	116	75	120	

LCS Dup (P806153-BSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	103	85	115	
1,2-Dichloroethane-d4	105	70	120	
Toluene-d8	102	85	120	
4-Bromofluorobenzene	117	75	120	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806153-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/09/08 16:46
Preparation:	EPA 5030B	Date Received:	
Batch:	P806153		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	Q1, U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	Q1, U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
74-88-4	Iodomethane		ug/L	U	0.500	2.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806153-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/09/08 16:46
Preparation:	EPA 5030B	Date Received:	
Batch:	P806153		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806153-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/09/08 15:10
Preparation:	EPA 5030B	Date Received:	
Batch:	P806153		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	25.7	ug/L		0.200	2.00	1
74-87-3	Chloromethane	24.9	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	25.8	ug/L		0.200	2.00	1
74-83-9	Bromomethane	28.1	ug/L		0.200	2.00	1
75-00-3	Chloroethane	27.8	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	30.0	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	29.9	ug/L		0.200	2.00	1
107-02-8	Acrolein	158	ug/L	Q1	1.00	10.0	1
67-64-1	Acetone	148	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	27.0	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	22.9	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	25.0	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	26.6	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	31.5	ug/L	Q1	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	28.2	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	25.2	ug/L		0.200	2.00	1
78-93-3	2-Butanone	123	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	27.0	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	29.2	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	25.2	ug/L		0.200	2.00	1
67-66-3	Chloroform	26.8	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	28.0	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	27.7	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	30.0	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	28.8	ug/L		0.200	2.00	1
71-43-2	Benzene	26.2	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	27.4	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	24.4	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	25.9	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	28.0	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	27.6	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	132	ug/L		2.00	10.0	1
108-88-3	Toluene	26.5	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	28.9	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	24.2	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	21.8	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	20.4	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	111	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	24.6	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	22.2	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	20.9	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.2	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	21.5	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	44.8	ug/L		0.400	4.00	1
74-88-4	Iodomethane	22.5	ug/L		0.500	2.00	1
95-47-6	o-Xylene	21.8	ug/L		0.200	2.00	1
100-42-5	Styrene	21.8	ug/L		0.200	2.00	1
75-25-2	Bromoform	25.4	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	21.9	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	23.9	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806153-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/09/08 15:10
Preparation:	EPA 5030B	Date Received:	
Batch:	P806153		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane	20.6	ug/L		0.200	2.00	1
108-86-1	Bromobenzene	20.9	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	22.0	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	22.3	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	23.9	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	21.5	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	21.3	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	21.3	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	23.3	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	20.6	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	20.8	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	20.7	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	22.7	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	22.7	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	22.2	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	22.4	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	22.6	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	22.2	ug/L		0.200	2.00	1
91-20-3	Naphthalene	22.5	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806153-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/09/08 15:42
Preparation:	EPA 5030B	Date Received:	
Batch:	P806153		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	25.3	ug/L		0.200	2.00	1
74-87-3	Chloromethane	24.9	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	25.3	ug/L		0.200	2.00	1
74-83-9	Bromomethane	21.2	ug/L		0.200	2.00	1
75-00-3	Chloroethane	27.4	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	29.0	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	29.4	ug/L		0.200	2.00	1
107-02-8	Acrolein	158	ug/L	Q1	1.00	10.0	1
67-64-1	Acetone	153	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	26.6	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	23.1	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	25.0	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	26.1	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	32.0	ug/L	Q1	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	30.0	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	24.9	ug/L		0.200	2.00	1
78-93-3	2-Butanone	128	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	26.9	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	28.6	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	26.1	ug/L		0.200	2.00	1
67-66-3	Chloroform	26.5	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	27.7	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	27.3	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	29.1	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	29.0	ug/L		0.200	2.00	1
71-43-2	Benzene	25.8	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	26.0	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	24.6	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	26.9	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	28.0	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	27.6	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	140	ug/L		2.00	10.0	1
108-88-3	Toluene	26.4	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	29.8	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	25.5	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	23.3	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	20.6	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	122	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	26.0	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	24.0	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	21.4	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.8	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	21.7	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	45.8	ug/L		0.400	4.00	1
74-88-4	Iodomethane	20.7	ug/L		0.500	2.00	1
95-47-6	o-Xylene	22.3	ug/L		0.200	2.00	1
100-42-5	Styrene	22.3	ug/L		0.200	2.00	1
75-25-2	Bromoform	27.2	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	22.2	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	24.4	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806153-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/09/08 15:42
Preparation:	EPA 5030B	Date Received:	
Batch:	P806153		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane	21.9	ug/L		0.200	2.00	1
108-86-1	Bromobenzene	21.1	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	21.8	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	22.1	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	24.0	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	21.3	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	21.5	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	21.2	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	23.4	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	20.8	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	21.1	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	21.2	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	22.4	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	22.4	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	24.3	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	22.9	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	23.4	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	21.9	ug/L		0.200	2.00	1
91-20-3	Naphthalene	23.7	ug/L		0.400	2.00	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806153

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806153-BS1***

Analyte	SPIKE ADDED	LCS AMOUNT	%REC	QC FLAG	% REC QC. LIMITS LCL	UCL
Dichlorodifluoromethane	25.0	25.7	103		30	155
Chloromethane	25.0	24.9	99.5		40	125
Vinyl chloride	25.0	25.8	103		50	145
Bromomethane	25.0	28.1	113		30	145
Chloroethane	25.0	27.8	111		60	135
Trichlorofluoromethane	25.0	30.0	120		60	145
1,1-Dichloroethene	25.0	29.9	120		70	130
Acrolein	125	158	126		54	142
Acetone	125	148	119		40	140
Acrylonitrile	25.0	27.0	108		71	129
Carbon disulfide	25.0	22.9	91.5		35	160
Methylene Chloride	25.0	25.0	100		55	140
trans-1,2-Dichloroethene	25.0	26.6	106		60	140
Vinyl acetate	25.0	31.5	126	ME	72	121
Methyl tert-Butyl Ether	25.0	28.2	113		65	125
1,1-Dichloroethane	25.0	25.2	101		70	135
2-Butanone	125	123	98.8		30	150
cis-1,2-Dichloroethene	25.0	27.0	108		70	125
2,2-Dichloropropane	25.0	29.2	117		70	135
Bromochloromethane	25.0	25.2	101		65	130
Chloroform	25.0	26.8	107		65	135
1,1,1-Trichloroethane	25.0	28.0	112		65	130
1,1-Dichloropropene	25.0	27.7	111		75	130
Carbon Tetrachloride	25.0	30.0	120		65	140
1,2-Dichloroethane	25.0	28.8	115		70	130
Benzene	25.0	26.2	105		80	120
Trichloroethene	25.0	27.4	109		70	125
1,2-Dichloropropane	25.0	24.4	97.8		75	125
Dibromomethane	25.0	25.9	104		75	125
Bromodichloromethane	25.0	28.0	112		75	120
cis-1,3-Dichloropropene	25.0	27.6	110		70	130
4-Methyl-2-pentanone	125	132	106		60	135
Toluene	25.0	26.5	106		75	120
trans-1,3-Dichloropropene	25.0	28.9	116		55	140
1,1,2-Trichloroethane	25.0	24.2	96.8		75	125
1,3-Dichloropropane	25.0	21.8	87.0		75	125
Tetrachloroethene	25.0	20.4	81.8		45	150
2-Hexanone	125	111	89.1		55	130
Dibromochloromethane	25.0	24.6	98.5		60	135
1,2-Dibromoethane	25.0	22.2	88.9		80	120
Chlorobenzene	25.0	20.9	83.8		80	120
1,1,1,2-Tetrachloroethane	25.0	24.2	96.7		80	130
Ethylbenzene	25.0	21.5	86.0		75	125
m-Xylene/p-Xylene	50.0	44.8	89.6		75	130
Iodomethane	25.0	22.5	90.0		57	145
o-Xylene	25.0	21.8	87.0		80	120
Styrene	25.0	21.8	87.3		65	135
Bromoform	25.0	25.4	102		70	130
Isopropylbenzene	25.0	21.9	87.5		75	125
1,2,3-Trichloropropane	25.0	23.9	95.6		75	125
1,1,2,2-Tetrachloroethane	25.0	20.6	82.6		65	130
Bromobenzene	25.0	20.9	83.8		75	125
n-Propylbenzene	25.0	22.0	88.2		70	130
2-Chlorotoluene	25.0	22.3	89.2		75	125

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806153

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806153-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
4-Chlorotoluene	25.0	23.9	95.6		75	130
1,3,5-Trimethylbenzene	25.0	21.5	85.9		75	130
tert-Butylbenzene	25.0	21.3	85.3		70	130
1,2,4-Trimethylbenzene	25.0	21.3	85.2		75	130
sec-Butylbenzene	25.0	23.3	93.4		70	125
1,3-Dichlorobenzene	25.0	20.6	82.4		75	125
1,4-Dichlorobenzene	25.0	20.8	83.1		75	125
1,2-Dichlorobenzene	25.0	20.7	82.6		70	120
4-Isopropyltoluene	25.0	22.7	90.7		75	130
n-Butylbenzene	25.0	22.7	90.8		70	135
1,2-Dibromo-3-chloropropane	25.0	22.2	88.8		50	130
1,2,4-Trichlorobenzene	25.0	22.4	89.7		65	135
1,2,3-Trichlorobenzene	25.0	22.6	90.2		55	140
Hexachlorobutadiene	25.0	22.2	88.7		50	140
Naphthalene	25.0	22.5	90.0		55	140

Actual Number of Marginal Exceedences: 1

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 69

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806153

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806153-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Dichlorodifluoromethane	25.0	25.3	101		30	155	1.76
Chloromethane	25.0	24.9	99.5		40	125	0.00
Vinyl chloride	25.0	25.3	101		50	145	1.88
Bromomethane	25.0	21.2	84.9		30	145	28.0
Chloroethane	25.0	27.4	110		60	135	1.23
Trichlorofluoromethane	25.0	29.0	116		60	145	3.43
1,1-Dichloroethene	25.0	29.4	118		70	130	1.62
Acrolein	125	158	127		54	142	0.291
Acetone	125	153	123		40	140	3.30
Acrylonitrile	25.0	26.6	106		71	129	1.64
Carbon disulfide	25.0	23.1	92.2		35	160	0.827
Methylene Chloride	25.0	25.0	100		55	140	0.00
trans-1,2-Dichloroethene	25.0	26.1	105		60	140	1.82
Vinyl acetate	25.0	32.0	128	ME	72	121	1.45
Methyl tert-Butyl Ether	25.0	30.0	120		65	125	5.88
1,1-Dichloroethane	25.0	24.9	99.5		70	135	1.08
2-Butanone	125	128	102		30	150	3.37
cis-1,2-Dichloroethene	25.0	26.9	108		70	125	0.334
2,2-Dichloropropane	25.0	28.6	114		70	135	2.28
Bromochloromethane	25.0	26.1	104		65	130	3.43
Chloroform	25.0	26.5	106		65	135	1.27
1,1,1-Trichloroethane	25.0	27.7	111		65	130	1.15
1,1-Dichloropropene	25.0	27.3	109		75	130	1.31
Carbon Tetrachloride	25.0	29.1	116		65	140	3.08
1,2-Dichloroethane	25.0	29.0	116		70	130	0.588
Benzene	25.0	25.8	103		80	120	1.46
Trichloroethene	25.0	26.0	104		70	125	4.94
1,2-Dichloropropane	25.0	24.6	98.4		75	125	0.653
Dibromomethane	25.0	26.9	108		75	125	3.71
Bromodichloromethane	25.0	28.0	112		75	120	0.179
cis-1,3-Dichloropropene	25.0	27.6	110		70	130	0.0362
4-Methyl-2-pentanone	125	140	112		60	135	5.94
Toluene	25.0	26.4	105		75	120	0.718
trans-1,3-Dichloropropene	25.0	29.8	119		55	140	2.86
1,1,2-Trichloroethane	25.0	25.5	102		75	125	5.12
1,3-Dichloropropane	25.0	23.3	93.3		75	125	6.97
Tetrachloroethene	25.0	20.6	82.4		45	150	0.682
2-Hexanone	125	122	97.9		55	130	9.45
Dibromochloromethane	25.0	26.0	104		60	135	5.53
1,2-Dibromoethane	25.0	24.0	95.8		80	120	7.49
Chlorobenzene	25.0	21.4	85.5		80	120	2.08
1,1,1,2-Tetrachloroethane	25.0	24.8	99.2		80	130	2.61
Ethylbenzene	25.0	21.7	86.7		75	125	0.788
m-Xylene/p-Xylene	50.0	45.8	91.5		75	130	2.14
Iodomethane	25.0	20.7	82.8		57	145	8.33
o-Xylene	25.0	22.3	89.2		80	120	2.45
Styrene	25.0	22.3	89.4		65	135	2.36
Bromoform	25.0	27.2	109		70	130	6.74
Isopropylbenzene	25.0	22.2	88.8		75	125	1.54
1,2,3-Trichloropropane	25.0	24.4	97.7		75	125	2.19
1,1,2,2-Tetrachloroethane	25.0	21.9	87.8		65	130	6.06
Bromobenzene	25.0	21.1	84.4		75	125	0.714
n-Propylbenzene	25.0	21.8	87.3		70	130	1.00
2-Chlorotoluene	25.0	22.1	88.4		75	125	0.856

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806153

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806153-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
4-Chlorotoluene	25.0	24.0	96.0		75	130	0.459
1,3,5-Trimethylbenzene	25.0	21.3	85.4		75	130	0.607
tert-Butylbenzene	25.0	21.5	86.0		70	130	0.747
1,2,4-Trimethylbenzene	25.0	21.2	85.0		75	130	0.282
sec-Butylbenzene	25.0	23.4	93.5		70	125	0.171
1,3-Dichlorobenzene	25.0	20.8	83.3		75	125	1.16
1,4-Dichlorobenzene	25.0	21.1	84.4		75	125	1.48
1,2-Dichlorobenzene	25.0	21.2	84.8		70	120	2.63
4-Isopropyltoluene	25.0	22.4	89.7		75	130	1.11
n-Butylbenzene	25.0	22.4	89.6		70	135	1.33
1,2-Dibromo-3-chloropropane	25.0	24.3	97.2		50	130	9.07
1,2,4-Trichlorobenzene	25.0	22.9	91.4		65	135	1.94
1,2,3-Trichlorobenzene	25.0	23.4	93.7		55	140	3.83
Hexachlorobutadiene	25.0	21.9	87.6		50	140	1.27
Naphthalene	25.0	23.7	94.9		55	140	5.28

Actual Number of Marginal Exceedences: 1

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 69

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806029

(Sample Delivery Group, SDG)

8260B

(Parameter)

P806170

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** VOA_GCMS

QC Batch: P806170 **Method:** 8260B

Date Analyzed	Lab Sample ID	Original Sample	Sample Type	Project Number
6/10/08	0806029-01RE1		SAMPLE RE-ANALYSIS	0806029
6/10/08	0806029-02RE1		SAMPLE RE-ANALYSIS	0806029
6/10/08	P806170-BLK1		Method Blank	0806029
6/10/08	P806170-BS1		LCS	0806029
6/10/08	P806170-BSD1		LCS Dup	0806029
6/10/08	P806170-MS1	0806036-01	Matrix Spike	0806029
6/10/08	P806170-MS2	0806037-02	Matrix Spike	0806029
6/10/08	P806170-MSD1	0806036-01	Matrix Spike Dup	0806029
6/10/08	P806170-MSD2	0806037-02	Matrix Spike Dup	0806029

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806170

SLMW-7-5-08 (0806029-01RE1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	88.1	85	115	
1,2-Dichloroethane-d4	88.1	70	120	
Toluene-d8	89.0	85	120	
4-Bromofluorobenzene	114	75	120	

SLMW-8-5-08 (0806029-02RE1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	87.2	85	115	
1,2-Dichloroethane-d4	81.9	70	120	
Toluene-d8	86.0	85	120	
4-Bromofluorobenzene	113	75	120	

Blank (P806170-BLK1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	89.8	85	115	
1,2-Dichloroethane-d4	88.9	70	120	
Toluene-d8	88.7	85	120	
4-Bromofluorobenzene	116	75	120	

LCS (P806170-BS1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	90.9	85	115	
1,2-Dichloroethane-d4	91.0	70	120	
Toluene-d8	91.6	85	120	
4-Bromofluorobenzene	120	75	120	

LCS Dup (P806170-BSD1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	90.1	85	115	
1,2-Dichloroethane-d4	88.6	70	120	
Toluene-d8	90.3	85	120	
4-Bromofluorobenzene	116	75	120	

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806170

Matrix Spike (P806170-MS1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	89.6	85	115	
1,2-Dichloroethane-d4	87.2	70	120	
Toluene-d8	87.5	85	120	
4-Bromofluorobenzene	118	75	120	

Matrix Spike (P806170-MS2)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	87.5	85	115	
1,2-Dichloroethane-d4	83.6	70	120	
Toluene-d8	89.6	85	120	
4-Bromofluorobenzene	118	75	120	

Matrix Spike Dup (P806170-MSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	89.6	85	115	
1,2-Dichloroethane-d4	85.6	70	120	
Toluene-d8	89.7	85	120	
4-Bromofluorobenzene	119	75	120	

Matrix Spike Dup (P806170-MSD2)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	87.7	85	115	
1,2-Dichloroethane-d4	82.9	70	120	
Toluene-d8	89.2	85	120	
4-Bromofluorobenzene	118	75	120	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 13:53
Preparation:	EPA 5030B	Date Received:	
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	Q2, U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 13:53
Preparation:	EPA 5030B	Date Received:	
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 12:17
Preparation:	EPA 5030B	Date Received:	
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	24.7	ug/L		0.200	2.00	1
74-87-3	Chloromethane	29.3	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	25.0	ug/L		0.200	2.00	1
74-83-9	Bromomethane	20.6	ug/L	Q2	0.200	2.00	1
75-00-3	Chloroethane	26.3	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	27.9	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	28.0	ug/L		0.200	2.00	1
107-02-8	Acrolein	145	ug/L		1.00	10.0	1
67-64-1	Acetone	143	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	25.4	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	22.2	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	24.2	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	24.8	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	29.6	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	27.5	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	23.4	ug/L		0.200	2.00	1
78-93-3	2-Butanone	121	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	25.0	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	27.0	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	23.7	ug/L		0.200	2.00	1
67-66-3	Chloroform	24.8	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	25.9	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	26.2	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	28.0	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	26.9	ug/L		0.200	2.00	1
71-43-2	Benzene	24.1	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	25.0	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	22.9	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	24.3	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	26.0	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	26.0	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	128	ug/L		2.00	10.0	1
108-88-3	Toluene	24.2	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	27.0	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	23.6	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	24.1	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	22.0	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	126	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	26.9	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	24.1	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	22.5	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	25.5	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	22.9	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	47.9	ug/L		0.400	4.00	1
95-47-6	o-Xylene	23.0	ug/L		0.200	2.00	1
100-42-5	Styrene	23.3	ug/L		0.200	2.00	1
75-25-2	Bromoform	27.7	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	23.5	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	27.4	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	23.7	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 12:17
Preparation:	EPA 5030B	Date Received:	
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	23.1	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	24.2	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	24.6	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	25.8	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	23.4	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	23.5	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	23.2	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	25.4	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.7	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.7	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	23.1	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	24.8	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	25.1	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	26.0	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	24.8	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	25.1	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	24.2	ug/L		0.200	2.00	1
91-20-3	Naphthalene	25.3	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 12:49
Preparation:	EPA 5030B	Date Received:	
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	22.4	ug/L		0.200	2.00	1
74-87-3	Chloromethane	26.7	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	18.5	ug/L		0.200	2.00	1
74-83-9	Bromomethane	21.9	ug/L	Q2	0.200	2.00	1
75-00-3	Chloroethane	24.4	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	25.6	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	26.1	ug/L		0.200	2.00	1
107-02-8	Acrolein	145	ug/L		1.00	10.0	1
67-64-1	Acetone	144	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	23.6	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	20.6	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	23.1	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	23.8	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	28.9	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	26.8	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	22.2	ug/L		0.200	2.00	1
78-93-3	2-Butanone	121	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	24.1	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	25.1	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	23.6	ug/L		0.200	2.00	1
67-66-3	Chloroform	24.0	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	24.2	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	24.3	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	25.8	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	26.4	ug/L		0.200	2.00	1
71-43-2	Benzene	23.2	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	23.6	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	22.4	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	24.6	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	25.1	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	25.4	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	129	ug/L		2.00	10.0	1
108-88-3	Toluene	23.5	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	26.4	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	23.3	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	23.7	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	20.8	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	123	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	26.0	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	23.5	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	22.4	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	25.1	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	21.7	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	48.2	ug/L		0.400	4.00	1
95-47-6	o-Xylene	21.8	ug/L		0.200	2.00	1
100-42-5	Styrene	22.6	ug/L		0.200	2.00	1
75-25-2	Bromoform	27.2	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	22.0	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	26.6	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	23.7	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 12:49
Preparation:	EPA 5030B	Date Received:	
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	22.8	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	23.3	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	23.8	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	24.1	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	22.8	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	22.9	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	22.6	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	24.5	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.2	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.7	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	23.0	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	23.8	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	24.1	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	25.1	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	24.8	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	25.3	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	23.4	ug/L		0.200	2.00	1
91-20-3	Naphthalene	26.0	ug/L		0.400	2.00	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806170-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Dichlorodifluoromethane	25.0	24.7	98.9		30	155
Chloromethane	25.0	29.3	117		40	125
Vinyl chloride	25.0	25.0	99.8		50	145
Bromomethane	25.0	20.6	82.5		30	145
Chloroethane	25.0	26.3	105		60	135
Trichlorofluoromethane	25.0	27.9	112		60	145
1,1-Dichloroethene	25.0	28.0	112		70	130
Acrolein	125	145	116		54	142
Acetone	125	143	114		40	140
Acrylonitrile	25.0	25.4	101		71	129
Carbon disulfide	25.0	22.2	88.9		35	160
Methylene Chloride	25.0	24.2	96.7		55	140
trans-1,2-Dichloroethene	25.0	24.8	99.4		60	140
Vinyl acetate	25.0	29.6	119		72	121
Methyl tert-Butyl Ether	25.0	27.5	110		65	125
1,1-Dichloroethane	25.0	23.4	93.7		70	135
2-Butanone	125	121	96.4		30	150
cis-1,2-Dichloroethene	25.0	25.0	99.8		70	125
2,2-Dichloropropane	25.0	27.0	108		70	135
Bromochloromethane	25.0	23.7	94.8		65	130
Chloroform	25.0	24.8	99.2		65	135
1,1,1-Trichloroethane	25.0	25.9	104		65	130
1,1-Dichloropropene	25.0	26.2	105		75	130
Carbon Tetrachloride	25.0	28.0	112		65	140
1,2-Dichloroethane	25.0	26.9	108		70	130
Benzene	25.0	24.1	96.2		80	120
Trichloroethene	25.0	25.0	100		70	125
1,2-Dichloropropane	25.0	22.9	91.5		75	125
Dibromomethane	25.0	24.3	97.3		75	125
Bromodichloromethane	25.0	26.0	104		75	120
cis-1,3-Dichloropropene	25.0	26.0	104		70	130
4-Methyl-2-pentanone	125	128	103		60	135
Toluene	25.0	24.2	96.9		75	120
trans-1,3-Dichloropropene	25.0	27.0	108		55	140
1,1,2-Trichloroethane	25.0	23.6	94.4		75	125
1,3-Dichloropropane	25.0	24.1	96.2		75	125
Tetrachloroethene	25.0	22.0	88.0		45	150
2-Hexanone	125	126	101		55	130
Dibromochloromethane	25.0	26.9	108		60	135
1,2-Dibromoethane	25.0	24.1	96.4		80	120
Chlorobenzene	25.0	22.5	89.9		80	120
1,1,1,2-Tetrachloroethane	25.0	25.5	102		80	130
Ethylbenzene	25.0	22.9	91.5		75	125
m-Xylene/p-Xylene	50.0	47.9	95.7		75	130
o-Xylene	25.0	23.0	92.1		80	120
Styrene	25.0	23.3	93.3		65	135
Bromoform	25.0	27.7	111		70	130
Isopropylbenzene	25.0	23.5	94.0		75	125
1,2,3-Trichloropropane	25.0	27.4	109		75	125
1,1,2,2-Tetrachloroethane	25.0	23.7	94.7		65	130
Bromobenzene	25.0	23.1	92.2		75	125
n-Propylbenzene	25.0	24.2	97.0		70	130
2-Chlorotoluene	25.0	24.6	98.4		75	125
4-Chlorotoluene	25.0	25.8	103		75	130

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806170-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
1,3,5-Trimethylbenzene	25.0	23.4	93.8		75	130
tert-Butylbenzene	25.0	23.5	94.0		70	130
1,2,4-Trimethylbenzene	25.0	23.2	93.0		75	130
sec-Butylbenzene	25.0	25.4	102		70	125
1,3-Dichlorobenzene	25.0	22.7	90.7		75	125
1,4-Dichlorobenzene	25.0	22.7	90.7		75	125
1,2-Dichlorobenzene	25.0	23.1	92.2		70	120
4-Isopropyltoluene	25.0	24.8	99.4		75	130
n-Butylbenzene	25.0	25.1	100		70	135
1,2-Dibromo-3-chloropropane	25.0	26.0	104		50	130
1,2,4-Trichlorobenzene	25.0	24.8	99.2		65	135
1,2,3-Trichlorobenzene	25.0	25.1	100		55	140
Hexachlorobutadiene	25.0	24.2	96.8		50	140
Naphthalene	25.0	25.3	101		55	140

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806170-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Dichlorodifluoromethane	25.0	22.4	89.4		30	155	10.1
Chloromethane	25.0	26.7	107		40	125	9.36
Vinyl chloride	25.0	18.5	73.8		50	145	29.9
Bromomethane	25.0	21.9	87.4		30	145	5.84
Chloroethane	25.0	24.4	97.6		60	135	7.42
Trichlorofluoromethane	25.0	25.6	103		60	145	8.62
1,1-Dichloroethene	25.0	26.1	104		70	130	6.91
Acrolein	125	145	116		54	142	0.0828
Acetone	125	144	115		40	140	0.580
Acrylonitrile	25.0	23.6	94.4		71	129	7.23
Carbon disulfide	25.0	20.6	82.5		35	160	7.47
Methylene Chloride	25.0	23.1	92.6		55	140	4.35
trans-1,2-Dichloroethene	25.0	23.8	95.3		60	140	4.19
Vinyl acetate	25.0	28.9	116		72	121	2.63
Methyl tert-Butyl Ether	25.0	26.8	107		65	125	2.46
1,1-Dichloroethane	25.0	22.2	89.0		70	135	5.17
2-Butanone	125	121	96.9		30	150	0.546
cis-1,2-Dichloroethene	25.0	24.1	96.4		70	125	3.46
2,2-Dichloropropane	25.0	25.1	101		70	135	6.99
Bromochloromethane	25.0	23.6	94.4		65	130	0.381
Chloroform	25.0	24.0	96.1		65	135	3.19
1,1,1-Trichloroethane	25.0	24.2	97.0		65	130	6.58
1,1-Dichloropropene	25.0	24.3	97.2		75	130	7.29
Carbon Tetrachloride	25.0	25.8	103		65	140	8.40
1,2-Dichloroethane	25.0	26.4	105		70	130	2.10
Benzene	25.0	23.2	92.6		80	120	3.81
Trichloroethene	25.0	23.6	94.6		70	125	5.59
1,2-Dichloropropane	25.0	22.4	89.5		75	125	2.25
Dibromomethane	25.0	24.6	98.4		75	125	1.06
Bromodichloromethane	25.0	25.1	101		75	120	3.25
cis-1,3-Dichloropropene	25.0	25.4	102		70	130	2.34
4-Methyl-2-pentanone	125	129	103		60	135	0.335
Toluene	25.0	23.5	94.0		75	120	3.10
trans-1,3-Dichloropropene	25.0	26.4	105		55	140	2.36
1,1,2-Trichloroethane	25.0	23.3	93.0		75	125	1.41
1,3-Dichloropropane	25.0	23.7	94.8		75	125	1.51
Tetrachloroethene	25.0	20.8	83.2		45	150	5.70
2-Hexanone	125	123	98.4		55	130	2.80
Dibromochloromethane	25.0	26.0	104		60	135	3.21
1,2-Dibromoethane	25.0	23.5	94.2		80	120	2.31
Chlorobenzene	25.0	22.4	89.6		80	120	0.267
1,1,1,2-Tetrachloroethane	25.0	25.1	100		80	130	1.78
Ethylbenzene	25.0	21.7	86.7		75	125	5.43
m-Xylene/p-Xylene	50.0	48.2	96.3		75	130	0.604
o-Xylene	25.0	21.8	87.0		80	120	5.72
Styrene	25.0	22.6	90.4		65	135	3.18
Bromoform	25.0	27.2	109		70	130	1.82
Isopropylbenzene	25.0	22.0	88.0		75	125	6.64
1,2,3-Trichloropropane	25.0	26.6	106		75	125	2.97
1,1,2,2-Tetrachloroethane	25.0	23.7	94.8		65	130	0.0844
Bromobenzene	25.0	22.8	91.2		75	125	1.09
n-Propylbenzene	25.0	23.3	93.3		70	130	3.91
2-Chlorotoluene	25.0	23.8	95.1		75	125	3.39
4-Chlorotoluene	25.0	24.1	96.3		75	130	6.90

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806170-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
1,3,5-Trimethylbenzene	25.0	22.8	91.2		75	130	2.72
tert-Butylbenzene	25.0	22.9	91.6		70	130	2.54
1,2,4-Trimethylbenzene	25.0	22.6	90.3		75	130	2.93
sec-Butylbenzene	25.0	24.5	98.0		70	125	3.77
1,3-Dichlorobenzene	25.0	22.2	89.0		75	125	1.91
1,4-Dichlorobenzene	25.0	22.7	90.8		75	125	0.132
1,2-Dichlorobenzene	25.0	23.0	91.8		70	120	0.435
4-Isopropyltoluene	25.0	23.8	95.1		75	130	4.40
n-Butylbenzene	25.0	24.1	96.2		70	135	4.11
1,2-Dibromo-3-chloropropane	25.0	25.1	100		50	130	3.61
1,2,4-Trichlorobenzene	25.0	24.8	99.3		65	135	0.161
1,2,3-Trichlorobenzene	25.0	25.3	101		55	140	0.872
Hexachlorobutadiene	25.0	23.4	93.5		50	140	3.53
Naphthalene	25.0	26.0	104		55	140	2.65

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MS1
% Solids:	NA	Date Collected:	06/09/08 07:30
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 17:29
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	22.8	ug/L		0.200	2.00	1
74-87-3	Chloromethane	25.8	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	23.2	ug/L		0.200	2.00	1
74-83-9	Bromomethane	15.2	ug/L	Q2	0.200	2.00	1
75-00-3	Chloroethane	20.6	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	26.5	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	28.9	ug/L		0.200	2.00	1
107-02-8	Acrolein	136	ug/L		1.00	10.0	1
67-64-1	Acetone	11.1	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	25.2	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	18.9	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	19.1	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	24.7	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	28.9	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	28.4	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	24.0	ug/L		0.200	2.00	1
78-93-3	2-Butanone	118	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	37.6	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	26.0	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	23.4	ug/L		0.200	2.00	1
67-66-3	Chloroform	24.7	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	29.9	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	25.9	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	26.7	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	35.0	ug/L		0.200	2.00	1
71-43-2	Benzene	440	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	163	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	22.5	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	24.3	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	24.6	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	25.3	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	153	ug/L		2.00	10.0	1
108-88-3	Toluene	378	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	26.9	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	23.9	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	23.7	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	21.3	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	148	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	25.0	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	25.9	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	22.8	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	23.9	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	319	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	535	ug/L		0.400	4.00	1
95-47-6	o-Xylene	364	ug/L		0.200	2.00	1
100-42-5	Styrene	29.2	ug/L		0.200	2.00	1
75-25-2	Bromoform	24.9	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	67.2	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	25.9	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	23.6	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MS1
% Solids:	NA	Date Collected:	06/09/08 07:30
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 17:29
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	22.5	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	64.5	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	46.3	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	34.9	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	102	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	24.1	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	191	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	45.3	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.4	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.0	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	22.4	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	34.1	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	30.5	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	26.9	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	23.8	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	24.1	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	22.7	ug/L		0.200	2.00	1
91-20-3	Naphthalene	136	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MS2
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 21:49
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	22.0	ug/L		0.200	2.00	1
74-87-3	Chloromethane	29.7	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	24.1	ug/L		0.200	2.00	1
74-83-9	Bromomethane	8.09	ug/L	Q2	0.200	2.00	1
75-00-3	Chloroethane	25.0	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	24.9	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	26.2	ug/L		0.200	2.00	1
107-02-8	Acrolein	131	ug/L		1.00	10.0	1
67-64-1	Acetone	138	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	23.9	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	21.8	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	24.3	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	25.3	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	26.8	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	26.4	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	22.8	ug/L		0.200	2.00	1
78-93-3	2-Butanone	125	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	25.2	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	22.1	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	23.7	ug/L		0.200	2.00	1
67-66-3	Chloroform	24.0	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	24.0	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	24.8	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	25.2	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	25.4	ug/L		0.200	2.00	1
71-43-2	Benzene	25.9	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	24.5	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	22.7	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	23.7	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	24.7	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	24.4	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	123	ug/L		2.00	10.0	1
108-88-3	Toluene	24.9	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	25.4	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	22.9	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	22.7	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	20.2	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	114	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	24.5	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	23.0	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	21.8	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.1	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	22.1	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	46.9	ug/L		0.400	4.00	1
95-47-6	o-Xylene	22.5	ug/L		0.200	2.00	1
100-42-5	Styrene	22.7	ug/L		0.200	2.00	1
75-25-2	Bromoform	24.9	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	22.5	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	24.8	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	22.4	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MS2
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 21:49
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	22.2	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	22.9	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	23.4	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	23.4	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	22.1	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	22.5	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	22.2	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	23.5	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	21.8	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.3	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	22.3	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	23.1	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	22.8	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	23.6	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	22.8	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	23.0	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	21.4	ug/L		0.200	2.00	1
91-20-3	Naphthalene	23.5	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MSD1
% Solids:	NA	Date Collected:	06/09/08 07:30
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 18:02
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	22.3	ug/L		0.200	2.00	1
74-87-3	Chloromethane	29.0	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	23.2	ug/L		0.200	2.00	1
74-83-9	Bromomethane	15.5	ug/L	Q2	0.200	2.00	1
75-00-3	Chloroethane	21.4	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	26.3	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	28.1	ug/L		0.200	2.00	1
107-02-8	Acrolein	79.5	ug/L		1.00	10.0	1
67-64-1	Acetone	11.0	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	24.9	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	18.7	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	19.9	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	24.5	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	28.2	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	29.0	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	23.8	ug/L		0.200	2.00	1
78-93-3	2-Butanone	131	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	37.4	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	25.7	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	24.2	ug/L		0.200	2.00	1
67-66-3	Chloroform	24.5	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	30.1	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	25.7	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	26.8	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	35.3	ug/L		0.200	2.00	1
71-43-2	Benzene	437	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	163	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	22.8	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	24.4	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	24.7	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	26.2	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	159	ug/L		2.00	10.0	1
108-88-3	Toluene	374	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	27.5	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	24.0	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	24.6	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	21.4	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	158	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	25.9	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	26.7	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	22.8	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.1	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	316	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	533	ug/L		0.400	4.00	1
95-47-6	o-Xylene	364	ug/L		0.200	2.00	1
100-42-5	Styrene	29.2	ug/L		0.200	2.00	1
75-25-2	Bromoform	25.5	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	67.1	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	27.1	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	24.4	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MSD1
% Solids:	NA	Date Collected:	06/09/08 07:30
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 18:02
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	22.7	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	63.9	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	46.2	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	35.1	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	101	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	24.6	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	189	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	44.6	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.5	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.7	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	22.9	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	33.7	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	30.7	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	27.6	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	24.1	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	25.4	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	22.8	ug/L		0.200	2.00	1
91-20-3	Naphthalene	140	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MSD2
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 22:22
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	21.8	ug/L		0.200	2.00	1
74-87-3	Chloromethane	30.7	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	24.2	ug/L		0.200	2.00	1
74-83-9	Bromomethane	11.1	ug/L	Q2	0.200	2.00	1
75-00-3	Chloroethane	24.5	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	25.1	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	26.4	ug/L		0.200	2.00	1
107-02-8	Acrolein	136	ug/L		1.00	10.0	1
67-64-1	Acetone	143	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	23.9	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	21.6	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	24.2	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	24.8	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	27.0	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	26.4	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	22.7	ug/L		0.200	2.00	1
78-93-3	2-Butanone	130	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	24.6	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	21.8	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	23.7	ug/L		0.200	2.00	1
67-66-3	Chloroform	23.8	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	23.9	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	24.5	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	25.5	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	25.7	ug/L		0.200	2.00	1
71-43-2	Benzene	26.1	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	24.0	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	22.7	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	23.8	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	24.7	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	24.3	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	128	ug/L		2.00	10.0	1
108-88-3	Toluene	25.3	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	25.4	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	23.5	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	23.1	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	20.9	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	122	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	24.7	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	22.9	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	22.4	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.8	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	22.4	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	47.0	ug/L		0.400	4.00	1
95-47-6	o-Xylene	22.6	ug/L		0.200	2.00	1
100-42-5	Styrene	23.1	ug/L		0.200	2.00	1
75-25-2	Bromoform	25.8	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	23.0	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	25.6	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	23.4	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806029
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MSD2
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 22:22
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	22.7	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	23.1	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	24.1	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	23.8	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	22.4	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	22.9	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	22.6	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	24.4	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.2	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.2	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	22.8	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	24.0	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	23.4	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	24.7	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	24.0	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	23.9	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	22.9	ug/L		0.200	2.00	1
91-20-3	Naphthalene	25.4	ug/L		0.400	2.00	1

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0806036-01*** ***Lab Sample ID for MS :*** ***P806170-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Dichlorodifluoromethane	0	25.0	22.8	91.0		30	155
Chloromethane	0	25.0	25.8	103		40	125
Vinyl chloride	0	25.0	23.2	92.8		50	145
Bromomethane	0	25.0	15.2	60.8		30	145
Chloroethane	0	25.0	20.6	82.4		60	135
Trichlorofluoromethane	0	25.0	26.5	106		60	145
1,1-Dichloroethene	0	25.0	28.9	116		70	130
Acrolein	0	125	136	108		54	142
Acetone	0	125	11.1	8.89	ME*	40	140
Acrylonitrile	0	25.0	25.2	101		71	129
Carbon disulfide	0	25.0	18.9	75.5		35	160
Methylene Chloride	0	25.0	19.1	76.4		55	140
trans-1,2-Dichloroethene	0	25.0	24.7	99.0		60	140
Vinyl acetate	0	25.0	28.9	116		72	121
Methyl tert-Butyl Ether	0	25.0	28.4	114		65	125
1,1-Dichloroethane	0.760	25.0	24.0	92.9		70	135
2-Butanone	14.9	125	118	82.9		30	150
cis-1,2-Dichloroethene	11.8	25.0	37.6	103		70	125
2,2-Dichloropropane	0	25.0	26.0	104		70	135
Bromochloromethane	0	25.0	23.4	93.4		65	130
Chloroform	0	25.0	24.7	98.7		65	135
1,1,1-Trichloroethane	4.81	25.0	29.9	100		65	130
1,1-Dichloropropene	0	25.0	25.9	104		75	130
Carbon Tetrachloride	0	25.0	26.7	107		65	140
1,2-Dichloroethane	0	25.0	35.0	140	ME	70	130
Benzene	428	25.0	440	48.1	ME*	80	120
Trichloroethene	143	25.0	163	80.2		70	125
1,2-Dichloropropane	0	25.0	22.5	90.0		75	125
Dibromomethane	0	25.0	24.3	97.1		75	125
Bromodichloromethane	0	25.0	24.6	98.5		75	120
cis-1,3-Dichloropropene	0	25.0	25.3	101		70	130
4-Methyl-2-pentanone	0	125	153	122		60	135
Toluene	363	25.0	378	59.2	ME*	75	120
trans-1,3-Dichloropropene	0	25.0	26.9	108		55	140
1,1,2-Trichloroethane	0	25.0	23.9	95.8		75	125
1,3-Dichloropropane	0	25.0	23.7	94.8		75	125
Tetrachloroethene	0	25.0	21.3	85.2		45	150
2-Hexanone	0	125	148	118		55	130
Dibromochloromethane	0	25.0	25.0	100		60	135
1,2-Dibromoethane	0	25.0	25.9	104		80	120
Chlorobenzene	0	25.0	22.8	91.2		80	120
1,1,1,2-Tetrachloroethane	0	25.0	23.9	95.6		80	130
Ethylbenzene	307	25.0	319	47.6	ME*	75	125
m-Xylene/p-Xylene	517	50.0	535	35.6	ME*	75	130
o-Xylene	357	25.0	364	28.4	ME*	80	120
Styrene	0	25.0	29.2	117		65	135
Bromoform	0	25.0	24.9	99.7		70	130
Isopropylbenzene	44.9	25.0	67.2	89.0		75	125
1,2,3-Trichloropropane	0	25.0	25.9	104		75	125
1,1,2,2-Tetrachloroethane	0	25.0	23.6	94.5		65	130
Bromobenzene	0	25.0	22.5	90.0		75	125
n-Propylbenzene	40.7	25.0	64.5	95.1		70	130
2-Chlorotoluene	22.6	25.0	46.3	94.7		75	125
4-Chlorotoluene	9.12	25.0	34.9	103		75	130

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Original Sample ***0806036-01*** ***Lab Sample ID for MS :*** ***P806170-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
1,3,5-Trimethylbenzene	84.0	25.0	102	73.4	ME	75	130
tert-Butylbenzene	0	25.0	24.1	96.2		70	130
1,2,4-Trimethylbenzene	177	25.0	191	54.7	ME*	75	130
sec-Butylbenzene	0	25.0	45.3	181	ME*	70	125
1,3-Dichlorobenzene	0	25.0	22.4	89.4		75	125
1,4-Dichlorobenzene	0	25.0	22.0	87.8		75	125
1,2-Dichlorobenzene	0	25.0	22.4	89.5		70	120
4-Isopropyltoluene	8.99	25.0	34.1	100		75	130
n-Butylbenzene	0	25.0	30.5	122		70	135
1,2-Dibromo-3-chloropropane	0	25.0	26.9	107		50	130
1,2,4-Trichlorobenzene	0	25.0	23.8	95.1		65	135
1,2,3-Trichlorobenzene	0	25.0	24.1	96.4		55	140
Hexachlorobutadiene	0	25.0	22.7	90.8		50	140
Naphthalene	99.6	25.0	136	146	ME	55	140

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806170-MS2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Dichlorodifluoromethane	0	25.0	22.0	87.8		30	155
Chloromethane	0	25.0	29.7	119		40	125
Vinyl chloride	0	25.0	24.1	96.6		50	145
Bromomethane	0	25.0	8.09	32.4		30	145
Chloroethane	0	25.0	25.0	99.8		60	135
Trichlorofluoromethane	0	25.0	24.9	99.7		60	145
1,1-Dichloroethene	0	25.0	26.2	105		70	130
Acrolein	0	125	131	105		54	142
Acetone	0	125	138	110		40	140
Acrylonitrile	0	25.0	23.9	95.6		71	129
Carbon disulfide	0	25.0	21.8	87.4		35	160
Methylene Chloride	0	25.0	24.3	97.2		55	140
trans-1,2-Dichloroethene	0	25.0	25.3	101		60	140
Vinyl acetate	0	25.0	26.8	107		72	121
Methyl tert-Butyl Ether	0	25.0	26.4	106		65	125
1,1-Dichloroethane	0	25.0	22.8	91.2		70	135
2-Butanone	0	125	125	99.7		30	150
cis-1,2-Dichloroethene	0	25.0	25.2	101		70	125
2,2-Dichloropropane	0	25.0	22.1	88.2		70	135
Bromochloromethane	0	25.0	23.7	94.6		65	130
Chloroform	0	25.0	24.0	96.0		65	135
1,1,1-Trichloroethane	0	25.0	24.0	96.2		65	130
1,1-Dichloropropene	0	25.0	24.8	99.4		75	130
Carbon Tetrachloride	0	25.0	25.2	101		65	140
1,2-Dichloroethane	0	25.0	25.4	101		70	130
Benzene	0	25.0	25.9	104		80	120
Trichloroethene	0	25.0	24.5	98.0		70	125
1,2-Dichloropropane	0	25.0	22.7	90.8		75	125
Dibromomethane	0	25.0	23.7	95.0		75	125
Bromodichloromethane	0	25.0	24.7	98.9		75	120
cis-1,3-Dichloropropene	0	25.0	24.4	97.4		70	130
4-Methyl-2-pentanone	0	125	123	98.3		60	135
Toluene	0	25.0	24.9	99.7		75	120
trans-1,3-Dichloropropene	0	25.0	25.4	101		55	140
1,1,2-Trichloroethane	0	25.0	22.9	91.8		75	125
1,3-Dichloropropane	0	25.0	22.7	90.9		75	125
Tetrachloroethene	0	25.0	20.2	81.0		45	150
2-Hexanone	0	125	114	91.4		55	130
Dibromochloromethane	0	25.0	24.5	98.0		60	135
1,2-Dibromoethane	0	25.0	23.0	92.1		80	120
Chlorobenzene	0	25.0	21.8	87.3		80	120
1,1,1,2-Tetrachloroethane	0	25.0	24.1	96.4		80	130
Ethylbenzene	0	25.0	22.1	88.4		75	125
m-Xylene/p-Xylene	0	50.0	46.9	93.7		75	130
o-Xylene	0	25.0	22.5	90.0		80	120
Styrene	0	25.0	22.7	90.7		65	135
Bromoform	0	25.0	24.9	99.5		70	130
Isopropylbenzene	0	25.0	22.5	89.8		75	125
1,2,3-Trichloropropane	0	25.0	24.8	99.2		75	125
1,1,2,2-Tetrachloroethane	0	25.0	22.4	89.6		65	130
Bromobenzene	0	25.0	22.2	89.0		75	125
n-Propylbenzene	0	25.0	22.9	91.8		70	130
2-Chlorotoluene	0	25.0	23.4	93.6		75	125
4-Chlorotoluene	0	25.0	23.4	93.6		75	130

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806170-MS2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
1,3,5-Trimethylbenzene	0	25.0	22.1	88.6		75	130
tert-Butylbenzene	0	25.0	22.5	90.0		70	130
1,2,4-Trimethylbenzene	0	25.0	22.2	89.0		75	130
sec-Butylbenzene	0	25.0	23.5	94.0		70	125
1,3-Dichlorobenzene	0	25.0	21.8	87.3		75	125
1,4-Dichlorobenzene	0	25.0	22.3	89.2		75	125
1,2-Dichlorobenzene	0	25.0	22.3	89.1		70	120
4-Isopropyltoluene	0	25.0	23.1	92.3		75	130
n-Butylbenzene	0	25.0	22.8	91.3		70	135
1,2-Dibromo-3-chloropropane	0	25.0	23.6	94.4		50	130
1,2,4-Trichlorobenzene	0	25.0	22.8	91.1		65	135
1,2,3-Trichlorobenzene	0	25.0	23.0	92.0		55	140
Hexachlorobutadiene	0	25.0	21.4	85.7		50	140
Naphthalene	0	25.0	23.5	94.1		55	140

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0806036-01*** ***Lab Sample ID for MSD*** ***P806170-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Dichlorodifluoromethane	0	25.0	22.3	89.1		2.18		30	155	30
Chloromethane	0	25.0	29.0	116		11.6		40	125	30
Vinyl chloride	0	25.0	23.2	93.0		0.172		50	145	30
Bromomethane	0	25.0	15.5	62.0		1.89		30	145	30
Chloroethane	0	25.0	21.4	85.8		3.99		60	135	30
Trichlorofluoromethane	0	25.0	26.3	105		0.795		60	145	30
1,1-Dichloroethene	0	25.0	28.1	113		2.63		70	130	30
Acrolein	0	125	79.5	63.6		52.1	*	54	142	30
Acetone	0	125	11.0	8.77	ME*	1.36		40	140	30
Acrylonitrile	0	25.0	24.9	99.7		1.28		71	129	30
Carbon disulfide	0	25.0	18.7	74.9		0.851		35	160	30
Methylene Chloride	0	25.0	19.9	79.6		4.15		55	140	30
trans-1,2-Dichloroethene	0	25.0	24.5	98.1		0.893		60	140	30
Vinyl acetate	0	25.0	28.2	113		2.31		72	121	30
Methyl tert-Butyl Ether	0	25.0	29.0	116		2.19		65	125	30
1,1-Dichloroethane	0.760	25.0	23.8	92.0		0.908		70	135	30
2-Butanone	14.9	125	131	92.7		11.1		30	150	30
cis-1,2-Dichloroethene	11.8	25.0	37.4	102		0.894		70	125	30
2,2-Dichloropropane	0	25.0	25.7	103		1.43		70	135	30
Bromochloromethane	0	25.0	24.2	96.7		3.45		65	130	30
Chloroform	0	25.0	24.5	97.9		0.773		65	135	30
1,1,1-Trichloroethane	4.81	25.0	30.1	101		0.714		65	130	30
1,1-Dichloropropene	0	25.0	25.7	103		0.814		75	130	30
Carbon Tetrachloride	0	25.0	26.8	107		0.486		65	140	30
1,2-Dichloroethane	0	25.0	35.3	141	ME*	0.882		70	130	30
Benzene	428	25.0	437	39.0	ME*	20.9		80	120	30
Trichloroethene	143	25.0	163	77.4		3.55		70	125	30
1,2-Dichloropropane	0	25.0	22.8	91.1		1.24		75	125	30
Dibromomethane	0	25.0	24.4	97.8		0.698		75	125	30
Bromodichloromethane	0	25.0	24.7	98.8		0.324		75	120	30
cis-1,3-Dichloropropene	0	25.0	26.2	105		3.34		70	130	30
4-Methyl-2-pentanone	0	125	159	127		3.76		60	135	30
Toluene	363	25.0	374	45.4	ME*	26.2		75	120	30
trans-1,3-Dichloropropene	0	25.0	27.5	110		2.13		55	140	30
1,1,2-Trichloroethane	0	25.0	24.0	95.8		0.0835		75	125	30
1,3-Dichloropropane	0	25.0	24.6	98.2		3.56		75	125	30
Tetrachloroethene	0	25.0	21.4	85.5		0.281		45	150	30
2-Hexanone	0	125	158	127		6.70		55	130	30
Dibromochloromethane	0	25.0	25.9	104		3.46		60	135	30
1,2-Dibromoethane	0	25.0	26.7	107		3.00		80	120	30
Chlorobenzene	0	25.0	22.8	91.3		0.132		80	120	30
1,1,1,2-Tetrachloroethane	0	25.0	24.1	96.5		0.958		80	130	30
Ethylbenzene	307	25.0	316	36.8	ME*	25.5		75	125	30
m-Xylene/p-Xylene	517	50.0	533	31.6	ME*	12.1		75	130	30
o-Xylene	357	25.0	364	24.6	ME*	14.3		80	120	30
Styrene	0	25.0	29.2	117		0.240		65	135	30
Bromoform	0	25.0	25.5	102		2.10		70	130	30
Isopropylbenzene	44.9	25.0	67.1	88.8		0.315		75	125	30
1,2,3-Trichloropropane	0	25.0	27.1	108		4.45		75	125	30
1,1,2,2-Tetrachloroethane	0	25.0	24.4	97.6		3.25		65	130	30
Bromobenzene	0	25.0	22.7	90.8		0.885		75	125	30
n-Propylbenzene	40.7	25.0	63.9	93.0		2.30		70	130	30
2-Chlorotoluene	22.6	25.0	46.2	94.4		0.338		75	125	30
4-Chlorotoluene	9.12	25.0	35.1	104		0.657		75	130	30

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0806036-01*** ***Lab Sample ID for MSD*** ***P806170-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
1,3,5-Trimethylbenzene	84.0	25.0	101	69.8	ME	5.08		75	130	30
tert-Butylbenzene	0	25.0	24.6	98.5		2.30		70	130	30
1,2,4-Trimethylbenzene	177	25.0	189	46.6	ME*	16.0		75	130	30
sec-Butylbenzene	0	25.0	44.6	178	ME*	1.65		70	125	30
1,3-Dichlorobenzene	0	25.0	22.5	90.0		0.669		75	125	30
1,4-Dichlorobenzene	0	25.0	22.7	90.8		3.36		75	125	30
1,2-Dichlorobenzene	0	25.0	22.9	91.7		2.43		70	120	30
4-Isopropyltoluene	8.99	25.0	33.7	99.0		1.48		75	130	30
n-Butylbenzene	0	25.0	30.7	123		0.687		70	135	30
1,2-Dibromo-3-chloropropane	0	25.0	27.6	110		2.72		50	130	30
1,2,4-Trichlorobenzene	0	25.0	24.1	96.4		1.38		65	135	30
1,2,3-Trichlorobenzene	0	25.0	25.4	101		5.14		55	140	30
Hexachlorobutadiene	0	25.0	22.8	91.0		0.264		50	140	30
Naphthalene	99.6	25.0	140	161	ME*	9.30		55	140	30

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806170-MSD2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Dichlorodifluoromethane	0	25.0	21.8	87.1		0.777		30	155	30
Chloromethane	0	25.0	30.7	123		3.15		40	125	30
Vinyl chloride	0	25.0	24.2	96.8		0.207		50	145	30
Bromomethane	0	25.0	11.1	44.5		31.5	*	30	145	30
Chloroethane	0	25.0	24.5	98.2		1.66		60	135	30
Trichlorofluoromethane	0	25.0	25.1	100		0.760		60	145	30
1,1-Dichloroethene	0	25.0	26.4	105		0.495		70	130	30
Acrolein	0	125	136	109		3.64		54	142	30
Acetone	0	125	143	114		3.58		40	140	30
Acrylonitrile	0	25.0	23.9	95.5		0.0837		71	129	30
Carbon disulfide	0	25.0	21.6	86.5		1.06		35	160	30
Methylene Chloride	0	25.0	24.2	96.9		0.247		55	140	30
trans-1,2-Dichloroethene	0	25.0	24.8	99.1		1.96		60	140	30
Vinyl acetate	0	25.0	27.0	108		0.633		72	121	30
Methyl tert-Butyl Ether	0	25.0	26.4	106		0.151		65	125	30
1,1-Dichloroethane	0	25.0	22.7	90.8		0.483		70	135	30
2-Butanone	0	125	130	104		4.37		30	150	30
cis-1,2-Dichloroethene	0	25.0	24.6	98.6		2.17		70	125	30
2,2-Dichloropropane	0	25.0	21.8	87.0		1.37		70	135	30
Bromochloromethane	0	25.0	23.7	94.8		0.127		65	130	30
Chloroform	0	25.0	23.8	95.3		0.711		65	135	30
1,1,1-Trichloroethane	0	25.0	23.9	95.7		0.500		65	130	30
1,1-Dichloropropene	0	25.0	24.5	97.9		1.50		75	130	30
Carbon Tetrachloride	0	25.0	25.5	102		1.18		65	140	30
1,2-Dichloroethane	0	25.0	25.7	103		1.49		70	130	30
Benzene	0	25.0	26.1	104		0.654		80	120	30
Trichloroethene	0	25.0	24.0	96.0		2.06		70	125	30
1,2-Dichloropropane	0	25.0	22.7	90.8		0.0881		75	125	30
Dibromomethane	0	25.0	23.8	95.4		0.420		75	125	30
Bromodichloromethane	0	25.0	24.7	98.7		0.162		75	120	30
cis-1,3-Dichloropropene	0	25.0	24.3	97.2		0.247		70	130	30
4-Methyl-2-pentanone	0	125	128	102		4.14		60	135	30
Toluene	0	25.0	25.3	101		1.55		75	120	30
trans-1,3-Dichloropropene	0	25.0	25.4	102		0.354		55	140	30
1,1,2-Trichloroethane	0	25.0	23.5	94.1		2.54		75	125	30
1,3-Dichloropropane	0	25.0	23.1	92.4		1.61		75	125	30
Tetrachloroethene	0	25.0	20.9	83.5		3.02		45	150	30
2-Hexanone	0	125	122	97.6		6.51		55	130	30
Dibromochloromethane	0	25.0	24.7	99.0		0.975		60	135	30
1,2-Dibromoethane	0	25.0	22.9	91.6		0.522		80	120	30
Chlorobenzene	0	25.0	22.4	89.6		2.58		80	120	30
1,1,1,2-Tetrachloroethane	0	25.0	24.8	99.1		2.78		80	130	30
Ethylbenzene	0	25.0	22.4	89.5		1.21		75	125	30
m-Xylene/p-Xylene	0	50.0	47.0	93.9		0.171		75	130	30
o-Xylene	0	25.0	22.6	90.4		0.443		80	120	30
Styrene	0	25.0	23.1	92.5		1.92		65	135	30
Bromoform	0	25.0	25.8	103		3.67		70	130	30
Isopropylbenzene	0	25.0	23.0	91.9		2.25		75	125	30
1,2,3-Trichloropropane	0	25.0	25.6	102		2.98		75	125	30
1,1,2,2-Tetrachloroethane	0	25.0	23.4	93.5		4.24		65	130	30
Bromobenzene	0	25.0	22.7	90.7		1.91		75	125	30
n-Propylbenzene	0	25.0	23.1	92.3		0.608		70	130	30
2-Chlorotoluene	0	25.0	24.1	96.4		2.95		75	125	30
4-Chlorotoluene	0	25.0	23.8	95.1		1.57		75	130	30

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806170-MSD2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
1,3,5-Trimethylbenzene	0	25.0	22.4	89.5		1.08		75	130	30
tert-Butylbenzene	0	25.0	22.9	91.8		1.89		70	130	30
1,2,4-Trimethylbenzene	0	25.0	22.6	90.2		1.38		75	130	30
sec-Butylbenzene	0	25.0	24.4	97.8		4.01		70	125	30
1,3-Dichlorobenzene	0	25.0	22.2	89.0		1.95		75	125	30
1,4-Dichlorobenzene	0	25.0	22.2	88.7		0.629		75	125	30
1,2-Dichlorobenzene	0	25.0	22.8	91.4		2.57		70	120	30
4-Isopropyltoluene	0	25.0	24.0	95.9		3.83		75	130	30
n-Butylbenzene	0	25.0	23.4	93.8		2.68		70	135	30
1,2-Dibromo-3-chloropropane	0	25.0	24.7	98.6		4.39		50	130	30
1,2,4-Trichlorobenzene	0	25.0	24.0	95.8		5.05		65	135	30
1,2,3-Trichlorobenzene	0	25.0	23.9	95.8		4.01		55	140	30
Hexachlorobutadiene	0	25.0	22.9	91.6		6.59		50	140	30
Naphthalene	0	25.0	25.4	102		7.80		55	140	30

Subcontracted Report

0806029

(AML Sample Delivery Group, SDG)

ACCUTEST-Report F58086

(Laboratory)

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

07/08/08

Technical Report for

Analytical Management Laboratories

Long Street LF; Ft Bragg, NC

DO 109

Accutest Job Number: F58086

Sampling Date: 06/06/08

Report to:

Analytical Management Laboratories
15130 South Keeler
Olathe, KS 66062

ATTN: Malania Harris

Total number of pages in report: 15

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.

Test results relate only to samples analyzed.

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Sections: 1 2 3 4

Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Sample Results **4**
2.1: F58086-1: SLMW-7-5-08 5
2.2: F58086-2: SLMW-8-5-08 6
2.3: F58086-3: SLMW-9-5-08 7
2.4: F58086-4: SLMW-DUP 8
Section 3: Misc. Forms 9
3.1: Chain of Custody 10
Section 4: GC Semi-volatiles - QC Data Summaries **12**
4.1: Method Blank Summary 13
4.2: Blank Spike Summary 14
4.3: Matrix Spike/Matrix Spike Duplicate Summary 15

Sample Summary

Analytical Management Laboratories

Job No: F58086

Long Street LF; Ft Bragg, NC
Project No: DO 109

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
F58086-1	06/06/08	08:25 JC	06/07/08	AQ	Water	SLMW-7-5-08
F58086-2	06/06/08	08:50 JC	06/07/08	AQ	Water	SLMW-8-5-08
F58086-3	06/06/08	11:00 JC	06/07/08	AQ	Water	SLMW-9-5-08
F58086-4	06/06/08	08:00 JC	06/07/08	AQ	Water	SLMW-DUP

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	SLMW-7-5-08		
Lab Sample ID:	F58086-1	**Date Sampled:**	06/06/08
Matrix:	AQ - Water	**Date Received:**	06/07/08
Method:	SW846 8141B SW846 3510C	**Percent Solids:**	n/a
Project:	Long Street LF; Ft Bragg, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ01212.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

Organophosphorus Pesticides

CAS No.	Compound	Result	RL	MDL	Units	Q
35400-43-2	Bolstar	ND	1.9	0.49	ug/l	
2921-88-2	Chlorpyrifos	ND	1.9	0.49	ug/l	
56-72-4	Coumaphos	ND	1.9	0.49	ug/l	
8065-48-3	Demeton	ND	3.9	0.97	ug/l	
333-41-5	Diazinon	ND	1.9	0.49	ug/l	
62-73-7	Dichlorvos	ND	1.9	0.49	ug/l	
60-51-5	Dimethoate	ND	1.9	0.49	ug/l	
298-04-4	Disulfoton	ND	1.9	0.49	ug/l	
2104-64-5	EPN	ND	1.9	0.49	ug/l	
13194-48-4	Ethoprop	ND	1.9	0.49	ug/l	
56-38-2	Ethyl Parathion	ND	1.9	0.49	ug/l	
115-90-2	Fensulfothion	ND	1.9	0.49	ug/l	
55-38-9	Fenthion	ND	1.9	0.49	ug/l	
121-75-5	Malathion	ND	1.9	0.49	ug/l	
86-50-0	Methyl Azinphos	ND	1.9	0.49	ug/l	
298-00-0	Methyl Parathion	ND	1.9	0.49	ug/l	
150-50-5	Merphos	ND	4.9	1.9	ug/l	
7786-34-7	Mevinphos	ND	1.9	0.49	ug/l	
6923-22-4	Monocrotophos	ND	4.9	1.9	ug/l	
300-76-5	Naled	ND	1.9	0.97	ug/l	
298-02-2	Phorate	ND	1.9	0.49	ug/l	
3689-24-5	Sulfotep	ND	1.9	0.49	ug/l	
299-84-3	Ronnel	ND	1.9	0.49	ug/l	
22248-79-9	Stirophos	ND	1.9	0.49	ug/l	
107-49-3	TEPP	ND	4.9	1.9	ug/l	
34643-46-4	Tokuthion	ND	1.9	0.49	ug/l	
327-98-0	Trichloronate	ND	1.9	0.49	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
115-86-6	Triphenyl phosphate	69%		55-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SLMW-8-5-08		
Lab Sample ID:	F58086-2	**Date Sampled:**	06/06/08
Matrix:	AQ - Water	**Date Received:**	06/07/08
Method:	SW846 8141B SW846 3510C	**Percent Solids:**	n/a
Project:	Long Street LF; Ft Bragg, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ01195.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

Organophosphorus Pesticides

CAS No.	Compound	Result	RL	MDL	Units	Q
35400-43-2	Bolstar	ND	1.9	0.49	ug/l	
2921-88-2	Chlorpyrifos	ND	1.9	0.49	ug/l	
56-72-4	Coumaphos	ND	1.9	0.49	ug/l	
8065-48-3	Demeton	ND	3.9	0.97	ug/l	
333-41-5	Diazinon	ND	1.9	0.49	ug/l	
62-73-7	Dichlorvos	ND	1.9	0.49	ug/l	
60-51-5	Dimethoate	ND	1.9	0.49	ug/l	
298-04-4	Disulfoton	ND	1.9	0.49	ug/l	
2104-64-5	EPN	ND	1.9	0.49	ug/l	
13194-48-4	Ethoprop	ND	1.9	0.49	ug/l	
56-38-2	Ethyl Parathion	ND	1.9	0.49	ug/l	
115-90-2	Fensulfothion	ND	1.9	0.49	ug/l	
55-38-9	Fenthion	ND	1.9	0.49	ug/l	
121-75-5	Malathion	ND	1.9	0.49	ug/l	
86-50-0	Methyl Azinphos	ND	1.9	0.49	ug/l	
298-00-0	Methyl Parathion	ND	1.9	0.49	ug/l	
150-50-5	Merphos	ND	4.9	1.9	ug/l	
7786-34-7	Mevinphos	ND	1.9	0.49	ug/l	
6923-22-4	Monocrotophos	ND	4.9	1.9	ug/l	
300-76-5	Naled	ND	1.9	0.97	ug/l	
298-02-2	Phorate	ND	1.9	0.49	ug/l	
3689-24-5	Sulfotep	ND	1.9	0.49	ug/l	
299-84-3	Ronnel	ND	1.9	0.49	ug/l	
22248-79-9	Stirophos	ND	1.9	0.49	ug/l	
107-49-3	TEPP	ND	4.9	1.9	ug/l	
34643-46-4	Tokuthion	ND	1.9	0.49	ug/l	
327-98-0	Trichloronate	ND	1.9	0.49	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
115-86-6	Triphenyl phosphate	79%		55-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SLMW-9-5-08		
Lab Sample ID:	F58086-3	**Date Sampled:**	06/06/08
Matrix:	AQ - Water	**Date Received:**	06/07/08
Method:	SW846 8141B SW846 3510C	**Percent Solids:**	n/a
Project:	Long Street LF; Ft Bragg, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ01196.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

Organophosphorus Pesticides

CAS No.	Compound	Result	RL	MDL	Units	Q
35400-43-2	Bolstar	ND	1.9	0.49	ug/l	
2921-88-2	Chlorpyrifos	ND	1.9	0.49	ug/l	
56-72-4	Coumaphos	ND	1.9	0.49	ug/l	
8065-48-3	Demeton	ND	3.9	0.97	ug/l	
333-41-5	Diazinon	ND	1.9	0.49	ug/l	
62-73-7	Dichlorvos	ND	1.9	0.49	ug/l	
60-51-5	Dimethoate	ND	1.9	0.49	ug/l	
298-04-4	Disulfoton	ND	1.9	0.49	ug/l	
2104-64-5	EPN	ND	1.9	0.49	ug/l	
13194-48-4	Ethoprop	ND	1.9	0.49	ug/l	
56-38-2	Ethyl Parathion	ND	1.9	0.49	ug/l	
115-90-2	Fensulfothion	ND	1.9	0.49	ug/l	
55-38-9	Fenthion	ND	1.9	0.49	ug/l	
121-75-5	Malathion	ND	1.9	0.49	ug/l	
86-50-0	Methyl Azinphos	ND	1.9	0.49	ug/l	
298-00-0	Methyl Parathion	ND	1.9	0.49	ug/l	
150-50-5	Merphos	ND	4.9	1.9	ug/l	
7786-34-7	Mevinphos	ND	1.9	0.49	ug/l	
6923-22-4	Monocrotophos	ND	4.9	1.9	ug/l	
300-76-5	Naled	ND	1.9	0.97	ug/l	
298-02-2	Phorate	ND	1.9	0.49	ug/l	
3689-24-5	Sulfotep	ND	1.9	0.49	ug/l	
299-84-3	Ronnel	ND	1.9	0.49	ug/l	
22248-79-9	Stirophos	ND	1.9	0.49	ug/l	
107-49-3	TEPP	ND	4.9	1.9	ug/l	
34643-46-4	Tokuthion	ND	1.9	0.49	ug/l	
327-98-0	Trichloronate	ND	1.9	0.49	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
115-86-6	Triphenyl phosphate	76%		55-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SLMW-DUP		
Lab Sample ID:	F58086-4	**Date Sampled:**	06/06/08
Matrix:	AQ - Water	**Date Received:**	06/07/08
Method:	SW846 8141B SW846 3510C	**Percent Solids:**	n/a
Project:	Long Street LF; Ft Bragg, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ01197.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

Organophosphorus Pesticides

CAS No.	Compound	Result	RL	MDL	Units	Q
35400-43-2	Bolstar	ND	1.9	0.49	ug/l	
2921-88-2	Chlorpyrifos	ND	1.9	0.49	ug/l	
56-72-4	Coumaphos	ND	1.9	0.49	ug/l	
8065-48-3	Demeton	ND	3.9	0.97	ug/l	
333-41-5	Diazinon	ND	1.9	0.49	ug/l	
62-73-7	Dichlorvos	ND	1.9	0.49	ug/l	
60-51-5	Dimethoate	ND	1.9	0.49	ug/l	
298-04-4	Disulfoton	ND	1.9	0.49	ug/l	
2104-64-5	EPN	ND	1.9	0.49	ug/l	
13194-48-4	Ethoprop	ND	1.9	0.49	ug/l	
56-38-2	Ethyl Parathion	ND	1.9	0.49	ug/l	
115-90-2	Fensulfothion	ND	1.9	0.49	ug/l	
55-38-9	Fenthion	ND	1.9	0.49	ug/l	
121-75-5	Malathion	ND	1.9	0.49	ug/l	
86-50-0	Methyl Azinphos	ND	1.9	0.49	ug/l	
298-00-0	Methyl Parathion	ND	1.9	0.49	ug/l	
150-50-5	Merphos	ND	4.9	1.9	ug/l	
7786-34-7	Mevinphos	ND	1.9	0.49	ug/l	
6923-22-4	Monocrotophos	ND	4.9	1.9	ug/l	
300-76-5	Naled	ND	1.9	0.97	ug/l	
298-02-2	Phorate	ND	1.9	0.49	ug/l	
3689-24-5	Sulfotep	ND	1.9	0.49	ug/l	
299-84-3	Ronnel	ND	1.9	0.49	ug/l	
22248-79-9	Stirophos	ND	1.9	0.49	ug/l	
107-49-3	TEPP	ND	4.9	1.9	ug/l	
34643-46-4	Tokuthion	ND	1.9	0.49	ug/l	
327-98-0	Trichloronate	ND	1.9	0.49	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
115-86-6	Triphenyl phosphate	79%		55-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

8F1

F58086

42728

AML Analytical Management Laboratories, Inc.
15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

Page 1 of ___

Chain of Custody Record / Request for Analysis

Client Contact Name: JOD SMITH
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W [illegible] AVE
City, State, Zip: SAVANNAH GA 31401
Phone #: (912) 652-5622 Ext:
Fax #: (912) 652-5711
Email:

Project Name: [illegible] LF FT BRAGG
Project Number:
Purchase Order Number: DO 109
Project Due Date:
Project Comments:
Print Sampler's Name: JON COOMBS

Analysis/Method to be Performed (Check all that apply)

Laboratory Project Number:

Specify method # --->

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4°C	ICB	VOCs	SVOCs	Pesticides	PCBs	Herbicides	Metals (specify)	DRO	GRO	Explosives	Anions (specify)	8141					Comments:
1	SLMW-7-5-08	6/06/08	0825	AQ	2							2											2					
2	SLMW-8-5-08	6/06/08	0955	AQ	2							2											2					
3	SLMW-9-5-08	6/06/08	1100	AQ	2							2											2					
4	SLMW-DUP	6/6/08	0800	AQ	2							2											2					
5																												
6																												
7																												
8																												
9																												
10																												

Preservative: List total number of bottles for each preservative type.

Please include any information that may be useful in the analysis of the sample. Example: high concentration, List analytes, MS/MSD

CUSTODY		Date/Time:		Received By:		Date/Time:
Relinquished By:	[signature]	6/06/08 1800		Received By:	JHIPPER	6/06/08 1800
Relinquished By:	FX	Date/Time:		Received By:	J. Coppe	6-7-08 09:30

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form. 1.8

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☐ Courier ____ ☐ Airbill #: ____	☐ Yes ☐ No ☐ Intact ☐ Broken	☐ Ice ☐ Blue Ice ☐ None	____ °C ☐ Temp. Blank ☐ Cooler	

F58086: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F58086 CLIENT: US ARMY CORPS PROJECT: LF FT BRAGG

DATE/TIME RECEIVED: 6-1-08 09:30 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 1.8

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 8425 9197 2950

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET
- [ ] WET ICE RECEIVED IN COOLER

TRIP BLANK INFORMATION

- [ ] TRIP BLANK PROVIDED
- [ ] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [ ] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DOES NOT MATCH LABEL(S)
- [ ] ID'S ON COC DOES NOT MATCH LABEL(S)
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

MISC. INFORMATION

NUMBER OF ENCORES ? ____

NUMBER OF 5035 FIELD KITS ? ____

NUMBER OF LAB FILTERED METALS ? ____

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE: JC 6-1-08 TECHNICIAN SIGNATURE/DATE: [signature] 06/09/08 ASBD 12/17/07

F58086: Chain of Custody

Page 2 of 2

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F58086
Account: AMLKSO Analytical Management Laboratories
Project: Long Street LF; Ft Bragg, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25385-MB	ZZ01194.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71

The QC reported here applies to the following samples: **Method:** SW846 8141B

F58086-1, F58086-2, F58086-3, F58086-4

CAS No.	Compound	Result	RL	MDL	Units	Q
35400-43-2	Bolstar	ND	2.0	0.50	ug/l	
2921-88-2	Chlorpyrifos	ND	2.0	0.50	ug/l	
56-72-4	Coumaphos	ND	2.0	0.50	ug/l	
8065-48-3	Demeton	ND	4.0	1.0	ug/l	
333-41-5	Diazinon	ND	2.0	0.50	ug/l	
62-73-7	Dichlorvos	ND	2.0	0.50	ug/l	
60-51-5	Dimethoate	ND	2.0	0.50	ug/l	
298-04-4	Disulfoton	ND	2.0	0.50	ug/l	
2104-64-5	EPN	ND	2.0	0.50	ug/l	
13194-48-4	Ethoprop	ND	2.0	0.50	ug/l	
56-38-2	Ethyl Parathion	ND	2.0	0.50	ug/l	
115-90-2	Fensulfothion	ND	2.0	0.50	ug/l	
55-38-9	Fenthion	ND	2.0	0.50	ug/l	
121-75-5	Malathion	ND	2.0	0.50	ug/l	
86-50-0	Methyl Azinphos	ND	2.0	0.50	ug/l	
298-00-0	Methyl Parathion	ND	2.0	0.50	ug/l	
150-50-5	Merphos	ND	5.0	2.0	ug/l	
7786-34-7	Mevinphos	ND	2.0	0.50	ug/l	
6923-22-4	Monocrotophos	ND	5.0	2.0	ug/l	
300-76-5	Naled	ND	2.0	1.0	ug/l	
298-02-2	Phorate	ND	2.0	0.50	ug/l	
3689-24-5	Sulfotep	ND	2.0	0.50	ug/l	
299-84-3	Ronnel	ND	2.0	0.50	ug/l	
22248-79-9	Stirophos	ND	2.0	0.50	ug/l	
107-49-3	TEPP	ND	5.0	2.0	ug/l	
34643-46-4	Tokuthion	ND	2.0	0.50	ug/l	
327-98-0	Trichloronate	ND	2.0	0.50	ug/l	

CAS No.	Surrogate Recoveries		Limits
115-86-6	Triphenyl phosphate	74%	55-128%

Blank Spike Summary

Job Number: F58086
Account: AMLKSO Analytical Management Laboratories
Project: Long Street LF; Ft Bragg, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25385-BS	ZZ01193.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71

The QC reported here applies to the following samples: **Method:** SW846 8141B

F58086-1, F58086-2, F58086-3, F58086-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
35400-43-2	Bolstar	5	4.3	86	58-119
2921-88-2	Chlorpyrifos	5	4.4	88	56-117
56-72-4	Coumaphos	5	4.4	88	56-129
8065-48-3	Demeton	10	7.7	77	54-114
333-41-5	Diazinon	5	4.8	96	57-122
62-73-7	Dichlorvos	5	3.7	74	58-111
298-04-4	Disulfoton	5	4.3	86	62-117
13194-48-4	Ethoprop	5	4.3	86	55-118
115-90-2	Fensulfothion	5	3.1	62	51-135
55-38-9	Fenthion	5	3.8	76	60-119
86-50-0	Methyl Azinphos	5	4.5	90	60-131
298-00-0	Methyl Parathion	5	4.9	98	62-125
150-50-5	Merphos	5	1.7	34 [a]	15-131
7786-34-7	Mevinphos	5	3.5	70	46-129
300-76-5	Naled	5	4.3	86	10-135
298-02-2	Phorate	5	4.2	84	61-118
299-84-3	Ronnel	5	4.5	90	58-116
22248-79-9	Stirophos	5	4.7	94	65-120
34643-46-4	Tokuthion	5	4.6	92	58-119
327-98-0	Trichloronate	5	5.2	104	58-134

CAS No.	Surrogate Recoveries	BSP	Limits
115-86-6	Triphenyl phosphate	90%	55-128%

(a) Calculated as Merphos Oxone.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F58086
Account: AMLKSO Analytical Management Laboratories
Project: Long Street LF; Ft Bragg, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25385-MS	ZZ01206.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71
OP25385-MSD	ZZ01207.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71
F58107-2	ZZ01199.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71

The QC reported here applies to the following samples: **Method:** SW846 8141B

F58086-1, F58086-2, F58086-3, F58086-4

CAS No.	Compound	F58107-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
35400-43-2	Bolstar	ND		9.62	7.6	79	7.9	82	4	58-119/10
2921-88-2	Chlorpyrifos	ND		9.62	7.7	80	8.0	83	4	56-117/16
56-72-4	Coumaphos	ND		9.62	8.2	85	8.3	86	1	56-129/11
8065-48-3	Demeton	ND		19.2	14.2	74	14.6	76	3	54-114/17
333-41-5	Diazinon	ND		9.62	8.4	87	8.8	92	5	57-122/15
62-73-7	Dichlorvos	ND		9.62	6.4	67	6.9	72	8	58-111/17
298-04-4	Disulfoton	ND		9.62	7.9	82	8.1	84	2	62-117/20
13194-48-4	Ethoprop	ND		9.62	7.8	81	8.2	85	5	55-118/15
115-90-2	Fensulfothion	ND		9.62	6.8	71	6.0	62	13	51-135/30
55-38-9	Fenthion	ND		9.62	6.7	70	6.9	72	3	60-119/13
86-50-0	Methyl Azinphos	ND		9.62	8.2	85	8.2	85	0	60-131/16
298-00-0	Methyl Parathion	ND		9.62	8.1	84	8.0	83	1	62-125/16
150-50-5	Merphos	ND		9.62	3.3	33	3.3	33	0	15-131/21
7786-34-7	Mevinphos	ND		9.62	7.0	73	6.6	69	6	46-129/23
300-76-5	Naled	ND		9.62	7.4	77	7.4	77	0	10-135/22
298-02-2	Phorate	ND		9.62	7.6	79	7.9	82	4	61-118/17
299-84-3	Ronnel	ND		9.62	8.3	86	8.6	89	4	58-116/14
22248-79-9	Stirophos	ND		9.62	8.1	84	8.3	86	2	65-120/13
34643-46-4	Tokuthion	ND		9.62	8.2	85	8.4	87	2	58-119/11
327-98-0	Trichloronate	ND		9.62	8.5	88	8.6	89	1	58-134/16

CAS No.	Surrogate Recoveries	MS	MSD	F58107-2	Limits
115-86-6	Triphenyl phosphate	82%	83%	74%	55-128%

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

June 27, 2008

Mr. Judson Smith
Project Chemist, CESAS-EN-GG
U.S. Army Corps of Engineers, Savannah District
100 W. Oglethorpe Ave.
P. O. Box 889
Savannah, GA 31401-0360
Phone: 912-652-5673
Fax: 912-652-5311

Dear Mr. Smith:

RE: Ft. Bragg Lamont Landfill, DO# 0109
W912HN-05-D-0013
AML Work Order Number: **0806030**

Attached, please find the hardcopy analytical report (62 total pages) for environmental samples collected by CESAS for the project described above. The analytical results included in this report relate only to the samples received by Analytical Management Laboratories (AML). Problems encountered in the analysis of these samples are documented in the laboratory case narrative observations and non-conformances and/or data qualifiers. The case narrative is an integral part of this report. This report has been paginated and may not be reproduced for distribution, except in full, without the written approval of AML. Results are reported to three significant figures; the third significant figure may be estimated. Please feel free to contact me by phone (913-829-0101-ext. 23), fax (913-829-1181) or email (mharris@amlabinc.com) if you have any questions.

Respectfully Submitted,
Analytical Management Laboratories, Inc.

Melania Harris
Project Manager

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Case Narrative

Project and Sample Information

Task order information, completed copies of the chain of custody form(s), and Analytical Management Laboratories (AML) sample condition upon receipt form (s) are included in the Project and Sample Information section. The AML laboratory information management system (LIMS)-generated sample status and receipt report, showing field sample identifiers and corresponding laboratory identifiers is also included.

Reports

The hardcopy laboratory reports and electronic data deliverables (EDDs) were prepared using the Promium Element Data System (LIMS). Under the procedure used by the laboratory, the hardcopy reports are generated using information contained in a database, which is also used to generate electronic deliverables to assure data integrity between the two media. The attached report is organized as follows:

Cover Letter
Laboratory Case Narrative
Sample Information
Sample Result Forms, organized in the following order: by test and by sample.

Quality Control (QC) Summary Reports, organized in the following order: by test, by matrix, and by QC batch number. The QC Summary for each analytical batch contains the following, when applicable:

1. QC Association Form
2. Surrogate Recovery Summary, when applicable
3. Method Blank (MB) Results
4. Laboratory Control Sample (LCS) Results
5. LCS duplicate (LCSD) Results, when available
6. LCS Recoveries Summary
7. LCSD (when applicable) Recoveries and RPD Summary
8. Matrix Spike (MS) Results
9. MS duplicate (MSD) Results
10. MS Recoveries Summary
11. MSD Recoveries and RPD Summary

Sample Result Forms
Sample results are shown on modified Form 1 equivalents with the following qualifiers:
U = Not detected or detected below method detection limit (MDL) or the limit of detection (LOD).
J = Detected above MDL or LOD but below the limit of quantitation (LOQ).

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

P = RPD >40% between primary and confirmation column results for dual column chromatographic methods (e.g. GC and HPLC methods).
E = Detected at levels in excess of the upper calibration limit.
B = Detected in the associated method blank
Q1 = The %D or %Drift for the associated CCV is outside the method and/or laboratory established QC limit with a high bias.
Q2 = The %D or %Drift for the associated CCV is outside the method and/or laboratory established QC limit with a low bias.
* = Exceeds QC limits
ME = Marginal exceedence of the 3-sigma QC limits
ME* = Exceedence of the 4-sigma QC limits
X = as defined in the case narrative when utilized

The LODs and LOQs have been adjusted for sample weight or volume, dilution, and percent solids, when applicable. MDLs are statistically defined, instrument-specific quantities, which are used as LODs for some tests. For situations when multiple MDLs exist for a test (e.g several instruments running the same test on a given matrix) or when MDLs are unachievable on a routine basis, LODs, which may be greater than MDL but typically one-half of the applicable LOQs are used to define cut-off points for reporting positive results. The LOQs are typically the lowest point on the initial calibration curve.

Quantitative results for analytes detected in the sample (positive results) are shown under the column labeled "Result". Results coded with the qualifier E should not be used unless additional analyses were unavailable due to other limitations. Data coded as E should not be compared to other data since non-linearity in calibration may be a severe problem for some analytes. Multiple sample result forms may be provided for one or more of the following reasons:
Sample was reanalyzed for surrogate or internal standard recovery outliers;
Sample was reanalyzed at a dilution;
One of the analyses was performed outside holding times;
A replicate analysis was performed for other quality control purposes;
Client requirements

QC Association Forms

The list consisting of MB, LCS, LCSD (if any), MS (whenever available), MSD (whenever available), and field samples from the reported AML work order that are associated with each QC batch are shown on QC Association Forms. Additional items such as PDS, SD may be included for some parameters (e.g metals). Separate forms are included for each QC batch, for each matrix and test.

Surrogate Recovery Forms

A summary of the system monitoring compound recoveries for organic analyses is included in this section. The QC limits from the Department of Defense Quality Systems Manual for Environmental Laboratories, Final Version 3, January 2006 is used in the reports, when available.

Method-specified limits or in-house limits are used as applicable. Corrective action involving re-extraction and/or reanalysis is performed for samples that exceed the surrogate QC limits.

Method Blank Result Forms

The QC limit for the Method Blank is set at one half of the applicable LOQ for each target analyte with the exception of common laboratory contaminants, which is set at the LOQ.

Laboratory Control Sample (LCS) Report Forms

Laboratory control samples were analyzed with each QC batch as described in the QC Association Form. Laboratory Control sample limits are set as a default to the DOD QSM limits when available. When the 3-sigma control limit is exceeded for any analyte, the LCS report is flagged "ME". The total number of method analytes, and the number of ME analytes are tracked and compared against the number allowed per NELAC and the DOD QSM. This information is summarized at the bottom of the recoveries summary reports. Analytes with LCS recoveries that exceed the 4-sigma limits are flagged ME* and reanalysis may be required for the affected analyte if it is a contaminant of concern. The relative percent differences (RPDs) for the LCS duplicates, a voluntary laboratory QC parameter, are computed to track in-house precision for method duplicates.

Matrix Spike/Matrix Spike Duplicate Recoveries Report Forms

The MS/MSD results are shown in Form-1 equivalents. See section on LCS for additional details. The RPDs for MS duplicates that are outside the applicable QC limits are flagged with an asterisk (*). The effect of matrix is taken into account in determining corrective action procedures based on MS and MSD results, recoveries, and RPD.

Calibration

Instruments were calibrated in accordance with applicable method. Deviations are noted as a non-conformance. Copies of initial calibration and calibration verification summaries and associated raw data will be maintained in laboratory files and made available for detailed client review.

Test Methods and Holding Times

Analyses were performed within applicable holding times except as noted on sample reports. See parameter specific non-conformances for more information.

Batch-specific Quality Control Procedures

Quality control data from method blanks and laboratory control samples are used as batch QC elements. In accordance with EPA, USACE, and DoD guidelines, QC data from matrix spikes are used as matrix-specific QC elements and QC data from surrogates, internal standard areas, etc. are used as sample-specific QC elements. When the batch QC elements are outside their QC limits, results for associated samples are evaluated and corrective actions that affect the entire sample set are performed.

Matrix-specific or Sample-specific Quality Control Procedures

Sample concentrations exceeding the upper calibration limit, surrogate recoveries outside the QC limits, calibration parameters not within QC limits, etc. are used as sample-specific and/or sample-group specific QC elements for one or more associated samples during instrumental analysis. Serial dilution, standard addition, MS recoveries, etc. are used as matrix-specific QC elements for one or more associated samples. When these QC elements are outside their QC limits, associated individual sample results are evaluated and appropriate corrective actions are performed.

Manual Integration

Manual integration operations that have potential to improve accuracy of analysis are performed, as necessary (shown with an “M” flag on raw data) based on visual inspection of peak shapes for each target analyte. Such operations are technically defensible and they are not aimed at meeting the minimum technical requirements of the analytical procedure.

Statement

To the best of our knowledge, this data package is in compliance with the client terms and conditions, both technically and for completeness. Non-conformances are listed in the case narrative and/or data qualifiers for each parameter tested.

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Project Information

Two (2) samples were received by AML on June 7, 2008 and logged in according to the Sample Status and Receipt Report included in this report. Reference the chain of custody and Sample Condition upon receipt Report for any non-conformances on receipt condition and temperature upon receipt.

Observations and Non-Conformances

Volatiles by method 8260B

Batch P806153 - Acrolein and Vinyl Acetate were outside the laboratory established 20% Drift/Difference biased high for the Continuing Calibration Verification and have been "Q1" flagged. Compounds are flagged to inform the user of the data that compounds fell outside the 20% criteria. All SPCC/CCC compounds were within QC limits indicating a valid CCV. These compounds were not found in project samples.

Batch P806153 – LCS/LCSD has Vinyl acetate outside marginal exceedence limits biased high, this is within the allowed number of marginal exceedences.

Batch P806170 - Bromomethane was outside the laboratory established 20% Drift/Difference biased high for the Continuing Calibration Verification and has been "Q2" flagged. Compounds are flagged to inform the user of the data that compounds fell outside the 20% criteria. All SPCC/CCC compounds were within QC limits indicating a valid CCV. This compound was not found in project samples.

Batch P806170 – MS1/MSD1 recoveries were outside QC limits for multiple compounds as flagged on the MS/MSD summary reports. QC failures are attributed to potential matrix interference. LCS/LCSD was within the allowed number of marginal exceedences.

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Field Sample Information

(Chain of Custody Record, Sample Receipt Report, Condition Upon Receipt Report)

0806030

(Sample Delivery Group, SDG)

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS

OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, AND 30

1. REQUISITION NUMBER: W33SJG81226549

2. CONTRACT NO.	3. AWARD/EFFECTIVE DATE	4. ORDER NUMBER	5. SOLICITATION NUMBER	6. SOLICITATION ISSUE DATE
W912HN-05-D-0013	13-May-2008	0109		

7. FOR SOLICITATION INFORMATION CALL:	a. NAME	b. TELEPHONE NUMBER (No Collect Calls)	8. OFFER DUE DATE/LOCAL TIME

9. ISSUED BY — CODE W912HN

US ARMY ENGINEER DISTRICT SAVANNAH
100 W OGLETHORPE AVENUE
SAVANNAH GA 31401-3640

TEL:
FAX:

10. THIS ACQUISITION IS
- [ ] UNRESTRICTED
- [X] SET ASIDE: 100 % FOR
  - [ ] SMALL BUSINESS
  - [ ] HUBZONE SMALL BUSINESS
  - [X] 8(A)

NAICS: 541380
SIZE STANDARD: $5 million

11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED
- [ ] SEE SCHEDULE

12. DISCOUNT TERMS: Net 30 Days

- [ ] 13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)

13b. RATING

14. METHOD OF SOLICITATION
- [ ] RFQ
- [ ] IFB
- [ ] RFP

15. DELIVER TO — CODE K6L0NE0
EN-GG GEO/HYDROG & HTRW DESIGN
100 W. OGLETHORPE AVE PO BOX 889
SAVANNAH GA 31402

16. ADMINISTERED BY — CODE

SEE ITEM 9

17a. CONTRACTOR/OFFEROR — CODE 1LE38

ANALYTICAL MANAGEMENT LABS, INC
TENKAFI VISWANATHAN
15130 SOUTH KEELER, SUITE B
OLATHE KS 66062

TEL. (913) 829-0101 EXT 26 — FACILITY CODE

18a. PAYMENT WILL BE MADE BY — CODE DFAS

US ARMY CORPS OF ENGRS FINANCE CENTER
CEFC-AO-P
5720 INTEGRITY DRIVE
MILLINGTON TN 38054-5005

- [ ] 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER

18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a. UNLESS BLOCK BELOW IS CHECKED [ ] SEE ADDENDUM

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	SEE SCHEDULE				

25. ACCOUNTING AND APPROPRIATION DATA

See Schedule

26. TOTAL AWARD AMOUNT (For Govt. Use Only)

$24,791.10

- [ ] 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1. 52.212-4. FAR 52.212-3. 52.212-5 ARE ATTACHED. ADDENDA [ ] ARE [ ] ARE NOT ATTACHED
- [ ] 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA [ ] ARE [ ] ARE NOT ATTACHED

28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 0 COPIES
- [ ] TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN

29. AWARD OF CONTRACT: REFERENCE
- [ ] OFFER DATED . YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:

30a. SIGNATURE OF OFFEROR/CONTRACTOR

31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER)

Elaine D Parker

31c. DATE SIGNED: 16-May-2008

30b. NAME AND TITLE OF SIGNER (TYPE OR PRINT)

30c. DATE SIGNED

31b. NAME OF CONTRACTING OFFICER (TYPE OR PRINT)

LANEY PARKER / CONTRACT SPECIALIST

TEL: 913/652-5654 EMAIL: elaine.d.parker@usace.army.mil

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS (CONTINUED)		PAGE 2 OF 4

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	SEE SCHEDULE				

32a. QUANTITY IN COLUMN 21 HAS BEEN

☐ RECEIVED ☐ INSPECTED ☐ ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: _____

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32c. DATE	32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE
32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE		32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE 32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE

33. SHIP NUMBER PARTIAL FINAL	34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT ☐ COMPLETE ☐ PARTIAL ☐ FINAL	37. CHECK NUMBER

38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NUMBER	40. PAID BY

41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT		42a. RECEIVED BY *(Print)*	
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER	41c. DATE	42b. RECEIVED AT *(Location)*	
		42c. DATE REC'D *(YY/MM/DD)*	42d. TOTAL CONTAINERS

Section SF 1449 - CONTINUATION SHEET

CLIN	Description	Qty	U/I	U/P	TOTAL
0004AG	Organochlorine Pesticides by GC (EPA 8081A), Includes Separatory Extraction (EPA 3510C) and Florisil Cleanup (EPA 3620B), Aqueous	14	ea	$ 160.00	$ 2,240.00
0004AJ	Polychlorinated Biphenyls (PCBs) (EPA 8082) Includes Separatory Extraction (EPA 3510C) and Florisil Cleanup (EPA 3620B), Aqueous	14	ea	$ 135.00	$ 1,890.00
0004AP	Organophosphorous Pesticides by GC (EPA 8141A), Includes Separatory Extraction (EPA 3510C), Aqueous	14	ea	$ 175.00	$ 2,450.00
0004AT	Volatile Organic Compounds (EPA 8260B) Includes Purge and Trap (EPA 5030B), Aqueous	33	ea	$ 180.00	$ 5,940.00
0004AX	Semi-Volatile Organic Compounds (SVOCs) by GC/MS (EPA 8270C) Includes Separatory Extraction (EPA 3510C), Aqueous	14	ea	$ 330.00	$ 4,620.00
0005AB	Appendix I Metals (40 CFR 258) Includes Sample Preparation, Aqueous	19	ea	$ 125.00	$ 2,375.00
0006AB	Appendix II Inorganics (40 CFR 258) Includes Sample Preparation, Aqueous	14	ea	$ 235.00	$ 3,290.00
0010AD	Metals by ICP/MS per Metal (EPA 6020A) Includes Preparation (Al, Sb, As, Ba, Be, B, Cd, Ca, Ce, Cs, Cr, Co, Cu, Au, Fe, Pb, Li, Mg, Mn, Hg, Mo, Ni, Pd, P, Pt, K, Fe, Si, Ag, Se, Na, Sr, Tl, Sn, Ti, U, V, and Zn), Aqueous	8	ea	$ 30.00	$ 240.00
0010BE	Standard Method 3030C, Aqueous	41	ea	$ 10.00	$ 410.00
0010CR	Nitrate (EPA 352.1), Aqueous	34	ea	$ 25.00	$ 850.00
0014AB	PDF Copy of Final Report	1	LS	2%	$ 486.10
				TOTAL	$ 24,791.10

Testing and Analysis for Longstreet/Lamont Landfill at Ft Bragg, NC

1. The quantities listed above are estimated, however, the total amount of this Task Order shall not exceed $24,791.10

2. ACCOUNTING DATA:
   21 NA 2008 2020.0000 K6 2008 08 8021 13105615000 09133 3230 94KF8K NA LKH435

3. Receipt of this Task Order is YOUR NOTICE TO PROCEED.

4. Bottles/Coolers and trip blanks will be ordered as needed. Sample containers are required by 15 May 2008. Five sets of trip blank are required. Delivery of sample bottles and coolers will be coordinated by Savannah District's CESAS-EN-GG/Judson Smith/912-652-5673 or John Coombs/912-652-5671 . Work will be completed by 30 September 2008.

5. Reports due: 3 weeks after receipt of samples.

6. Reports and Invoices are to be sent to:
   US Army Corps of Engineers, Savannah District
   ATTN: CESAS-EN-GG/Judson Smith
   P.O. Box 889 (31402-0889)
   100 W. Oglethorpe Ave.
   Savannah, GA 31401

7. Chemist: Judson Smith: 912-652-5673.

AML
Analytical Management Laboratories, Inc.
15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

42723

Page 1 of ____

Chain of Custody Record / Request for Analysis

Client Contact Name: JUD SMITH
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W OGLETHORPE AVE
City, State, Zip: SAVANNAH GA 31401
Phone #: (912) 652-5073 Ext:
Fax #: (912) 652-5311
Email:

Project Name: LAMOTTE LF FT BRAGG
Project Number:
Purchase Order Number: DO 109
Project Due Date:
Project Comments:
Print Sampler's Name: JON COOMBS

Laboratory Project Number: 0806030

Analysis/Method to be Performed (Check all that apply)

Specify method # ---> R26

Preservative: List total number of bottles for each preservative type.

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4°C	VOCs	SVOCs	Pesticides	PCBs	Herbicides	Metals (specify)	DRO	GRO	Explosives	Anions (specify)	Comments
0806030-01	LMW-6-5-08	6/05/08	1130	AQ	3	3						3										
0806030-02	LMW-7-5-08	6/5/08	1600	AQ	3	3						3										DEL @ 0925 1600

Please include any information that may be useful in the analysis of the sample.
Example: high concentration
List analytes
MS/MSD

CUSTODY		Date/Time		Received By:		Date/Time:	
Relinquished By:		6/06/08 1800		Received By:	SHIPPED	Date/Time:	6/06/08 1800
Relinquished By:		Date/Time:		Received By:		Date/Time:	6/7/08 1230pm

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier Fedex ☐ Airbill #: 8425 9197 2949	☑ Yes ☐ No ☐ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	2.0 °C ☐ Temp. Blank ☑ Cooler	AML 106

Analytical Management Laboratories - Sample Status and Receipt Report

AML Project Number	0806030	**Client AML ID**	USACE Savannah	**Report Lvl.** 3
Work Order Due Date	06/21/08	**Client Project ID**	Lamont Landfill, Ft Bragg, NC, DO# 109	
Work Order TAT	14			

AML Sample	*Matrix*	Client Sample ID	Date Collected	Projected Analytical Due Date	Analysis	Comments
0806030-01	Water	LMW-6-5-08	06/05/08 11:30	06/19/08	VOCs by 8260B	
0806030-02	Water	LMW-7-5-08	06/05/08 16:00	06/19/08	VOCs by 8260B	

Analytical Management Laboratories, Inc.

AML - Sample Condition Upon Receipt Report
(See Comments for exceptions)

Client ID: USACE_Sav

Project ID: Lamont Landfill, Ft Bragg, NC, DO#

AML Work Order Number: 0806030

Cooler ID: AML106

Delivery Method

Delivery Method: Fed Ex

Name of Person Receiving Samples: Nissa Said

Airbill Number: 842591972949

Custody Seals

Were Custody Seals Present? Yes

Were Custody Seals Intact? Yes

Cooler Opened By: Nissa Said

Date Opened 6/7/2008

Packaging / Coolant / Temperature

Type of Coolant Used: Ice

Temperature of Cooler: 2.00°C

Type of Packing Used: Bubble Wrap

Did all the bottles arrive unbroken? Yes

Were all bottles sealed in separate plastic bags? Yes

Chain of Custody

Was Chain of Custody filled out properly? Yes

Do Chain of Custody and Sample Labels agree? Yes

Comments/ Exceptions

Were all sample labels complete? Yes

Was a sufficient amount of sample sent for analysis? Yes

Were samples received in proper containers? Yes

Were air bubbles absent in VOA samples? Yes

Was sample pH within QC limits? Yes
(if no see comments)

Was project manager contacted about any "out of control" issues? Yes

Samples Received by: Nissa Said

Project Manager Review: [illegible]

Date: 6/10/08

Field Sample Analysis Data Sheets

(Form I equivalents)

0806030

(Sample Delivery Group, SDG)

8260B

(Parameter)

P806153
P806170

(Analytical Batch)

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-6-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806030-01
% Solids:	NA	Date Collected:	06/05/08 11:30
Analytical Method:	8260B	Date Analyzed:	06/09/08 20:34
Preparation:	EPA 5030B	Date Received:	06/07/08 12:30
Batch:	P806153	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	0.830	ug/L	J	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane	1.22	ug/L	J	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	Q1, U	1.00	10.0	1
67-64-1	Acetone	4.69	ug/L	J	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	Q1, U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
74-88-4	Iodomethane		ug/L	U	0.500	2.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-6-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806030-01
% Solids:	NA	Date Collected:	06/05/08 11:30
Analytical Method:	8260B	Date Analyzed:	06/09/08 20:34
Preparation:	EPA 5030B	Date Received:	06/07/08 12:30
Batch:	P806153	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-7-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806030-02
% Solids:	NA	Date Collected:	06/05/08 16:00
Analytical Method:	8260B	Date Analyzed:	06/10/08 15:39
Preparation:	EPA 5030B	Date Received:	06/07/08 12:30
Batch:	P806170	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	Q2, U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone	282	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LMW-7-5-08
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806030-02
% Solids:	NA	Date Collected:	06/05/08 16:00
Analytical Method:	8260B	Date Analyzed:	06/10/08 15:39
Preparation:	EPA 5030B	Date Received:	06/07/08 12:30
Batch:	P806170	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806030

(Sample Delivery Group, SDG)

8260B

(Parameter)

P806153

(Analytical Batch)

Quality Control Association Form

Lab Name:	Analytical Management Laboratories, Inc.	**Fraction:**	VOA_GCMS
QC Batch:	P806153	**Method:**	8260B

Date Analyzed	Lab Sample ID	Original Sample	Sample Type	Project Number
6/9/08	0806030-01		SAMPLE	0806030
6/9/08	P806153-BLK1		Method Blank	0806030
6/9/08	P806153-BS1		LCS	0806030
6/9/08	P806153-BSD1		LCS Dup	0806030

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806153

LMW-6-5-08 (0806030-01)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	107	85	115	
1,2-Dichloroethane-d4	105	70	120	
Toluene-d8	105	85	120	
4-Bromofluorobenzene	113	75	120	

Blank (P806153-BLK1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	107	85	115	
1,2-Dichloroethane-d4	106	70	120	
Toluene-d8	105	85	120	
4-Bromofluorobenzene	112	75	120	

LCS (P806153-BS1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	105	85	115	
1,2-Dichloroethane-d4	105	70	120	
Toluene-d8	105	85	120	
4-Bromofluorobenzene	116	75	120	

LCS Dup (P806153-BSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	103	85	115	
1,2-Dichloroethane-d4	105	70	120	
Toluene-d8	102	85	120	
4-Bromofluorobenzene	117	75	120	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806153-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/09/08 16:46
Preparation:	EPA 5030B	Date Received:	
Batch:	P806153		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	Q1, U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	Q1, U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
74-88-4	Iodomethane		ug/L	U	0.500	2.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806153-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/09/08 16:46
Preparation:	EPA 5030B	Date Received:	
Batch:	P806153		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806153-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/09/08 15:10
Preparation:	EPA 5030B	Date Received:	
Batch:	P806153		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	25.7	ug/L		0.200	2.00	1
74-87-3	Chloromethane	24.9	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	25.8	ug/L		0.200	2.00	1
74-83-9	Bromomethane	28.1	ug/L		0.200	2.00	1
75-00-3	Chloroethane	27.8	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	30.0	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	29.9	ug/L		0.200	2.00	1
107-02-8	Acrolein	158	ug/L	Q1	1.00	10.0	1
67-64-1	Acetone	148	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	27.0	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	22.9	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	25.0	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	26.6	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	31.5	ug/L	Q1	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	28.2	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	25.2	ug/L		0.200	2.00	1
78-93-3	2-Butanone	123	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	27.0	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	29.2	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	25.2	ug/L		0.200	2.00	1
67-66-3	Chloroform	26.8	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	28.0	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	27.7	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	30.0	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	28.8	ug/L		0.200	2.00	1
71-43-2	Benzene	26.2	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	27.4	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	24.4	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	25.9	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	28.0	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	27.6	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	132	ug/L		2.00	10.0	1
108-88-3	Toluene	26.5	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	28.9	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	24.2	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	21.8	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	20.4	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	111	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	24.6	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	22.2	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	20.9	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.2	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	21.5	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	44.8	ug/L		0.400	4.00	1
74-88-4	Iodomethane	22.5	ug/L		0.500	2.00	1
95-47-6	o-Xylene	21.8	ug/L		0.200	2.00	1
100-42-5	Styrene	21.8	ug/L		0.200	2.00	1
75-25-2	Bromoform	25.4	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	21.9	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	23.9	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806153-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/09/08 15:10
Preparation:	EPA 5030B	Date Received:	
Batch:	P806153		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane	20.6	ug/L		0.200	2.00	1
108-86-1	Bromobenzene	20.9	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	22.0	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	22.3	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	23.9	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	21.5	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	21.3	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	21.3	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	23.3	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	20.6	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	20.8	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	20.7	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	22.7	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	22.7	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	22.2	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	22.4	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	22.6	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	22.2	ug/L		0.200	2.00	1
91-20-3	Naphthalene	22.5	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806153-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/09/08 15:42
Preparation:	EPA 5030B	Date Received:	
Batch:	P806153		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	25.3	ug/L		0.200	2.00	1
74-87-3	Chloromethane	24.9	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	25.3	ug/L		0.200	2.00	1
74-83-9	Bromomethane	21.2	ug/L		0.200	2.00	1
75-00-3	Chloroethane	27.4	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	29.0	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	29.4	ug/L		0.200	2.00	1
107-02-8	Acrolein	158	ug/L	Q1	1.00	10.0	1
67-64-1	Acetone	153	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	26.6	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	23.1	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	25.0	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	26.1	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	32.0	ug/L	Q1	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	30.0	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	24.9	ug/L		0.200	2.00	1
78-93-3	2-Butanone	128	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	26.9	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	28.6	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	26.1	ug/L		0.200	2.00	1
67-66-3	Chloroform	26.5	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	27.7	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	27.3	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	29.1	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	29.0	ug/L		0.200	2.00	1
71-43-2	Benzene	25.8	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	26.0	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	24.6	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	26.9	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	28.0	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	27.6	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	140	ug/L		2.00	10.0	1
108-88-3	Toluene	26.4	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	29.8	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	25.5	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	23.3	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	20.6	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	122	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	26.0	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	24.0	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	21.4	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.8	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	21.7	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	45.8	ug/L		0.400	4.00	1
74-88-4	Iodomethane	20.7	ug/L		0.500	2.00	1
95-47-6	o-Xylene	22.3	ug/L		0.200	2.00	1
100-42-5	Styrene	22.3	ug/L		0.200	2.00	1
75-25-2	Bromoform	27.2	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	22.2	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	24.4	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806153-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/09/08 15:42
Preparation:	EPA 5030B	Date Received:	
Batch:	P806153		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane	21.9	ug/L		0.200	2.00	1
108-86-1	Bromobenzene	21.1	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	21.8	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	22.1	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	24.0	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	21.3	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	21.5	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	21.2	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	23.4	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	20.8	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	21.1	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	21.2	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	22.4	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	22.4	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	24.3	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	22.9	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	23.4	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	21.9	ug/L		0.200	2.00	1
91-20-3	Naphthalene	23.7	ug/L		0.400	2.00	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806153

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806153-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Dichlorodifluoromethane	25.0	25.7	103		30	155
Chloromethane	25.0	24.9	99.5		40	125
Vinyl chloride	25.0	25.8	103		50	145
Bromomethane	25.0	28.1	113		30	145
Chloroethane	25.0	27.8	111		60	135
Trichlorofluoromethane	25.0	30.0	120		60	145
1,1-Dichloroethene	25.0	29.9	120		70	130
Acrolein	125	158	126		54	142
Acetone	125	148	119		40	140
Acrylonitrile	25.0	27.0	108		71	129
Carbon disulfide	25.0	22.9	91.5		35	160
Methylene Chloride	25.0	25.0	100		55	140
trans-1,2-Dichloroethene	25.0	26.6	106		60	140
Vinyl acetate	25.0	31.5	126	ME	72	121
Methyl tert-Butyl Ether	25.0	28.2	113		65	125
1,1-Dichloroethane	25.0	25.2	101		70	135
2-Butanone	125	123	98.8		30	150
cis-1,2-Dichloroethene	25.0	27.0	108		70	125
2,2-Dichloropropane	25.0	29.2	117		70	135
Bromochloromethane	25.0	25.2	101		65	130
Chloroform	25.0	26.8	107		65	135
1,1,1-Trichloroethane	25.0	28.0	112		65	130
1,1-Dichloropropene	25.0	27.7	111		75	130
Carbon Tetrachloride	25.0	30.0	120		65	140
1,2-Dichloroethane	25.0	28.8	115		70	130
Benzene	25.0	26.2	105		80	120
Trichloroethene	25.0	27.4	109		70	125
1,2-Dichloropropane	25.0	24.4	97.8		75	125
Dibromomethane	25.0	25.9	104		75	125
Bromodichloromethane	25.0	28.0	112		75	120
cis-1,3-Dichloropropene	25.0	27.6	110		70	130
4-Methyl-2-pentanone	125	132	106		60	135
Toluene	25.0	26.5	106		75	120
trans-1,3-Dichloropropene	25.0	28.9	116		55	140
1,1,2-Trichloroethane	25.0	24.2	96.8		75	125
1,3-Dichloropropane	25.0	21.8	87.0		75	125
Tetrachloroethene	25.0	20.4	81.8		45	150
2-Hexanone	125	111	89.1		55	130
Dibromochloromethane	25.0	24.6	98.5		60	135
1,2-Dibromoethane	25.0	22.2	88.9		80	120
Chlorobenzene	25.0	20.9	83.8		80	120
1,1,1,2-Tetrachloroethane	25.0	24.2	96.7		80	130
Ethylbenzene	25.0	21.5	86.0		75	125
m-Xylene/p-Xylene	50.0	44.8	89.6		75	130
Iodomethane	25.0	22.5	90.0		57	145
o-Xylene	25.0	21.8	87.0		80	120
Styrene	25.0	21.8	87.3		65	135
Bromoform	25.0	25.4	102		70	130
Isopropylbenzene	25.0	21.9	87.5		75	125
1,2,3-Trichloropropane	25.0	23.9	95.6		75	125
1,1,2,2-Tetrachloroethane	25.0	20.6	82.6		65	130
Bromobenzene	25.0	20.9	83.8		75	125
n-Propylbenzene	25.0	22.0	88.2		70	130
2-Chlorotoluene	25.0	22.3	89.2		75	125

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806153

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806153-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
4-Chlorotoluene	25.0	23.9	95.6		75	130
1,3,5-Trimethylbenzene	25.0	21.5	85.9		75	130
tert-Butylbenzene	25.0	21.3	85.3		70	130
1,2,4-Trimethylbenzene	25.0	21.3	85.2		75	130
sec-Butylbenzene	25.0	23.3	93.4		70	125
1,3-Dichlorobenzene	25.0	20.6	82.4		75	125
1,4-Dichlorobenzene	25.0	20.8	83.1		75	125
1,2-Dichlorobenzene	25.0	20.7	82.6		70	120
4-Isopropyltoluene	25.0	22.7	90.7		75	130
n-Butylbenzene	25.0	22.7	90.8		70	135
1,2-Dibromo-3-chloropropane	25.0	22.2	88.8		50	130
1,2,4-Trichlorobenzene	25.0	22.4	89.7		65	135
1,2,3-Trichlorobenzene	25.0	22.6	90.2		55	140
Hexachlorobutadiene	25.0	22.2	88.7		50	140
Naphthalene	25.0	22.5	90.0		55	140

Actual Number of Marginal Exceedences: 1

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 69

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806153

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806153-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Dichlorodifluoromethane	25.0	25.3	101		30	155	1.76
Chloromethane	25.0	24.9	99.5		40	125	0.00
Vinyl chloride	25.0	25.3	101		50	145	1.88
Bromomethane	25.0	21.2	84.9		30	145	28.0
Chloroethane	25.0	27.4	110		60	135	1.23
Trichlorofluoromethane	25.0	29.0	116		60	145	3.43
1,1-Dichloroethene	25.0	29.4	118		70	130	1.62
Acrolein	125	158	127		54	142	0.291
Acetone	125	153	123		40	140	3.30
Acrylonitrile	25.0	26.6	106		71	129	1.64
Carbon disulfide	25.0	23.1	92.2		35	160	0.827
Methylene Chloride	25.0	25.0	100		55	140	0.00
trans-1,2-Dichloroethene	25.0	26.1	105		60	140	1.82
Vinyl acetate	25.0	32.0	128	ME	72	121	1.45
Methyl tert-Butyl Ether	25.0	30.0	120		65	125	5.88
1,1-Dichloroethane	25.0	24.9	99.5		70	135	1.08
2-Butanone	125	128	102		30	150	3.37
cis-1,2-Dichloroethene	25.0	26.9	108		70	125	0.334
2,2-Dichloropropane	25.0	28.6	114		70	135	2.28
Bromochloromethane	25.0	26.1	104		65	130	3.43
Chloroform	25.0	26.5	106		65	135	1.27
1,1,1-Trichloroethane	25.0	27.7	111		65	130	1.15
1,1-Dichloropropene	25.0	27.3	109		75	130	1.31
Carbon Tetrachloride	25.0	29.1	116		65	140	3.08
1,2-Dichloroethane	25.0	29.0	116		70	130	0.588
Benzene	25.0	25.8	103		80	120	1.46
Trichloroethene	25.0	26.0	104		70	125	4.94
1,2-Dichloropropane	25.0	24.6	98.4		75	125	0.653
Dibromomethane	25.0	26.9	108		75	125	3.71
Bromodichloromethane	25.0	28.0	112		75	120	0.179
cis-1,3-Dichloropropene	25.0	27.6	110		70	130	0.0362
4-Methyl-2-pentanone	125	140	112		60	135	5.94
Toluene	25.0	26.4	105		75	120	0.718
trans-1,3-Dichloropropene	25.0	29.8	119		55	140	2.86
1,1,2-Trichloroethane	25.0	25.5	102		75	125	5.12
1,3-Dichloropropane	25.0	23.3	93.3		75	125	6.97
Tetrachloroethene	25.0	20.6	82.4		45	150	0.682
2-Hexanone	125	122	97.9		55	130	9.45
Dibromochloromethane	25.0	26.0	104		60	135	5.53
1,2-Dibromoethane	25.0	24.0	95.8		80	120	7.49
Chlorobenzene	25.0	21.4	85.5		80	120	2.08
1,1,1,2-Tetrachloroethane	25.0	24.8	99.2		80	130	2.61
Ethylbenzene	25.0	21.7	86.7		75	125	0.788
m-Xylene/p-Xylene	50.0	45.8	91.5		75	130	2.14
Iodomethane	25.0	20.7	82.8		57	145	8.33
o-Xylene	25.0	22.3	89.2		80	120	2.45
Styrene	25.0	22.3	89.4		65	135	2.36
Bromoform	25.0	27.2	109		70	130	6.74
Isopropylbenzene	25.0	22.2	88.8		75	125	1.54
1,2,3-Trichloropropane	25.0	24.4	97.7		75	125	2.19
1,1,2,2-Tetrachloroethane	25.0	21.9	87.8		65	130	6.06
Bromobenzene	25.0	21.1	84.4		75	125	0.714
n-Propylbenzene	25.0	21.8	87.3		70	130	1.00
2-Chlorotoluene	25.0	22.1	88.4		75	125	0.856

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806153

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806153-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
4-Chlorotoluene	25.0	24.0	96.0		75	130	0.459
1,3,5-Trimethylbenzene	25.0	21.3	85.4		75	130	0.607
tert-Butylbenzene	25.0	21.5	86.0		70	130	0.747
1,2,4-Trimethylbenzene	25.0	21.2	85.0		75	130	0.282
sec-Butylbenzene	25.0	23.4	93.5		70	125	0.171
1,3-Dichlorobenzene	25.0	20.8	83.3		75	125	1.16
1,4-Dichlorobenzene	25.0	21.1	84.4		75	125	1.48
1,2-Dichlorobenzene	25.0	21.2	84.8		70	120	2.63
4-Isopropyltoluene	25.0	22.4	89.7		75	130	1.11
n-Butylbenzene	25.0	22.4	89.6		70	135	1.33
1,2-Dibromo-3-chloropropane	25.0	24.3	97.2		50	130	9.07
1,2,4-Trichlorobenzene	25.0	22.9	91.4		65	135	1.94
1,2,3-Trichlorobenzene	25.0	23.4	93.7		55	140	3.83
Hexachlorobutadiene	25.0	21.9	87.6		50	140	1.27
Naphthalene	25.0	23.7	94.9		55	140	5.28

Actual Number of Marginal Exceedences: 1

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 69

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806030

(Sample Delivery Group, SDG)

8260B

(Parameter)

P806170

(Analytical Batch)

Quality Control Association Form

Lab Name:	Analytical Management Laboratories, Inc.	**Fraction:**	VOA_GCMS
QC Batch:	P806170	**Method:**	8260B

Date Analyzed	Lab Sample ID	Original Sample	Sample Type	Project Number
6/10/08	0806030-02		SAMPLE	0806030
6/10/08	P806170-BLK1		Method Blank	0806030
6/10/08	P806170-BS1		LCS	0806030
6/10/08	P806170-BSD1		LCS Dup	0806030
6/10/08	P806170-MS1	0806036-01	Matrix Spike	0806030
6/10/08	P806170-MS2	0806037-02	Matrix Spike	0806030
6/10/08	P806170-MSD1	0806036-01	Matrix Spike Dup	0806030
6/10/08	P806170-MSD2	0806037-02	Matrix Spike Dup	0806030

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806170

LMW-7-5-08 (0806030-02)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	87.6	85	115	
1,2-Dichloroethane-d4	87.4	70	120	
Toluene-d8	86.1	85	120	
4-Bromofluorobenzene	116	75	120	

Blank (P806170-BLK1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	89.8	85	115	
1,2-Dichloroethane-d4	88.9	70	120	
Toluene-d8	88.7	85	120	
4-Bromofluorobenzene	116	75	120	

LCS (P806170-BS1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	90.9	85	115	
1,2-Dichloroethane-d4	91.0	70	120	
Toluene-d8	91.6	85	120	
4-Bromofluorobenzene	120	75	120	

LCS Dup (P806170-BSD1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	90.1	85	115	
1,2-Dichloroethane-d4	88.6	70	120	
Toluene-d8	90.3	85	120	
4-Bromofluorobenzene	116	75	120	

Matrix Spike (P806170-MS1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	89.6	85	115	
1,2-Dichloroethane-d4	87.2	70	120	
Toluene-d8	87.5	85	120	
4-Bromofluorobenzene	118	75	120	

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806170

Matrix Spike (P806170-MS2)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	87.5	85	115	
1,2-Dichloroethane-d4	83.6	70	120	
Toluene-d8	89.6	85	120	
4-Bromofluorobenzene	118	75	120	

Matrix Spike Dup (P806170-MSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	89.6	85	115	
1,2-Dichloroethane-d4	85.6	70	120	
Toluene-d8	89.7	85	120	
4-Bromofluorobenzene	119	75	120	

Matrix Spike Dup (P806170-MSD2)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	87.7	85	115	
1,2-Dichloroethane-d4	82.9	70	120	
Toluene-d8	89.2	85	120	
4-Bromofluorobenzene	118	75	120	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 13:53
Preparation:	EPA 5030B	Date Received:	
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	Q2, U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 13:53
Preparation:	EPA 5030B	Date Received:	
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 12:17
Preparation:	EPA 5030B	Date Received:	
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	24.7	ug/L		0.200	2.00	1
74-87-3	Chloromethane	29.3	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	25.0	ug/L		0.200	2.00	1
74-83-9	Bromomethane	20.6	ug/L	Q2	0.200	2.00	1
75-00-3	Chloroethane	26.3	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	27.9	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	28.0	ug/L		0.200	2.00	1
107-02-8	Acrolein	145	ug/L		1.00	10.0	1
67-64-1	Acetone	143	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	25.4	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	22.2	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	24.2	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	24.8	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	29.6	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	27.5	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	23.4	ug/L		0.200	2.00	1
78-93-3	2-Butanone	121	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	25.0	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	27.0	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	23.7	ug/L		0.200	2.00	1
67-66-3	Chloroform	24.8	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	25.9	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	26.2	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	28.0	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	26.9	ug/L		0.200	2.00	1
71-43-2	Benzene	24.1	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	25.0	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	22.9	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	24.3	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	26.0	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	26.0	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	128	ug/L		2.00	10.0	1
108-88-3	Toluene	24.2	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	27.0	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	23.6	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	24.1	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	22.0	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	126	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	26.9	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	24.1	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	22.5	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	25.5	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	22.9	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	47.9	ug/L		0.400	4.00	1
95-47-6	o-Xylene	23.0	ug/L		0.200	2.00	1
100-42-5	Styrene	23.3	ug/L		0.200	2.00	1
75-25-2	Bromoform	27.7	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	23.5	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	27.4	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	23.7	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 12:17
Preparation:	EPA 5030B	Date Received:	
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	23.1	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	24.2	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	24.6	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	25.8	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	23.4	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	23.5	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	23.2	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	25.4	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.7	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.7	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	23.1	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	24.8	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	25.1	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	26.0	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	24.8	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	25.1	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	24.2	ug/L		0.200	2.00	1
91-20-3	Naphthalene	25.3	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 12:49
Preparation:	EPA 5030B	Date Received:	
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	22.4	ug/L		0.200	2.00	1
74-87-3	Chloromethane	26.7	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	18.5	ug/L		0.200	2.00	1
74-83-9	Bromomethane	21.9	ug/L	Q2	0.200	2.00	1
75-00-3	Chloroethane	24.4	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	25.6	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	26.1	ug/L		0.200	2.00	1
107-02-8	Acrolein	145	ug/L		1.00	10.0	1
67-64-1	Acetone	144	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	23.6	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	20.6	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	23.1	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	23.8	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	28.9	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	26.8	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	22.2	ug/L		0.200	2.00	1
78-93-3	2-Butanone	121	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	24.1	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	25.1	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	23.6	ug/L		0.200	2.00	1
67-66-3	Chloroform	24.0	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	24.2	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	24.3	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	25.8	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	26.4	ug/L		0.200	2.00	1
71-43-2	Benzene	23.2	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	23.6	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	22.4	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	24.6	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	25.1	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	25.4	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	129	ug/L		2.00	10.0	1
108-88-3	Toluene	23.5	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	26.4	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	23.3	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	23.7	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	20.8	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	123	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	26.0	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	23.5	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	22.4	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	25.1	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	21.7	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	48.2	ug/L		0.400	4.00	1
95-47-6	o-Xylene	21.8	ug/L		0.200	2.00	1
100-42-5	Styrene	22.6	ug/L		0.200	2.00	1
75-25-2	Bromoform	27.2	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	22.0	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	26.6	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	23.7	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 12:49
Preparation:	EPA 5030B	Date Received:	
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	22.8	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	23.3	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	23.8	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	24.1	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	22.8	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	22.9	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	22.6	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	24.5	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.2	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.7	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	23.0	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	23.8	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	24.1	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	25.1	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	24.8	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	25.3	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	23.4	ug/L		0.200	2.00	1
91-20-3	Naphthalene	26.0	ug/L		0.400	2.00	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806170-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Dichlorodifluoromethane	25.0	24.7	98.9		30	155
Chloromethane	25.0	29.3	117		40	125
Vinyl chloride	25.0	25.0	99.8		50	145
Bromomethane	25.0	20.6	82.5		30	145
Chloroethane	25.0	26.3	105		60	135
Trichlorofluoromethane	25.0	27.9	112		60	145
1,1-Dichloroethene	25.0	28.0	112		70	130
Acrolein	125	145	116		54	142
Acetone	125	143	114		40	140
Acrylonitrile	25.0	25.4	101		71	129
Carbon disulfide	25.0	22.2	88.9		35	160
Methylene Chloride	25.0	24.2	96.7		55	140
trans-1,2-Dichloroethene	25.0	24.8	99.4		60	140
Vinyl acetate	25.0	29.6	119		72	121
Methyl tert-Butyl Ether	25.0	27.5	110		65	125
1,1-Dichloroethane	25.0	23.4	93.7		70	135
2-Butanone	125	121	96.4		30	150
cis-1,2-Dichloroethene	25.0	25.0	99.8		70	125
2,2-Dichloropropane	25.0	27.0	108		70	135
Bromochloromethane	25.0	23.7	94.8		65	130
Chloroform	25.0	24.8	99.2		65	135
1,1,1-Trichloroethane	25.0	25.9	104		65	130
1,1-Dichloropropene	25.0	26.2	105		75	130
Carbon Tetrachloride	25.0	28.0	112		65	140
1,2-Dichloroethane	25.0	26.9	108		70	130
Benzene	25.0	24.1	96.2		80	120
Trichloroethene	25.0	25.0	100		70	125
1,2-Dichloropropane	25.0	22.9	91.5		75	125
Dibromomethane	25.0	24.3	97.3		75	125
Bromodichloromethane	25.0	26.0	104		75	120
cis-1,3-Dichloropropene	25.0	26.0	104		70	130
4-Methyl-2-pentanone	125	128	103		60	135
Toluene	25.0	24.2	96.9		75	120
trans-1,3-Dichloropropene	25.0	27.0	108		55	140
1,1,2-Trichloroethane	25.0	23.6	94.4		75	125
1,3-Dichloropropane	25.0	24.1	96.2		75	125
Tetrachloroethene	25.0	22.0	88.0		45	150
2-Hexanone	125	126	101		55	130
Dibromochloromethane	25.0	26.9	108		60	135
1,2-Dibromoethane	25.0	24.1	96.4		80	120
Chlorobenzene	25.0	22.5	89.9		80	120
1,1,1,2-Tetrachloroethane	25.0	25.5	102		80	130
Ethylbenzene	25.0	22.9	91.5		75	125
m-Xylene/p-Xylene	50.0	47.9	95.7		75	130
o-Xylene	25.0	23.0	92.1		80	120
Styrene	25.0	23.3	93.3		65	135
Bromoform	25.0	27.7	111		70	130
Isopropylbenzene	25.0	23.5	94.0		75	125
1,2,3-Trichloropropane	25.0	27.4	109		75	125
1,1,2,2-Tetrachloroethane	25.0	23.7	94.7		65	130
Bromobenzene	25.0	23.1	92.2		75	125
n-Propylbenzene	25.0	24.2	97.0		70	130
2-Chlorotoluene	25.0	24.6	98.4		75	125
4-Chlorotoluene	25.0	25.8	103		75	130

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806170-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
1,3,5-Trimethylbenzene	25.0	23.4	93.8		75	130
tert-Butylbenzene	25.0	23.5	94.0		70	130
1,2,4-Trimethylbenzene	25.0	23.2	93.0		75	130
sec-Butylbenzene	25.0	25.4	102		70	125
1,3-Dichlorobenzene	25.0	22.7	90.7		75	125
1,4-Dichlorobenzene	25.0	22.7	90.7		75	125
1,2-Dichlorobenzene	25.0	23.1	92.2		70	120
4-Isopropyltoluene	25.0	24.8	99.4		75	130
n-Butylbenzene	25.0	25.1	100		70	135
1,2-Dibromo-3-chloropropane	25.0	26.0	104		50	130
1,2,4-Trichlorobenzene	25.0	24.8	99.2		65	135
1,2,3-Trichlorobenzene	25.0	25.1	100		55	140
Hexachlorobutadiene	25.0	24.2	96.8		50	140
Naphthalene	25.0	25.3	101		55	140

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806170-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Dichlorodifluoromethane	25.0	22.4	89.4		30	155	10.1
Chloromethane	25.0	26.7	107		40	125	9.36
Vinyl chloride	25.0	18.5	73.8		50	145	29.9
Bromomethane	25.0	21.9	87.4		30	145	5.84
Chloroethane	25.0	24.4	97.6		60	135	7.42
Trichlorofluoromethane	25.0	25.6	103		60	145	8.62
1,1-Dichloroethene	25.0	26.1	104		70	130	6.91
Acrolein	125	145	116		54	142	0.0828
Acetone	125	144	115		40	140	0.580
Acrylonitrile	25.0	23.6	94.4		71	129	7.23
Carbon disulfide	25.0	20.6	82.5		35	160	7.47
Methylene Chloride	25.0	23.1	92.6		55	140	4.35
trans-1,2-Dichloroethene	25.0	23.8	95.3		60	140	4.19
Vinyl acetate	25.0	28.9	116		72	121	2.63
Methyl tert-Butyl Ether	25.0	26.8	107		65	125	2.46
1,1-Dichloroethane	25.0	22.2	89.0		70	135	5.17
2-Butanone	125	121	96.9		30	150	0.546
cis-1,2-Dichloroethene	25.0	24.1	96.4		70	125	3.46
2,2-Dichloropropane	25.0	25.1	101		70	135	6.99
Bromochloromethane	25.0	23.6	94.4		65	130	0.381
Chloroform	25.0	24.0	96.1		65	135	3.19
1,1,1-Trichloroethane	25.0	24.2	97.0		65	130	6.58
1,1-Dichloropropene	25.0	24.3	97.2		75	130	7.29
Carbon Tetrachloride	25.0	25.8	103		65	140	8.40
1,2-Dichloroethane	25.0	26.4	105		70	130	2.10
Benzene	25.0	23.2	92.6		80	120	3.81
Trichloroethene	25.0	23.6	94.6		70	125	5.59
1,2-Dichloropropane	25.0	22.4	89.5		75	125	2.25
Dibromomethane	25.0	24.6	98.4		75	125	1.06
Bromodichloromethane	25.0	25.1	101		75	120	3.25
cis-1,3-Dichloropropene	25.0	25.4	102		70	130	2.34
4-Methyl-2-pentanone	125	129	103		60	135	0.335
Toluene	25.0	23.5	94.0		75	120	3.10
trans-1,3-Dichloropropene	25.0	26.4	105		55	140	2.36
1,1,2-Trichloroethane	25.0	23.3	93.0		75	125	1.41
1,3-Dichloropropane	25.0	23.7	94.8		75	125	1.51
Tetrachloroethene	25.0	20.8	83.2		45	150	5.70
2-Hexanone	125	123	98.4		55	130	2.80
Dibromochloromethane	25.0	26.0	104		60	135	3.21
1,2-Dibromoethane	25.0	23.5	94.2		80	120	2.31
Chlorobenzene	25.0	22.4	89.6		80	120	0.267
1,1,1,2-Tetrachloroethane	25.0	25.1	100		80	130	1.78
Ethylbenzene	25.0	21.7	86.7		75	125	5.43
m-Xylene/p-Xylene	50.0	48.2	96.3		75	130	0.604
o-Xylene	25.0	21.8	87.0		80	120	5.72
Styrene	25.0	22.6	90.4		65	135	3.18
Bromoform	25.0	27.2	109		70	130	1.82
Isopropylbenzene	25.0	22.0	88.0		75	125	6.64
1,2,3-Trichloropropane	25.0	26.6	106		75	125	2.97
1,1,2,2-Tetrachloroethane	25.0	23.7	94.8		65	130	0.0844
Bromobenzene	25.0	22.8	91.2		75	125	1.09
n-Propylbenzene	25.0	23.3	93.3		70	130	3.91
2-Chlorotoluene	25.0	23.8	95.1		75	125	3.39
4-Chlorotoluene	25.0	24.1	96.3		75	130	6.90

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806170-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
1,3,5-Trimethylbenzene	25.0	22.8	91.2		75	130	2.72
tert-Butylbenzene	25.0	22.9	91.6		70	130	2.54
1,2,4-Trimethylbenzene	25.0	22.6	90.3		75	130	2.93
sec-Butylbenzene	25.0	24.5	98.0		70	125	3.77
1,3-Dichlorobenzene	25.0	22.2	89.0		75	125	1.91
1,4-Dichlorobenzene	25.0	22.7	90.8		75	125	0.132
1,2-Dichlorobenzene	25.0	23.0	91.8		70	120	0.435
4-Isopropyltoluene	25.0	23.8	95.1		75	130	4.40
n-Butylbenzene	25.0	24.1	96.2		70	135	4.11
1,2-Dibromo-3-chloropropane	25.0	25.1	100		50	130	3.61
1,2,4-Trichlorobenzene	25.0	24.8	99.3		65	135	0.161
1,2,3-Trichlorobenzene	25.0	25.3	101		55	140	0.872
Hexachlorobutadiene	25.0	23.4	93.5		50	140	3.53
Naphthalene	25.0	26.0	104		55	140	2.65

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MS1
% Solids:	NA	Date Collected:	06/09/08 07:30
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 17:29
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	22.8	ug/L		0.200	2.00	1
74-87-3	Chloromethane	25.8	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	23.2	ug/L		0.200	2.00	1
74-83-9	Bromomethane	15.2	ug/L	Q2	0.200	2.00	1
75-00-3	Chloroethane	20.6	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	26.5	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	28.9	ug/L		0.200	2.00	1
107-02-8	Acrolein	136	ug/L		1.00	10.0	1
67-64-1	Acetone	11.1	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	25.2	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	18.9	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	19.1	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	24.7	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	28.9	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	28.4	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	24.0	ug/L		0.200	2.00	1
78-93-3	2-Butanone	118	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	37.6	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	26.0	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	23.4	ug/L		0.200	2.00	1
67-66-3	Chloroform	24.7	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	29.9	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	25.9	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	26.7	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	35.0	ug/L		0.200	2.00	1
71-43-2	Benzene	440	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	163	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	22.5	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	24.3	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	24.6	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	25.3	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	153	ug/L		2.00	10.0	1
108-88-3	Toluene	378	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	26.9	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	23.9	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	23.7	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	21.3	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	148	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	25.0	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	25.9	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	22.8	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	23.9	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	319	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	535	ug/L		0.400	4.00	1
95-47-6	o-Xylene	364	ug/L		0.200	2.00	1
100-42-5	Styrene	29.2	ug/L		0.200	2.00	1
75-25-2	Bromoform	24.9	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	67.2	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	25.9	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	23.6	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MS1
% Solids:	NA	Date Collected:	06/09/08 07:30
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 17:29
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	22.5	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	64.5	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	46.3	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	34.9	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	102	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	24.1	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	191	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	45.3	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.4	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.0	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	22.4	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	34.1	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	30.5	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	26.9	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	23.8	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	24.1	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	22.7	ug/L		0.200	2.00	1
91-20-3	Naphthalene	136	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MS2
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 21:49
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	22.0	ug/L		0.200	2.00	1
74-87-3	Chloromethane	29.7	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	24.1	ug/L		0.200	2.00	1
74-83-9	Bromomethane	8.09	ug/L	Q2	0.200	2.00	1
75-00-3	Chloroethane	25.0	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	24.9	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	26.2	ug/L		0.200	2.00	1
107-02-8	Acrolein	131	ug/L		1.00	10.0	1
67-64-1	Acetone	138	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	23.9	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	21.8	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	24.3	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	25.3	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	26.8	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	26.4	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	22.8	ug/L		0.200	2.00	1
78-93-3	2-Butanone	125	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	25.2	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	22.1	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	23.7	ug/L		0.200	2.00	1
67-66-3	Chloroform	24.0	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	24.0	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	24.8	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	25.2	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	25.4	ug/L		0.200	2.00	1
71-43-2	Benzene	25.9	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	24.5	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	22.7	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	23.7	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	24.7	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	24.4	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	123	ug/L		2.00	10.0	1
108-88-3	Toluene	24.9	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	25.4	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	22.9	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	22.7	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	20.2	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	114	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	24.5	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	23.0	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	21.8	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.1	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	22.1	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	46.9	ug/L		0.400	4.00	1
95-47-6	o-Xylene	22.5	ug/L		0.200	2.00	1
100-42-5	Styrene	22.7	ug/L		0.200	2.00	1
75-25-2	Bromoform	24.9	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	22.5	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	24.8	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	22.4	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MS2
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 21:49
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	22.2	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	22.9	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	23.4	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	23.4	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	22.1	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	22.5	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	22.2	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	23.5	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	21.8	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.3	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	22.3	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	23.1	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	22.8	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	23.6	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	22.8	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	23.0	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	21.4	ug/L		0.200	2.00	1
91-20-3	Naphthalene	23.5	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MSD1
% Solids:	NA	Date Collected:	06/09/08 07:30
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 18:02
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	22.3	ug/L		0.200	2.00	1
74-87-3	Chloromethane	29.0	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	23.2	ug/L		0.200	2.00	1
74-83-9	Bromomethane	15.5	ug/L	Q2	0.200	2.00	1
75-00-3	Chloroethane	21.4	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	26.3	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	28.1	ug/L		0.200	2.00	1
107-02-8	Acrolein	79.5	ug/L		1.00	10.0	1
67-64-1	Acetone	11.0	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	24.9	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	18.7	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	19.9	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	24.5	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	28.2	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	29.0	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	23.8	ug/L		0.200	2.00	1
78-93-3	2-Butanone	131	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	37.4	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	25.7	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	24.2	ug/L		0.200	2.00	1
67-66-3	Chloroform	24.5	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	30.1	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	25.7	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	26.8	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	35.3	ug/L		0.200	2.00	1
71-43-2	Benzene	437	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	163	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	22.8	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	24.4	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	24.7	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	26.2	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	159	ug/L		2.00	10.0	1
108-88-3	Toluene	374	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	27.5	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	24.0	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	24.6	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	21.4	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	158	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	25.9	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	26.7	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	22.8	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.1	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	316	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	533	ug/L		0.400	4.00	1
95-47-6	o-Xylene	364	ug/L		0.200	2.00	1
100-42-5	Styrene	29.2	ug/L		0.200	2.00	1
75-25-2	Bromoform	25.5	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	67.1	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	27.1	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	24.4	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MSD1
% Solids:	NA	Date Collected:	06/09/08 07:30
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 18:02
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	22.7	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	63.9	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	46.2	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	35.1	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	101	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	24.6	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	189	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	44.6	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.5	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.7	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	22.9	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	33.7	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	30.7	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	27.6	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	24.1	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	25.4	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	22.8	ug/L		0.200	2.00	1
91-20-3	Naphthalene	140	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MSD2
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 22:22
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	21.8	ug/L		0.200	2.00	1
74-87-3	Chloromethane	30.7	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	24.2	ug/L		0.200	2.00	1
74-83-9	Bromomethane	11.1	ug/L	Q2	0.200	2.00	1
75-00-3	Chloroethane	24.5	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	25.1	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	26.4	ug/L		0.200	2.00	1
107-02-8	Acrolein	136	ug/L		1.00	10.0	1
67-64-1	Acetone	143	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	23.9	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	21.6	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	24.2	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	24.8	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	27.0	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	26.4	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	22.7	ug/L		0.200	2.00	1
78-93-3	2-Butanone	130	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	24.6	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	21.8	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	23.7	ug/L		0.200	2.00	1
67-66-3	Chloroform	23.8	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	23.9	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	24.5	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	25.5	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	25.7	ug/L		0.200	2.00	1
71-43-2	Benzene	26.1	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	24.0	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	22.7	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	23.8	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	24.7	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	24.3	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	128	ug/L		2.00	10.0	1
108-88-3	Toluene	25.3	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	25.4	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	23.5	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	23.1	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	20.9	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	122	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	24.7	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	22.9	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	22.4	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.8	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	22.4	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	47.0	ug/L		0.400	4.00	1
95-47-6	o-Xylene	22.6	ug/L		0.200	2.00	1
100-42-5	Styrene	23.1	ug/L		0.200	2.00	1
75-25-2	Bromoform	25.8	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	23.0	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	25.6	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	23.4	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Lamont Landfill, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806030
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MSD2
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 22:22
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	22.7	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	23.1	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	24.1	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	23.8	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	22.4	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	22.9	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	22.6	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	24.4	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.2	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.2	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	22.8	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	24.0	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	23.4	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	24.7	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	24.0	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	23.9	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	22.9	ug/L		0.200	2.00	1
91-20-3	Naphthalene	25.4	ug/L		0.400	2.00	1

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0806036-01*** ***Lab Sample ID for MS :*** ***P806170-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Dichlorodifluoromethane	0	25.0	22.8	91.0		30	155
Chloromethane	0	25.0	25.8	103		40	125
Vinyl chloride	0	25.0	23.2	92.8		50	145
Bromomethane	0	25.0	15.2	60.8		30	145
Chloroethane	0	25.0	20.6	82.4		60	135
Trichlorofluoromethane	0	25.0	26.5	106		60	145
1,1-Dichloroethene	0	25.0	28.9	116		70	130
Acrolein	0	125	136	108		54	142
Acetone	0	125	11.1	8.89	ME*	40	140
Acrylonitrile	0	25.0	25.2	101		71	129
Carbon disulfide	0	25.0	18.9	75.5		35	160
Methylene Chloride	0	25.0	19.1	76.4		55	140
trans-1,2-Dichloroethene	0	25.0	24.7	99.0		60	140
Vinyl acetate	0	25.0	28.9	116		72	121
Methyl tert-Butyl Ether	0	25.0	28.4	114		65	125
1,1-Dichloroethane	0.760	25.0	24.0	92.9		70	135
2-Butanone	14.9	125	118	82.9		30	150
cis-1,2-Dichloroethene	11.8	25.0	37.6	103		70	125
2,2-Dichloropropane	0	25.0	26.0	104		70	135
Bromochloromethane	0	25.0	23.4	93.4		65	130
Chloroform	0	25.0	24.7	98.7		65	135
1,1,1-Trichloroethane	4.81	25.0	29.9	100		65	130
1,1-Dichloropropene	0	25.0	25.9	104		75	130
Carbon Tetrachloride	0	25.0	26.7	107		65	140
1,2-Dichloroethane	0	25.0	35.0	140	ME	70	130
Benzene	428	25.0	440	48.1	ME*	80	120
Trichloroethene	143	25.0	163	80.2		70	125
1,2-Dichloropropane	0	25.0	22.5	90.0		75	125
Dibromomethane	0	25.0	24.3	97.1		75	125
Bromodichloromethane	0	25.0	24.6	98.5		75	120
cis-1,3-Dichloropropene	0	25.0	25.3	101		70	130
4-Methyl-2-pentanone	0	125	153	122		60	135
Toluene	363	25.0	378	59.2	ME*	75	120
trans-1,3-Dichloropropene	0	25.0	26.9	108		55	140
1,1,2-Trichloroethane	0	25.0	23.9	95.8		75	125
1,3-Dichloropropane	0	25.0	23.7	94.8		75	125
Tetrachloroethene	0	25.0	21.3	85.2		45	150
2-Hexanone	0	125	148	118		55	130
Dibromochloromethane	0	25.0	25.0	100		60	135
1,2-Dibromoethane	0	25.0	25.9	104		80	120
Chlorobenzene	0	25.0	22.8	91.2		80	120
1,1,1,2-Tetrachloroethane	0	25.0	23.9	95.6		80	130
Ethylbenzene	307	25.0	319	47.6	ME*	75	125
m-Xylene/p-Xylene	517	50.0	535	35.6	ME*	75	130
o-Xylene	357	25.0	364	28.4	ME*	80	120
Styrene	0	25.0	29.2	117		65	135
Bromoform	0	25.0	24.9	99.7		70	130
Isopropylbenzene	44.9	25.0	67.2	89.0		75	125
1,2,3-Trichloropropane	0	25.0	25.9	104		75	125
1,1,2,2-Tetrachloroethane	0	25.0	23.6	94.5		65	130
Bromobenzene	0	25.0	22.5	90.0		75	125
n-Propylbenzene	40.7	25.0	64.5	95.1		70	130
2-Chlorotoluene	22.6	25.0	46.3	94.7		75	125
4-Chlorotoluene	9.12	25.0	34.9	103		75	130

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0806036-01*** ***Lab Sample ID for MS :*** ***P806170-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
1,3,5-Trimethylbenzene	84.0	25.0	102	73.4	ME	75	130
tert-Butylbenzene	0	25.0	24.1	96.2		70	130
1,2,4-Trimethylbenzene	177	25.0	191	54.7	ME*	75	130
sec-Butylbenzene	0	25.0	45.3	181	ME*	70	125
1,3-Dichlorobenzene	0	25.0	22.4	89.4		75	125
1,4-Dichlorobenzene	0	25.0	22.0	87.8		75	125
1,2-Dichlorobenzene	0	25.0	22.4	89.5		70	120
4-Isopropyltoluene	8.99	25.0	34.1	100		75	130
n-Butylbenzene	0	25.0	30.5	122		70	135
1,2-Dibromo-3-chloropropane	0	25.0	26.9	107		50	130
1,2,4-Trichlorobenzene	0	25.0	23.8	95.1		65	135
1,2,3-Trichlorobenzene	0	25.0	24.1	96.4		55	140
Hexachlorobutadiene	0	25.0	22.7	90.8		50	140
Naphthalene	99.6	25.0	136	146	ME	55	140

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806170-MS2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Dichlorodifluoromethane	0	25.0	22.0	87.8		30	155
Chloromethane	0	25.0	29.7	119		40	125
Vinyl chloride	0	25.0	24.1	96.6		50	145
Bromomethane	0	25.0	8.09	32.4		30	145
Chloroethane	0	25.0	25.0	99.8		60	135
Trichlorofluoromethane	0	25.0	24.9	99.7		60	145
1,1-Dichloroethene	0	25.0	26.2	105		70	130
Acrolein	0	125	131	105		54	142
Acetone	0	125	138	110		40	140
Acrylonitrile	0	25.0	23.9	95.6		71	129
Carbon disulfide	0	25.0	21.8	87.4		35	160
Methylene Chloride	0	25.0	24.3	97.2		55	140
trans-1,2-Dichloroethene	0	25.0	25.3	101		60	140
Vinyl acetate	0	25.0	26.8	107		72	121
Methyl tert-Butyl Ether	0	25.0	26.4	106		65	125
1,1-Dichloroethane	0	25.0	22.8	91.2		70	135
2-Butanone	0	125	125	99.7		30	150
cis-1,2-Dichloroethene	0	25.0	25.2	101		70	125
2,2-Dichloropropane	0	25.0	22.1	88.2		70	135
Bromochloromethane	0	25.0	23.7	94.6		65	130
Chloroform	0	25.0	24.0	96.0		65	135
1,1,1-Trichloroethane	0	25.0	24.0	96.2		65	130
1,1-Dichloropropene	0	25.0	24.8	99.4		75	130
Carbon Tetrachloride	0	25.0	25.2	101		65	140
1,2-Dichloroethane	0	25.0	25.4	101		70	130
Benzene	0	25.0	25.9	104		80	120
Trichloroethene	0	25.0	24.5	98.0		70	125
1,2-Dichloropropane	0	25.0	22.7	90.8		75	125
Dibromomethane	0	25.0	23.7	95.0		75	125
Bromodichloromethane	0	25.0	24.7	98.9		75	120
cis-1,3-Dichloropropene	0	25.0	24.4	97.4		70	130
4-Methyl-2-pentanone	0	125	123	98.3		60	135
Toluene	0	25.0	24.9	99.7		75	120
trans-1,3-Dichloropropene	0	25.0	25.4	101		55	140
1,1,2-Trichloroethane	0	25.0	22.9	91.8		75	125
1,3-Dichloropropane	0	25.0	22.7	90.9		75	125
Tetrachloroethene	0	25.0	20.2	81.0		45	150
2-Hexanone	0	125	114	91.4		55	130
Dibromochloromethane	0	25.0	24.5	98.0		60	135
1,2-Dibromoethane	0	25.0	23.0	92.1		80	120
Chlorobenzene	0	25.0	21.8	87.3		80	120
1,1,1,2-Tetrachloroethane	0	25.0	24.1	96.4		80	130
Ethylbenzene	0	25.0	22.1	88.4		75	125
m-Xylene/p-Xylene	0	50.0	46.9	93.7		75	130
o-Xylene	0	25.0	22.5	90.0		80	120
Styrene	0	25.0	22.7	90.7		65	135
Bromoform	0	25.0	24.9	99.5		70	130
Isopropylbenzene	0	25.0	22.5	89.8		75	125
1,2,3-Trichloropropane	0	25.0	24.8	99.2		75	125
1,1,2,2-Tetrachloroethane	0	25.0	22.4	89.6		65	130
Bromobenzene	0	25.0	22.2	89.0		75	125
n-Propylbenzene	0	25.0	22.9	91.8		70	130
2-Chlorotoluene	0	25.0	23.4	93.6		75	125
4-Chlorotoluene	0	25.0	23.4	93.6		75	130

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806170-MS2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
1,3,5-Trimethylbenzene	0	25.0	22.1	88.6		75	130
tert-Butylbenzene	0	25.0	22.5	90.0		70	130
1,2,4-Trimethylbenzene	0	25.0	22.2	89.0		75	130
sec-Butylbenzene	0	25.0	23.5	94.0		70	125
1,3-Dichlorobenzene	0	25.0	21.8	87.3		75	125
1,4-Dichlorobenzene	0	25.0	22.3	89.2		75	125
1,2-Dichlorobenzene	0	25.0	22.3	89.1		70	120
4-Isopropyltoluene	0	25.0	23.1	92.3		75	130
n-Butylbenzene	0	25.0	22.8	91.3		70	135
1,2-Dibromo-3-chloropropane	0	25.0	23.6	94.4		50	130
1,2,4-Trichlorobenzene	0	25.0	22.8	91.1		65	135
1,2,3-Trichlorobenzene	0	25.0	23.0	92.0		55	140
Hexachlorobutadiene	0	25.0	21.4	85.7		50	140
Naphthalene	0	25.0	23.5	94.1		55	140

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Original Sample ***0806036-01*** ***Lab Sample ID for MSD*** ***P806170-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Dichlorodifluoromethane	0	25.0	22.3	89.1		2.18		30	155	30
Chloromethane	0	25.0	29.0	116		11.6		40	125	30
Vinyl chloride	0	25.0	23.2	93.0		0.172		50	145	30
Bromomethane	0	25.0	15.5	62.0		1.89		30	145	30
Chloroethane	0	25.0	21.4	85.8		3.99		60	135	30
Trichlorofluoromethane	0	25.0	26.3	105		0.795		60	145	30
1,1-Dichloroethene	0	25.0	28.1	113		2.63		70	130	30
Acrolein	0	125	79.5	63.6		52.1	*	54	142	30
Acetone	0	125	11.0	8.77	ME*	1.36		40	140	30
Acrylonitrile	0	25.0	24.9	99.7		1.28		71	129	30
Carbon disulfide	0	25.0	18.7	74.9		0.851		35	160	30
Methylene Chloride	0	25.0	19.9	79.6		4.15		55	140	30
trans-1,2-Dichloroethene	0	25.0	24.5	98.1		0.893		60	140	30
Vinyl acetate	0	25.0	28.2	113		2.31		72	121	30
Methyl tert-Butyl Ether	0	25.0	29.0	116		2.19		65	125	30
1,1-Dichloroethane	0.760	25.0	23.8	92.0		0.908		70	135	30
2-Butanone	14.9	125	131	92.7		11.1		30	150	30
cis-1,2-Dichloroethene	11.8	25.0	37.4	102		0.894		70	125	30
2,2-Dichloropropane	0	25.0	25.7	103		1.43		70	135	30
Bromochloromethane	0	25.0	24.2	96.7		3.45		65	130	30
Chloroform	0	25.0	24.5	97.9		0.773		65	135	30
1,1,1-Trichloroethane	4.81	25.0	30.1	101		0.714		65	130	30
1,1-Dichloropropene	0	25.0	25.7	103		0.814		75	130	30
Carbon Tetrachloride	0	25.0	26.8	107		0.486		65	140	30
1,2-Dichloroethane	0	25.0	35.3	141	ME*	0.882		70	130	30
Benzene	428	25.0	437	39.0	ME*	20.9		80	120	30
Trichloroethene	143	25.0	163	77.4		3.55		70	125	30
1,2-Dichloropropane	0	25.0	22.8	91.1		1.24		75	125	30
Dibromomethane	0	25.0	24.4	97.8		0.698		75	125	30
Bromodichloromethane	0	25.0	24.7	98.8		0.324		75	120	30
cis-1,3-Dichloropropene	0	25.0	26.2	105		3.34		70	130	30
4-Methyl-2-pentanone	0	125	159	127		3.76		60	135	30
Toluene	363	25.0	374	45.4	ME*	26.2		75	120	30
trans-1,3-Dichloropropene	0	25.0	27.5	110		2.13		55	140	30
1,1,2-Trichloroethane	0	25.0	24.0	95.8		0.0835		75	125	30
1,3-Dichloropropane	0	25.0	24.6	98.2		3.56		75	125	30
Tetrachloroethene	0	25.0	21.4	85.5		0.281		45	150	30
2-Hexanone	0	125	158	127		6.70		55	130	30
Dibromochloromethane	0	25.0	25.9	104		3.46		60	135	30
1,2-Dibromoethane	0	25.0	26.7	107		3.00		80	120	30
Chlorobenzene	0	25.0	22.8	91.3		0.132		80	120	30
1,1,1,2-Tetrachloroethane	0	25.0	24.1	96.5		0.958		80	130	30
Ethylbenzene	307	25.0	316	36.8	ME*	25.5		75	125	30
m-Xylene/p-Xylene	517	50.0	533	31.6	ME*	12.1		75	130	30
o-Xylene	357	25.0	364	24.6	ME*	14.3		80	120	30
Styrene	0	25.0	29.2	117		0.240		65	135	30
Bromoform	0	25.0	25.5	102		2.10		70	130	30
Isopropylbenzene	44.9	25.0	67.1	88.8		0.315		75	125	30
1,2,3-Trichloropropane	0	25.0	27.1	108		4.45		75	125	30
1,1,2,2-Tetrachloroethane	0	25.0	24.4	97.6		3.25		65	130	30
Bromobenzene	0	25.0	22.7	90.8		0.885		75	125	30
n-Propylbenzene	40.7	25.0	63.9	93.0		2.30		70	130	30
2-Chlorotoluene	22.6	25.0	46.2	94.4		0.338		75	125	30
4-Chlorotoluene	9.12	25.0	35.1	104		0.657		75	130	30

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0806036-01*** ***Lab Sample ID for MSD*** ***P806170-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
1,3,5-Trimethylbenzene	84.0	25.0	101	69.8	ME	5.08		75	130	30
tert-Butylbenzene	0	25.0	24.6	98.5		2.30		70	130	30
1,2,4-Trimethylbenzene	177	25.0	189	46.6	ME*	16.0		75	130	30
sec-Butylbenzene	0	25.0	44.6	178	ME*	1.65		70	125	30
1,3-Dichlorobenzene	0	25.0	22.5	90.0		0.669		75	125	30
1,4-Dichlorobenzene	0	25.0	22.7	90.8		3.36		75	125	30
1,2-Dichlorobenzene	0	25.0	22.9	91.7		2.43		70	120	30
4-Isopropyltoluene	8.99	25.0	33.7	99.0		1.48		75	130	30
n-Butylbenzene	0	25.0	30.7	123		0.687		70	135	30
1,2-Dibromo-3-chloropropane	0	25.0	27.6	110		2.72		50	130	30
1,2,4-Trichlorobenzene	0	25.0	24.1	96.4		1.38		65	135	30
1,2,3-Trichlorobenzene	0	25.0	25.4	101		5.14		55	140	30
Hexachlorobutadiene	0	25.0	22.8	91.0		0.264		50	140	30
Naphthalene	99.6	25.0	140	161	ME*	9.30		55	140	30

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806170-MSD2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Dichlorodifluoromethane	0	25.0	21.8	87.1		0.777		30	155	30
Chloromethane	0	25.0	30.7	123		3.15		40	125	30
Vinyl chloride	0	25.0	24.2	96.8		0.207		50	145	30
Bromomethane	0	25.0	11.1	44.5		31.5	*	30	145	30
Chloroethane	0	25.0	24.5	98.2		1.66		60	135	30
Trichlorofluoromethane	0	25.0	25.1	100		0.760		60	145	30
1,1-Dichloroethene	0	25.0	26.4	105		0.495		70	130	30
Acrolein	0	125	136	109		3.64		54	142	30
Acetone	0	125	143	114		3.58		40	140	30
Acrylonitrile	0	25.0	23.9	95.5		0.0837		71	129	30
Carbon disulfide	0	25.0	21.6	86.5		1.06		35	160	30
Methylene Chloride	0	25.0	24.2	96.9		0.247		55	140	30
trans-1,2-Dichloroethene	0	25.0	24.8	99.1		1.96		60	140	30
Vinyl acetate	0	25.0	27.0	108		0.633		72	121	30
Methyl tert-Butyl Ether	0	25.0	26.4	106		0.151		65	125	30
1,1-Dichloroethane	0	25.0	22.7	90.8		0.483		70	135	30
2-Butanone	0	125	130	104		4.37		30	150	30
cis-1,2-Dichloroethene	0	25.0	24.6	98.6		2.17		70	125	30
2,2-Dichloropropane	0	25.0	21.8	87.0		1.37		70	135	30
Bromochloromethane	0	25.0	23.7	94.8		0.127		65	130	30
Chloroform	0	25.0	23.8	95.3		0.711		65	135	30
1,1,1-Trichloroethane	0	25.0	23.9	95.7		0.500		65	130	30
1,1-Dichloropropene	0	25.0	24.5	97.9		1.50		75	130	30
Carbon Tetrachloride	0	25.0	25.5	102		1.18		65	140	30
1,2-Dichloroethane	0	25.0	25.7	103		1.49		70	130	30
Benzene	0	25.0	26.1	104		0.654		80	120	30
Trichloroethene	0	25.0	24.0	96.0		2.06		70	125	30
1,2-Dichloropropane	0	25.0	22.7	90.8		0.0881		75	125	30
Dibromomethane	0	25.0	23.8	95.4		0.420		75	125	30
Bromodichloromethane	0	25.0	24.7	98.7		0.162		75	120	30
cis-1,3-Dichloropropene	0	25.0	24.3	97.2		0.247		70	130	30
4-Methyl-2-pentanone	0	125	128	102		4.14		60	135	30
Toluene	0	25.0	25.3	101		1.55		75	120	30
trans-1,3-Dichloropropene	0	25.0	25.4	102		0.354		55	140	30
1,1,2-Trichloroethane	0	25.0	23.5	94.1		2.54		75	125	30
1,3-Dichloropropane	0	25.0	23.1	92.4		1.61		75	125	30
Tetrachloroethene	0	25.0	20.9	83.5		3.02		45	150	30
2-Hexanone	0	125	122	97.6		6.51		55	130	30
Dibromochloromethane	0	25.0	24.7	99.0		0.975		60	135	30
1,2-Dibromoethane	0	25.0	22.9	91.6		0.522		80	120	30
Chlorobenzene	0	25.0	22.4	89.6		2.58		80	120	30
1,1,1,2-Tetrachloroethane	0	25.0	24.8	99.1		2.78		80	130	30
Ethylbenzene	0	25.0	22.4	89.5		1.21		75	125	30
m-Xylene/p-Xylene	0	50.0	47.0	93.9		0.171		75	130	30
o-Xylene	0	25.0	22.6	90.4		0.443		80	120	30
Styrene	0	25.0	23.1	92.5		1.92		65	135	30
Bromoform	0	25.0	25.8	103		3.67		70	130	30
Isopropylbenzene	0	25.0	23.0	91.9		2.25		75	125	30
1,2,3-Trichloropropane	0	25.0	25.6	102		2.98		75	125	30
1,1,2,2-Tetrachloroethane	0	25.0	23.4	93.5		4.24		65	130	30
Bromobenzene	0	25.0	22.7	90.7		1.91		75	125	30
n-Propylbenzene	0	25.0	23.1	92.3		0.608		70	130	30
2-Chlorotoluene	0	25.0	24.1	96.4		2.95		75	125	30
4-Chlorotoluene	0	25.0	23.8	95.1		1.57		75	130	30

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806170-MSD2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
1,3,5-Trimethylbenzene	0	25.0	22.4	89.5		1.08		75	130	30
tert-Butylbenzene	0	25.0	22.9	91.8		1.89		70	130	30
1,2,4-Trimethylbenzene	0	25.0	22.6	90.2		1.38		75	130	30
sec-Butylbenzene	0	25.0	24.4	97.8		4.01		70	125	30
1,3-Dichlorobenzene	0	25.0	22.2	89.0		1.95		75	125	30
1,4-Dichlorobenzene	0	25.0	22.2	88.7		0.629		75	125	30
1,2-Dichlorobenzene	0	25.0	22.8	91.4		2.57		70	120	30
4-Isopropyltoluene	0	25.0	24.0	95.9		3.83		75	130	30
n-Butylbenzene	0	25.0	23.4	93.8		2.68		70	135	30
1,2-Dibromo-3-chloropropane	0	25.0	24.7	98.6		4.39		50	130	30
1,2,4-Trichlorobenzene	0	25.0	24.0	95.8		5.05		65	135	30
1,2,3-Trichlorobenzene	0	25.0	23.9	95.8		4.01		55	140	30
Hexachlorobutadiene	0	25.0	22.9	91.6		6.59		50	140	30
Naphthalene	0	25.0	25.4	102		7.80		55	140	30

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

July 10, 2008

Mr. Judson Smith
Project Chemist, CESAS-EN-GG
U.S. Army Corps of Engineers, Savannah District
100 W. Oglethorpe Ave.
P. O. Box 889
Savannah, GA 31401-0360
Phone: 912-652-5673
Fax: 912-652-5311

Dear Mr. Smith:

RE: Ft. Bragg Longstreet Landfill, DO# 0109
W912HN-05-D-0013
AML Work Order Number: **0806037**

Attached, please find the hardcopy analytical report (242 total pages) for environmental samples collected by CESAS for the project described above. The analytical results included in this report relate only to the samples received by Analytical Management Laboratories (AML). Problems encountered in the analysis of these samples are documented in the laboratory case narrative observations and non-conformances and/or data qualifiers. The case narrative is an integral part of this report. This report has been paginated and may not be reproduced for distribution, except in full, without the written approval of AML. Results are reported to three significant figures; the third significant figure may be estimated. Please feel free to contact me by phone (913-829-0101-ext. 23), fax (913-829-1181) or email (rstrauss@amlabinc.com) if you have any questions.

Respectfully Submitted,
Analytical Management Laboratories, Inc. Rebecca E. Strauss
Rebecca Strauss
Project Manager

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Case Narrative

Project and Sample Information

Task order information, completed copies of the chain of custody form(s), and Analytical Management Laboratories (AML) sample condition upon receipt form (s) are included in the Project and Sample Information section. The AML laboratory information management system (LIMS)-generated sample status and receipt report, showing field sample identifiers and corresponding laboratory identifiers is also included.

Reports

The hardcopy laboratory reports and electronic data deliverables (EDDs) were prepared using the Promium Element Data System (LIMS). Under the procedure used by the laboratory, the hardcopy reports are generated using information contained in a database, which is also used to generate electronic deliverables to assure data integrity between the two media. The attached report is organized as follows:

Cover Letter
Laboratory Case Narrative
Sample Information
Sample Result Forms, organized in the following order: by test and by sample.

Quality Control (QC) Summary Reports, organized in the following order: by test, by matrix, and by QC batch number. The QC Summary for each analytical batch contains the following, when applicable:

1. QC Association Form
2. Surrogate Recovery Summary, when applicable
3. Method Blank (MB) Results
4. Laboratory Control Sample (LCS) Results
5. LCS duplicate (LCSD) Results, when available
6. LCS Recoveries Summary
7. LCSD (when applicable) Recoveries and RPD Summary
8. Matrix Spike (MS) Results
9. MS duplicate (MSD) Results
10. MS Recoveries Summary
11. MSD Recoveries and RPD Summary

Sample Result Forms
Sample results are shown on modified Form 1 equivalents with the following qualifiers:
U = Not detected or detected below method detection limit (MDL) or the limit of detection (LOD).
J = Detected above MDL or LOD but below the limit of quantitation (LOQ).

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

P = RPD >40% between primary and confirmation column results for dual column chromatographic methods (e.g. GC and HPLC methods).
E = Detected at levels in excess of the upper calibration limit.
B = Detected in the associated method blank
Q1 = The %D or %Drift for the associated CCV is outside the method and/or laboratory established QC limit with a high bias.
Q2 = The %D or %Drift for the associated CCV is outside the method and/or laboratory established QC limit with a low bias.
* = Exceeds QC limits
ME = Marginal exceedence of the 3-sigma QC limits
ME* = Exceedence of the 4-sigma QC limits
X = as defined in the case narrative when utilized

The LODs and LOQs have been adjusted for sample weight or volume, dilution, and percent solids, when applicable. MDLs are statistically defined, instrument-specific quantities, which are used as LODs for some tests. For situations when multiple MDLs exist for a test (e.g several instruments running the same test on a given matrix) or when MDLs are unachievable on a routine basis, LODs, which may be greater than MDL but typically one-half of the applicable LOQs are used to define cut-off points for reporting positive results. The LOQs are typically the lowest point on the initial calibration curve.

Quantitative results for analytes detected in the sample (positive results) are shown under the column labeled "Result". Results coded with the qualifier E should not be used unless additional analyses were unavailable due to other limitations. Data coded as E should not be compared to other data since non-linearity in calibration may be a severe problem for some analytes. Multiple sample result forms may be provided for one or more of the following reasons:
Sample was reanalyzed for surrogate or internal standard recovery outliers;
Sample was reanalyzed at a dilution;
One of the analyses was performed outside holding times;
A replicate analysis was performed for other quality control purposes;
Client requirements

QC Association Forms

The list consisting of MB, LCS, LCSD (if any), MS (whenever available), MSD (whenever available), and field samples from the reported AML work order that are associated with each QC batch are shown on QC Association Forms. Additional items such as PDS, SD may be included for some parameters (e.g metals). Separate forms are included for each QC batch, for each matrix and test.

Surrogate Recovery Forms

A summary of the system monitoring compound recoveries for organic analyses is included in this section. The QC limits from the Department of Defense Quality Systems Manual for Environmental Laboratories, Final Version 3, January 2006 is used in the reports, when available.

Method-specified limits or in-house limits are used as applicable. Corrective action involving re-extraction and/or reanalysis is performed for samples that exceed the surrogate QC limits.

Method Blank Result Forms

The QC limit for the Method Blank is set at one half of the applicable LOQ for each target analyte with the exception of common laboratory contaminants, which is set at the LOQ.

Laboratory Control Sample (LCS) Report Forms

Laboratory control samples were analyzed with each QC batch as described in the QC Association Form. Laboratory Control sample limits are set as a default to the DOD QSM limits when available. When the 3-sigma control limit is exceeded for any analyte, the LCS report is flagged "ME". The total number of method analytes, and the number of ME analytes are tracked and compared against the number allowed per NELAC and the DOD QSM. This information is summarized at the bottom of the recoveries summary reports. Analytes with LCS recoveries that exceed the 4-sigma limits are flagged ME* and reanalysis may be required for the affected analyte if it is a contaminant of concern. The relative percent differences (RPDs) for the LCS duplicates, a voluntary laboratory QC parameter, are computed to track in-house precision for method duplicates.

Matrix Spike/Matrix Spike Duplicate Recoveries Report Forms

The MS/MSD results are shown in Form-1 equivalents. See section on LCS for additional details. The RPDs for MS duplicates that are outside the applicable QC limits are flagged with an asterisk (*). The effect of matrix is taken into account in determining corrective action procedures based on MS and MSD results, recoveries, and RPD.

Calibration

Instruments were calibrated in accordance with applicable method. Deviations are noted as a non-conformance. Copies of initial calibration and calibration verification summaries and associated raw data will be maintained in laboratory files and made available for detailed client review.

Test Methods and Holding Times

Analyses were performed within applicable holding times except as noted on sample reports. See parameter specific non-conformances for more information.

Batch-specific Quality Control Procedures

Quality control data from method blanks and laboratory control samples are used as batch QC elements. In accordance with EPA, USACE, and DoD guidelines, QC data from matrix spikes are used as matrix-specific QC elements and QC data from surrogates, internal standard areas, etc. are used as sample-specific QC elements. When the batch QC elements are outside their QC limits, results for associated samples are evaluated and corrective actions that affect the entire sample set are performed.

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Matrix-specific or Sample-specific Quality Control Procedures

Sample concentrations exceeding the upper calibration limit, surrogate recoveries outside the QC limits, calibration parameters not within QC limits, etc. are used as sample-specific and/or sample-group specific QC elements for one or more associated samples during instrumental analysis. Serial dilution, standard addition, MS recoveries, etc. are used as matrix-specific QC elements for one or more associated samples. When these QC elements are outside their QC limits, associated individual sample results are evaluated and appropriate corrective actions are performed.

Manual Integration

Manual integration operations that have potential to improve accuracy of analysis are performed, as necessary (shown with an “M” flag on raw data) based on visual inspection of peak shapes for each target analyte. Such operations are technically defensible and they are not aimed at meeting the minimum technical requirements of the analytical procedure.

Statement

To the best of our knowledge, this data package is in compliance with the client terms and conditions, both technically and for completeness. Non-conformances are listed in the case narrative and/or data qualifiers for each parameter tested.

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Project Information

Five (5) samples were received by AML on June 10, 2008 and logged in according to the Sample Status and Receipt Report included in this report. Reference the chain of custody and Sample Condition upon receipt Report for any non-conformances on receipt condition and temperature upon receipt.

Observations and Non-Conformances

Cyanide by method 335.2

There were no observations or non-conformances to report for this analysis.

Metals by method 6020A

Batch P806182 – MS/MSD recoveries were outside QC limits for Thallium biased low, due to potential matrix interference. LCS/LCSD recoveries were within QC limits.

Mercury by method 7470A

There were no observations or non-conformances to report for this analysis.

Nitrate method SM 4500 NO3 E

Both preserved and unpreserved containers were received for Nitrate, only the preserved analysis by SM-4500-NO3 E was performed and reported as Nitrate/Nitrite as it was not able to be completed within the 48 hr analytical hold for Nitrate.

Batch P806313 – The method blank (MB) had low level contamination of Nitrate below the LOQ, but above the LOD at 0.0210 mg/L. Affected samples were “B” flagged and up to 10 times the amount found in the method blank may be attributable to potential laboratory contamination. As the contamination was below the LOD the data is considered acceptable and is reported with the narrative.

PCBs method 8082

Sample 0806037-03 had matrix interference with the internal standards on the first column and thus failed for DCB; data for this sample is reported from the second column.

Pesticides method 8081B

Sample 0806037-03 had matrix interference with the internal standards on the first column and thus failed for DCB; data for this sample is reported from the second column.

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Batch P806248 - LCS/LCSD and MS/MSD recoveries for delta-BHC were outside QC limits, the marginal exceedence is within the allowed number of outliers for the number of compounds reported.

Sulfide by method 376.2

Batch P806259 – MSD recovery for Sulfide was outside of QC limits biased high due to potential matrix interference. LCS/LCSD and MS recoveries were within QC limits.

SVOCs method 8270C

LCSD recovery was outside QC limits for 4-Chloroaniline as flagged on summary reports; the marginal exceedences are within the allowed number of outliers for the number of compounds reported. LCS/LCSD is acceptable.

Batch P806275 – There were two MS/MSDs associated with this batch. MS1/MSD1 recoveries were outside QC limits for multiple compounds as flagged on the MS1/MSD1 summary reports. MS2/MSD2 recoveries were within QC limits.

VOCs method 8260B

Compounds outside the laboratory established 20% Drift/Difference limit for the Continuing Calibration Verification have been "Q2" flagged. Bromomethane was outside QC limits biased low. Compounds are flagged to inform the user of the data that compounds fell outside the 20% criteria with a low bias. All SPCC/CCC compounds were within QC limits indicating a valid CCV.

Batch P806170 – There were two MS/MSDs associated with this batch. MS1/MSD1 recoveries were outside QC limits for multiple compounds as flagged on the MS1/MSD1 summary reports. MS2/MSD2 recoveries were within QC limits.

Subcontracted Analyses

Technical support for the following analyses was provided by Accutest Laboratories, Southeast 4405 Vineland Road, Suite C-15 Orlando, FL 32811**.** The analytical report prepared by the subcontract laboratory is included. EDDs for these parameters provided by Accutest.

Organophosphorous Pesticides

Field Sample Information

(Chain of Custody Record, Sample Receipt Report, Condition Upon Receipt Report)

0806037

(Sample Delivery Group, SDG)

AML
Analytical Management Laboratories, Inc.
15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

42296

Chain of Custody Record / Request for Analysis

Client Contact Name: JUD SMITH
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W OGLETHORPE AVE
City, State, Zip: SAVANNAH, GA, 31401
Phone #: (912) 652-5673 Ext:
Fax #: (912) 652-5311
Email:

Project Name: LONGSTREET LF FT BRAGG
Project Number:
Purchase Order Number: P.O. 109
Project Due Date:
Project Comments:
Print Sampler's Name: JON COOMBS

Analysis/Method to be Performed (Check all that apply)

Laboratory Project Number: 0806037

Specify method # ---> 8260 8270 8081 8082 3030C

Preservative: List total number of bottles for each preservative type.

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4°C ICE	MeOH/EnCore	VOCs	SVOCs	Pesticides	PCBs	Herbicides	Metals (specify) APP II	DRO	GRO	Explosives	Anions (specify)	NITRATE H_2SO_4	NITRITE ICE	SULFIDE	CYANIDE	Comments:
0806037-01	SLMW-12AR-5-08	6/09/08	1035	AQ	12	3	1	1	1		5	1	3	2	1	1		1					1	1	1	1	
0806037-02	SLMW-12BR-5-08	6/09/08	0915	AQ	26	6	2	2	2	12		2	6	4	3	3		2					2	2	2	2	MS/MSD
0806037-03	SLMW-10-5-08	6/09/08	1425	AQ	12	3	1	1	1		5	1	3	2	1	1		1					1	1	1	1	
0806037-04	SLMW-[illegible]-5-08	6/09/08	1640	AQ	12	3	1	1	1		5	1	3	2	1	1		1					1	1	1	1	
0806037-05	TRIP BLANK	6/9/08	1830	AQ	2	2							2														
6																											
7																											
8																											
9																											
10																											

Please include any information that may be useful in the analysis of the sample.
Example: high concentration
List analytes
MS/MSD

CUSTODY						
Relinquished By:	[signature]	Date/Time: 6/09/08 1900	Received By: SHIPPER	Date/Time: 6/09/08	6/9/08 1900
Relinquished By:		Date/Time:	Received By: [signature]	Date/Time:	6/10/08 1000am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier FedEx ☐ Airbill #: See Sample Rept Form	☑ Yes ☐ No ☐ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	____ °C ☐ Temp. Blank ☐ Cooler	AML 1282: 1.8°C AML 8292: 1.9°C AML 061501: 2.0°C AML 201: 2.0°C ICE

AML
Analytical Management Laboratories, Inc.
15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

3141

41662

Chain of Custody Record / Request for Analysis

Client Contact Name: JOE SMITH
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 WOLETHORPE AVE
City, State, Zip: SAVANNAH, GA 31401
Phone #: (912) 652-5623 Ext:
Fax #: (912) 652-5311
Email:

Project Name: LANDSTREET LF
Project Number:
Purchase Order Number:
Project Due Date: 10 DO
Project Comments:
Print Sampler's Name: JOHN COOMBS

Analysis/Method to be Performed (Check all that apply)

Laboratory Project Number: D806039

Specify method # ---> 8141

Lab ID	Sample Description (12 AR)	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4°C ICE	VOCs	SVOCs	Pesticides	PCBs	Herbicides	Metals (specify)	DRO	GRO	Explosives	Anions (specify)	OPP/ALDRIN/DIELDRIN				Comments:
1	SLMW-12AR5-09	6/9/09	1035	AQ	2						2											2				
2	SLMW-12BR5-09	6/9/09	0915	AQ	4						4											4				MS/MSD
3	SLMW-10-5-09	6/9/09	1425	AQ	2						2											2				
4																										
5																										
6																										
7																										
8																										
9																										
10																										

Please include any information that may be useful in the analysis of the sample.
Example: high concentration
List analytes
MS/MSD

CUSTODY							
Relinquished By:	[signature]	Date/Time:	6/9/09 1900	Received By:	SHIPPER	Date/Time:	6/9/09 1900
Relinquished By:		Date/Time:		Received By:		Date/Time:	

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method: ☐ Delivered in Person ☐ Courier ☐ Airline
Custody Seals: ☐ Yes ☐ No ☐ Intact ☐ Broken
Coolers: ☐ Yes ☐ No ☐ Wet Ice ☐
Temp Blank: ☐ Yes ☐ No ☐
Comments:

Analytical Management Laboratories - Sample Status and Receipt Report

AML Project Number	0806037	**Client AML ID**	USACE Savannah	**Report Lvl.** 3
Work Order Due Date	06/24/08	**Client Project ID**	Longstreet LF, Ft Bragg, NC, DO# 109	
Work Order TAT	14			

AML Sample	*Matrix*	Client Sample ID	Date Collected	Projected Analytical Due Date	Analysis	Comments
0806037-01	Water	SLMW-12AR-5-08	06/09/08 10:35	06/22/08	Cyanide by 335.2	
0806037-01	Water	SLMW-12AR-5-08	06/09/08 10:35	06/22/08	NO2 and NO3 by 300.0	Nitrate
0806037-01	Water	SLMW-12AR-5-08	06/09/08 10:35	06/22/08	SVOCs, BNA by 8270C	
0806037-01	Water	SLMW-12AR-5-08	06/09/08 10:35	06/22/08	VOCs by 8260B	
0806037-01	Water	SLMW-12AR-5-08	06/09/08 10:35	06/22/08	Metals, Hg by 7470A	
0806037-01	Water	SLMW-12AR-5-08	06/09/08 10:35	06/22/08	Pesticides by 8081B	
0806037-01	Water	SLMW-12AR-5-08	06/09/08 10:35	06/22/08	Sulfide by 376.2	
0806037-01	Water	SLMW-12AR-5-08	06/09/08 10:35	06/22/08	Metals by 6010B	Appendix II Metals
0806037-01	Water	SLMW-12AR-5-08	06/09/08 10:35	06/22/08	8141	
0806037-01	Water	SLMW-12AR-5-08	06/09/08 10:35	06/22/08	Metals by 6020A	Appendix II Metals
0806037-01	Water	SLMW-12AR-5-08	06/09/08 10:35	06/22/08	PCBs by 8082	
0806037-02	Water	SLMW-12BR-5-08	06/09/08 09:15	06/22/08	SVOCs, BNA by 8270C	MS MSD
0806037-02	Water	SLMW-12BR-5-08	06/09/08 09:15	06/22/08	PCBs by 8082	MS MSD
0806037-02	Water	SLMW-12BR-5-08	06/09/08 09:15	06/22/08	Metals by 6010B	MS MSD, Appendix II Metals
0806037-02	Water	SLMW-12BR-5-08	06/09/08 09:15	06/22/08	NO2 and NO3 by 300.0	MS MSD, Nitrate
0806037-02	Water	SLMW-12BR-5-08	06/09/08 09:15	06/22/08	Cyanide by 335.2	MS MSD
0806037-02	Water	SLMW-12BR-5-08	06/09/08 09:15	06/22/08	Sulfide by 376.2	MS MSD
0806037-02	Water	SLMW-12BR-5-08	06/09/08 09:15	06/22/08	8141	MS MSD
0806037-02	Water	SLMW-12BR-5-08	06/09/08 09:15	06/22/08	Metals by 6020A	MS MSD, Appendix II Metals
0806037-02	Water	SLMW-12BR-5-08	06/09/08 09:15	06/22/08	VOCs by 8260B	MS MSD
0806037-02	Water	SLMW-12BR-5-08	06/09/08 09:15	06/22/08	Pesticides by 8081B	MS MSD
0806037-02	Water	SLMW-12BR-5-08	06/09/08 09:15	06/22/08	Metals, Hg by 7470A	MS MSD

Analytical Management Laboratories - Sample Status and Receipt Report

AML Project Number 0806037

Work Order Due Date 06/24/08

Work Order TAT 14

Client AML ID USACE Savannah

Report Lvl. 3

Client Project ID Longstreet LF, Ft Bragg, NC, DO# 109

AML Sample	*Matrix*	Client Sample ID	Date Collected	Projected Analytical Due Date	Analysis	Comments
0806037-03	Water	SLMW-10-5-08	06/09/08 14:25	06/22/08	SVOCs, BNA by 8270C	
0806037-03	Water	SLMW-10-5-08	06/09/08 14:25	06/22/08	Metals by 6020A	Appendix II Metals
0806037-03	Water	SLMW-10-5-08	06/09/08 14:25	06/22/08	Pesticides by 8081B	
0806037-03	Water	SLMW-10-5-08	06/09/08 14:25	06/22/08	Metals by 6010B	Appendix II Metals
0806037-03	Water	SLMW-10-5-08	06/09/08 14:25	06/22/08	Cyanide by 335.2	
0806037-03	Water	SLMW-10-5-08	06/09/08 14:25	06/22/08	Metals, Hg by 7470A	
0806037-03	Water	SLMW-10-5-08	06/09/08 14:25	06/22/08	VOCs by 8260B	
0806037-03	Water	SLMW-10-5-08	06/09/08 14:25	06/22/08	8141	
0806037-03	Water	SLMW-10-5-08	06/09/08 14:25	06/22/08	NO2 and NO3 by 300.0	Nitrate
0806037-03	Water	SLMW-10-5-08	06/09/08 14:25	06/22/08	PCBs by 8082	
0806037-03	Water	SLMW-10-5-08	06/09/08 14:25	06/22/08	Sulfide by 376.2	
0806037-04	Water	SLMW-6-5-08	06/09/08 16:40	06/22/08	SVOCs, BNA by 8270C	
0806037-04	Water	SLMW-6-5-08	06/09/08 16:40	06/22/08	Cyanide by 335.2	
0806037-04	Water	SLMW-6-5-08	06/09/08 16:40	06/22/08	PCBs by 8082	
0806037-04	Water	SLMW-6-5-08	06/09/08 16:40	06/22/08	Sulfide by 376.2	
0806037-04	Water	SLMW-6-5-08	06/09/08 16:40	06/22/08	VOCs by 8260B	
0806037-04	Water	SLMW-6-5-08	06/09/08 16:40	06/22/08	Metals by 6020A	Appendix II Metals
0806037-04	Water	SLMW-6-5-08	06/09/08 16:40	06/22/08	Pesticides by 8081B	
0806037-04	Water	SLMW-6-5-08	06/09/08 16:40	06/22/08	Metals, Hg by 7470A	
0806037-04	Water	SLMW-6-5-08	06/09/08 16:40	06/22/08	NO2 and NO3 by 300.0	Nitrate
0806037-04	Water	SLMW-6-5-08	06/09/08 16:40	06/22/08	Metals by 6010B	Appendix II Metals
0806037-05	Water	Trip Blank	06/09/08 18:30	06/22/08	VOCs by 8260B	

Analytical Management Laboratories, Inc.

AML - Sample Condition Upon Receipt Report
(See Comments for exceptions)

Client ID: USACE Sav

Project ID: Longstreet LF, Ft Bragg, NC, DO# 1

AML Work Order Number: 0806037

Cooler ID: AML061501

Delivery Method

Delivery Method: Fed Ex

Name of Person Receiving Samples: Nissa Said

Airbill Number: 8425919729600215

Custody Seals

Were Custody Seals Present? Yes

Were Custody Seals Intact? Yes

Cooler Opened By: Nissa Said

Date Opened 6/10/2008

Packaging / Coolant / Temperature

Type of Coolant Used: Ice

Temperature of Cooler: 2.00°C

Type of Packing Used: Bubble Wrap

Did all the bottles arrive unbroken? Yes

Were all bottles sealed in separate plastic bags? Yes

Chain of Custody

Was Chain of Custody filled out properly? Yes

Do Chain of Custody and Sample Labels agree? Yes

Comments/ Exceptions: AML8292: 795515409817, AML1282: 842591972960, AML061501: 795515409839, AML201: 795515409806.

Were all sample labels complete? Yes

Was a sufficient amount of sample sent for analysis? Yes

Were samples received in proper containers? Yes

Were air bubbles absent in VOA samples? NA

Was sample pH within QC limits? Yes (if no see comments)

Was project manager contacted about any "out of control" issues? Yes

Samples Received by: Nissa Said

Project Manager Review: [illegible]

Date: 6/7/08

Analytical Management Laboratories, Inc.

AML - Sample Condition Upon Receipt Report
(See Comments for exceptions)

Client ID: USACE_Sav

AML Work Order Number: 0806037

Project ID: Longstreet LF, Ft Bragg, NC, DO# 1

Cooler ID: AML1282

Delivery Method

Delivery Method: Fed Ex

Name of Person Receiving Samples: Nissa Said

Airbill Number: 8425919729600215

Custody Seals

Were Custody Seals Present? Yes

Cooler Opened By: Nissa Said

Were Custody Seals Intact? Yes

Date Opened 6/10/2008

Packaging / Coolant / Temperature

Type of Coolant Used: Ice

Temperature of Cooler: 1.80°C

Type of Packing Used: Bubble Wrap

Did all the bottles arrive unbroken? Yes

Were all bottles sealed in separate plastic bags? Yes

Chain of Custody

Was Chain of Custody filled out properly? Yes

Do Chain of Custody and Sample Labels agree? Yes

Comments/ Exceptions: AML8292: 795515409817, AML1282: 842591972960, AML061501: 795515409839, AML201: 795515409806.

Were all sample labels complete? Yes

Was a sufficient amount of sample sent for analysis? Yes

Were samples received in proper containers? Yes

Were air bubbles absent in VOA samples? NA

Was sample pH within QC limits? Yes (if no see comments)

Was project manager contacted about any "out of control" issues? Yes

Samples Received by: Nissa Said

Project Manager Review: LMA

Date: 7/7/08

Analytical Management Laboratories, Inc.

AML - Sample Condition Upon Receipt Report
(See Comments for exceptions)

Client ID: USACE Sav

Project ID: Longstreet LF, Ft Bragg, NC, DO# 1

AML Work Order Number: 0806037

Cooler ID: AML201

Delivery Method

Delivery Method: Fed Ex

Name of Person Receiving Samples: Nissa Said

Airbill Number: 8425919729600215

Custody Seals

Were Custody Seals Present? Yes

Were Custody Seals Intact? Yes

Cooler Opened By: Nissa Said

Date Opened 6/10/2008

Packaging / Coolant / Temperature

Type of Coolant Used: Ice

Temperature of Cooler: 2.00°C

Type of Packing Used: Bubble Wrap

Did all the bottles arrive unbroken? Yes

Were all bottles sealed in separate plastic bags? Yes

Chain of Custody

Was Chain of Custody filled out properly? Yes

Do Chain of Custody and Sample Labels agree? Yes

Comments/ Exceptions: AML8292: 795515409817, AML1282: 842591972960, AML061501: 795515409839, AML201: 795515409806.

Were all sample labels complete? Yes

Was a sufficient amount of sample sent for analysis? Yes

Were samples received in proper containers? Yes

Were air bubbles absent in VOA samples? Yes

Was sample pH within QC limits? Yes
(if no see comments)

Was project manager contacted about any "out of control" issues? Yes

Samples Received by: Nissa Said

Project Manager Review: [signature]

Date: 7/7/08

Analytical Management Laboratories, Inc.

AML - Sample Condition Upon Receipt Report
(See Comments for exceptions)

Client ID: USACE_Sav

Project ID: Longstreet LF, Ft Bragg, NC, DO# 1

AML Work Order Number: 0806037

Cooler ID: AML8292

Delivery Method

Delivery Method: Fed Ex

Name of Person Receiving Samples: Nissa Said

Airbill Number: 8425919729600215

Custody Seals

Were Custody Seals Present? Yes

Were Custody Seals Intact? Yes

Cooler Opened By: Nissa Said

Date Opened 6/10/2008

Packaging / Coolant / Temperature

Type of Coolant Used: Ice

Temperature of Cooler: 1.90°C

Type of Packing Used: Bubble Wrap

Did all the bottles arrive unbroken? Yes

Were all bottles sealed in separate plastic bags? Yes

Chain of Custody

Was Chain of Custody filled out properly? Yes

Do Chain of Custody and Sample Labels agree? Yes

Comments/ Exceptions: AML8292: 795515409817, AML1282: 842591972960, AML061501: 795515409839, AML201: 795515409806.

Were all sample labels complete? Yes

Was a sufficient amount of sample sent for analysis? Yes

Were samples received in proper containers? Yes

Were air bubbles absent in VOA samples? NA

Was sample pH within QC limits? Yes (if no see comments)

Was project manager contacted about any "out of control" issues? Yes

Samples Received by: Nissa Said

Project Manager Review: MA

Date: 7/7/08

Field Sample Analysis Data Sheets

(Form I equivalents)

0806037

(Sample Delivery Group, SDG)

335.2

(Parameter)

P806315

(Analytical Batch)

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-12AR-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806037-01
% Solids:	NA	Date Collected:	06/09/08 10:35
Analytical Method:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806315	Date Leached:	NA
Leach Method:		Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)		mg/L	U	0.0125	0.0250	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-12BR-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806037-02
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Method:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806315	Date Leached:	NA
Leach Method:		Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)		mg/L	U	0.0125	0.0250	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-10-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806037-03
% Solids:	NA	Date Collected:	06/09/08 14:25
Analytical Method:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806315	Date Leached:	NA
Leach Method:		Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)		mg/L	U	0.0125	0.0250	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-6-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806037-04
% Solids:	NA	Date Collected:	06/09/08 16:40
Analytical Method:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806315	Date Leached:	NA
Leach Method:		Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)		mg/L	U	0.0125	0.0250	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806037

(Sample Delivery Group, SDG)

6020A

(Parameter)

P806182

(Analytical Batch)

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-12AR-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806037-01
% Solids:	NA	Date Collected:	06/09/08 10:35
Analytical Method:	6020A	Date Analyzed:	06/13/08 17:30
Preparation:	SM3030C	Date Received:	06/10/08 10:00
Batch:	P806182	Date Leached:	NA
Leach Method:		Date Prepared:	06/11/08 09:48

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium	34.8	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium	4.50	ug/L	J	2.50	5.00	1
7440-48-4	Cobalt	0.738	ug/L	J	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel	1.25	ug/L	J	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-31-5	Tin		ug/L	U	2.50	5.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc		ug/L	U	5.00	10.0	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-12BR-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806037-02
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Method:	6020A	Date Analyzed:	06/13/08 17:36
Preparation:	SM3030C	Date Received:	06/10/08 10:00
Batch:	P806182	Date Leached:	NA
Leach Method:		Date Prepared:	06/11/08 09:48

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic	1.92	ug/L	J	1.00	2.00	1
7440-39-3	Barium	36.8	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium	5.66	ug/L		2.50	5.00	1
7440-48-4	Cobalt	1.48	ug/L		0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel	3.10	ug/L		1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-31-5	Tin		ug/L	U	2.50	5.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc	13.1	ug/L		5.00	10.0	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-10-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806037-03
% Solids:	NA	Date Collected:	06/09/08 14:25
Analytical Method:	6020A	Date Analyzed:	06/16/08 17:19
Preparation:	SM3030C	Date Received:	06/10/08 10:00
Batch:	P806182	Date Leached:	NA
Leach Method:		Date Prepared:	06/11/08 09:48

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	0.616	ug/L	J	0.500	1.00	1
7440-38-2	Arsenic	2.23	ug/L		1.00	2.00	1
7440-39-3	Barium	150	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium	0.867	ug/L	J	0.500	1.00	1
7440-47-3	Chromium	3.11	ug/L	J	2.50	5.00	1
7440-48-4	Cobalt	2.72	ug/L		0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel	1.31	ug/L	J	1.00	2.00	1
7782-49-2	Selenium	2.06	ug/L	J	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-31-5	Tin		ug/L	U	2.50	5.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc	10.8	ug/L		5.00	10.0	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-6-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806037-04
% Solids:	NA	Date Collected:	06/09/08 16:40
Analytical Method:	6020A	Date Analyzed:	06/13/08 18:35
Preparation:	SM3030C	Date Received:	06/10/08 10:00
Batch:	P806182	Date Leached:	NA
Leach Method:		Date Prepared:	06/11/08 09:48

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic	1.09	ug/L	J	1.00	2.00	1
7440-39-3	Barium	6.44	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium	5.12	ug/L		2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel		ug/L	U	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-31-5	Tin		ug/L	U	2.50	5.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc	7.99	ug/L	J	5.00	10.0	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806037

(Sample Delivery Group, SDG)

7470A

(Parameter)

P806237

(Analytical Batch)

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-12AR-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806037-01
% Solids:	NA	Date Collected:	06/09/08 10:35
Analytical Method:	7470A	Date Analyzed:	06/16/08 16:43
Preparation:	EPA 7470A Prep	Date Received:	06/10/08 10:00
Batch:	P806237	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-12BR-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806037-02
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Method:	7470A	Date Analyzed:	06/16/08 16:45
Preparation:	EPA 7470A Prep	Date Received:	06/10/08 10:00
Batch:	P806237	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-10-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806037-03
% Solids:	NA	Date Collected:	06/09/08 14:25
Analytical Method:	7470A	Date Analyzed:	06/16/08 17:02
Preparation:	EPA 7470A Prep	Date Received:	06/10/08 10:00
Batch:	P806237	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-6-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806037-04
% Solids:	NA	Date Collected:	06/09/08 16:40
Analytical Method:	7470A	Date Analyzed:	06/16/08 17:04
Preparation:	EPA 7470A Prep	Date Received:	06/10/08 10:00
Batch:	P806237	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806037

(Sample Delivery Group, SDG)

SM-4500-NO3 E

(Parameter)

P806313

(Analytical Batch)

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-12AR-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806037-01
% Solids:	NA	Date Collected:	06/09/08 10:35
Analytical Method:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	06/10/08 10:00
Batch:	P806313	Date Leached:	NA
Leach Method:		Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.221	mg/L	B	0.0200	0.0400	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-12BR-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806037-02
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Method:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	06/10/08 10:00
Batch:	P806313	Date Leached:	NA
Leach Method:		Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.0710	mg/L	B	0.0200	0.0400	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-10-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806037-03
% Solids:	NA	Date Collected:	06/09/08 14:25
Analytical Method:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	06/10/08 10:00
Batch:	P806313	Date Leached:	NA
Leach Method:		Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.0360	mg/L	B, J	0.0200	0.0400	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-6-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806037-04
% Solids:	NA	Date Collected:	06/09/08 16:40
Analytical Method:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	06/10/08 10:00
Batch:	P806313	Date Leached:	NA
Leach Method:		Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.0780	mg/L	B	0.0200	0.0400	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806037

(Sample Delivery Group, SDG)

8082

(Parameter)

P806248

(Analytical Batch)

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-12AR-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	0806037-01
% Solids:	NA	Date Collected:	06/09/08 10:35
Analytical Method:	8082	Date Analyzed:	06/18/08 21:48
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806248	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016		ug/L	U	0.200	1.00	1
11104-28-2	Aroclor-1221		ug/L	U	0.200	1.00	1
11141-16-5	Aroclor-1232		ug/L	U	0.200	1.00	1
53469-21-9	Aroclor-1242		ug/L	U	0.200	1.00	1
12672-29-6	Aroclor-1248		ug/L	U	0.200	1.00	1
11097-69-1	Aroclor-1254		ug/L	U	0.200	1.00	1
11096-82-5	Aroclor-1260		ug/L	U	0.200	1.00	1
11100-14-4	Aroclor-1268		ug/L	U	0.200	1.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-12BR-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	0806037-02
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Method:	8082	Date Analyzed:	06/18/08 22:03
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806248	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016		ug/L	U	0.200	1.00	1
11104-28-2	Aroclor-1221		ug/L	U	0.200	1.00	1
11141-16-5	Aroclor-1232		ug/L	U	0.200	1.00	1
53469-21-9	Aroclor-1242		ug/L	U	0.200	1.00	1
12672-29-6	Aroclor-1248		ug/L	U	0.200	1.00	1
11097-69-1	Aroclor-1254		ug/L	U	0.200	1.00	1
11096-82-5	Aroclor-1260		ug/L	U	0.200	1.00	1
11100-14-4	Aroclor-1268		ug/L	U	0.200	1.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-10-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	970 mL / 5.0 mL	Lab Sample ID:	0806037-03
% Solids:	NA	Date Collected:	06/09/08 14:25
Analytical Method:	8082	Date Analyzed:	06/18/08 22:17
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806248	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016		ug/L	U	0.206	1.03	1
11104-28-2	Aroclor-1221		ug/L	U	0.206	1.03	1
11141-16-5	Aroclor-1232		ug/L	U	0.206	1.03	1
53469-21-9	Aroclor-1242		ug/L	U	0.206	1.03	1
12672-29-6	Aroclor-1248		ug/L	U	0.206	1.03	1
11097-69-1	Aroclor-1254		ug/L	U	0.206	1.03	1
11096-82-5	Aroclor-1260		ug/L	U	0.206	1.03	1
11100-14-4	Aroclor-1268		ug/L	U	0.206	1.03	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-6-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	970 mL / 5.0 mL	Lab Sample ID:	0806037-04
% Solids:	NA	Date Collected:	06/09/08 16:40
Analytical Method:	8082	Date Analyzed:	06/18/08 22:31
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806248	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016		ug/L	U	0.206	1.03	1
11104-28-2	Aroclor-1221		ug/L	U	0.206	1.03	1
11141-16-5	Aroclor-1232		ug/L	U	0.206	1.03	1
53469-21-9	Aroclor-1242		ug/L	U	0.206	1.03	1
12672-29-6	Aroclor-1248		ug/L	U	0.206	1.03	1
11097-69-1	Aroclor-1254		ug/L	U	0.206	1.03	1
11096-82-5	Aroclor-1260		ug/L	U	0.206	1.03	1
11100-14-4	Aroclor-1268		ug/L	U	0.206	1.03	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806037

(Sample Delivery Group, SDG)

8081B

(Parameter)

P806248

(Analytical Batch)

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-12AR-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	0806037-01
% Solids:	NA	Date Collected:	06/09/08 10:35
Analytical Method:	8081B	Date Analyzed:	06/17/08 21:41
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806248	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD		ug/L	U	0.0250	0.0500	1
72-55-9	4,4'-DDE		ug/L	U	0.0250	0.0500	1
50-29-3	4,4'-DDT		ug/L	U	0.0250	0.0500	1
309-00-2	Aldrin		ug/L	U	0.0125	0.0250	1
319-84-6	alpha-BHC		ug/L	U	0.0125	0.0250	1
57-74-9	Chlordane (Technical)		ug/L	U	0.250	0.500	1
5103-71-9	alpha-Chlordane		ug/L	U	0.0125	0.0250	1
319-84-6	beta-BHC		ug/L	U	0.0125	0.0250	1
319-86-8	delta-BHC		ug/L	U	0.0125	0.0250	1
60-57-1	Dieldrin		ug/L	U	0.0250	0.0500	1
959-98-8	Endosulfan I		ug/L	U	0.0125	0.0250	1
33213-65-9	Endosulfan II		ug/L	U	0.0250	0.0500	1
1031-07-8	Endosulfan sulfate		ug/L	U	0.0250	0.0500	1
72-20-8	Endrin		ug/L	U	0.0250	0.0500	1
7421-93-4	Endrin aldehyde		ug/L	U	0.0250	0.0500	1
53494-70-5	Endrin ketone		ug/L	U	0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)		ug/L	U	0.0125	0.0250	1
5103-74-2	gamma-Chlordane		ug/L	U	0.0125	0.0250	1
76-44-8	Heptachlor		ug/L	U	0.0125	0.0250	1
1024-57-3	Heptachlor epoxide	0.0207	ug/L	P, J	0.0125	0.0250	1
72-43-5	Methoxychlor		ug/L	U	0.125	0.250	1
8001-35-2	Toxaphene		ug/L	U	1.00	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-12BR-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	0806037-02
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Method:	8081B	Date Analyzed:	06/17/08 21:55
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806248	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD		ug/L	U	0.0250	0.0500	1
72-55-9	4,4'-DDE		ug/L	U	0.0250	0.0500	1
50-29-3	4,4'-DDT		ug/L	U	0.0250	0.0500	1
309-00-2	Aldrin		ug/L	U	0.0125	0.0250	1
319-84-6	alpha-BHC		ug/L	U	0.0125	0.0250	1
57-74-9	Chlordane (Technical)		ug/L	U	0.250	0.500	1
5103-71-9	alpha-Chlordane		ug/L	U	0.0125	0.0250	1
319-85-7	beta-BHC		ug/L	U	0.0125	0.0250	1
319-86-8	delta-BHC		ug/L	U	0.0125	0.0250	1
60-57-1	Dieldrin		ug/L	U	0.0250	0.0500	1
959-98-8	Endosulfan I		ug/L	U	0.0125	0.0250	1
33213-65-9	Endosulfan II		ug/L	U	0.0250	0.0500	1
1031-07-8	Endosulfan sulfate		ug/L	U	0.0250	0.0500	1
72-20-8	Endrin		ug/L	U	0.0250	0.0500	1
7421-93-4	Endrin aldehyde		ug/L	U	0.0250	0.0500	1
53494-70-5	Endrin ketone		ug/L	U	0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)		ug/L	U	0.0125	0.0250	1
5103-74-2	gamma-Chlordane		ug/L	U	0.0125	0.0250	1
76-44-8	Heptachlor		ug/L	U	0.0125	0.0250	1
1024-57-3	Heptachlor epoxide	0.318	ug/L	P	0.0125	0.0250	1
72-43-5	Methoxychlor		ug/L	U	0.125	0.250	1
8001-35-2	Toxaphene		ug/L	U	1.00	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-10-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	970 mL / 5.0 mL	Lab Sample ID:	0806037-03
% Solids:	NA	Date Collected:	06/09/08 14:25
Analytical Method:	8081B	Date Analyzed:	06/17/08 22:09
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806248	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD		ug/L	U	0.0258	0.0515	1
72-55-9	4,4'-DDE		ug/L	U	0.0258	0.0515	1
50-29-3	4,4'-DDT		ug/L	U	0.0258	0.0515	1
309-00-2	Aldrin		ug/L	U	0.0129	0.0258	1
319-84-6	alpha-BHC		ug/L	U	0.0129	0.0258	1
57-74-9	Chlordane (Technical)		ug/L	U	0.258	0.515	1
5103-71-9	alpha-Chlordane		ug/L	U	0.0129	0.0258	1
319-84-6	beta-BHC		ug/L	U	0.0129	0.0258	1
319-86-8	delta-BHC		ug/L	U	0.0129	0.0258	1
60-57-1	Dieldrin		ug/L	U	0.0258	0.0515	1
959-98-8	Endosulfan I		ug/L	U	0.0129	0.0258	1
33213-65-9	Endosulfan II		ug/L	U	0.0258	0.0515	1
1031-07-8	Endosulfan sulfate		ug/L	U	0.0258	0.0515	1
72-20-8	Endrin		ug/L	U	0.0258	0.0515	1
7421-93-4	Endrin aldehyde		ug/L	U	0.0258	0.0515	1
53494-70-5	Endrin ketone		ug/L	U	0.0258	0.0515	1
58-89-9	gamma-BHC (Lindane)		ug/L	U	0.0129	0.0258	1
5103-74-2	gamma-Chlordane		ug/L	U	0.0129	0.0258	1
76-44-8	Heptachlor		ug/L	U	0.0129	0.0258	1
1024-57-3	Heptachlor epoxide		ug/L	U	0.0129	0.0258	1
72-43-5	Methoxychlor		ug/L	U	0.129	0.258	1
8001-35-2	Toxaphene		ug/L	U	1.03	2.06	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-6-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	970 mL / 5.0 mL	Lab Sample ID:	0806037-04
% Solids:	NA	Date Collected:	06/09/08 16:40
Analytical Method:	8081B	Date Analyzed:	06/17/08 22:23
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806248	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD		ug/L	U	0.0258	0.0515	1
72-55-9	4,4'-DDE		ug/L	U	0.0258	0.0515	1
50-29-3	4,4'-DDT		ug/L	U	0.0258	0.0515	1
309-00-2	Aldrin		ug/L	U	0.0129	0.0258	1
319-84-6	alpha-BHC		ug/L	U	0.0129	0.0258	1
57-74-9	Chlordane (Technical)		ug/L	U	0.258	0.515	1
5103-71-9	alpha-Chlordane		ug/L	U	0.0129	0.0258	1
319-84-6	beta-BHC		ug/L	U	0.0129	0.0258	1
319-86-8	delta-BHC		ug/L	U	0.0129	0.0258	1
60-57-1	Dieldrin		ug/L	U	0.0258	0.0515	1
959-98-8	Endosulfan I		ug/L	U	0.0129	0.0258	1
33213-65-9	Endosulfan II		ug/L	U	0.0258	0.0515	1
1031-07-8	Endosulfan sulfate		ug/L	U	0.0258	0.0515	1
72-20-8	Endrin		ug/L	U	0.0258	0.0515	1
7421-93-4	Endrin aldehyde		ug/L	U	0.0258	0.0515	1
53494-70-5	Endrin ketone		ug/L	U	0.0258	0.0515	1
58-89-9	gamma-BHC (Lindane)		ug/L	U	0.0129	0.0258	1
5103-74-2	gamma-Chlordane		ug/L	U	0.0129	0.0258	1
76-44-8	Heptachlor		ug/L	U	0.0129	0.0258	1
1024-57-3	Heptachlor epoxide	0.173	ug/L	P	0.0129	0.0258	1
72-43-5	Methoxychlor		ug/L	U	0.129	0.258	1
8001-35-2	Toxaphene		ug/L	U	1.03	2.06	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806037

(Sample Delivery Group, SDG)

376.2

(Parameter)

P806259

(Analytical Batch)

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-12AR-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	0806037-01
% Solids:	NA	Date Collected:	06/09/08 10:35
Analytical Method:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806259	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide		mg/L	U	0.0500	0.178	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-12BR-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	0806037-02
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Method:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806259	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide		mg/L	U	0.0500	0.178	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-10-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	0806037-03
% Solids:	NA	Date Collected:	06/09/08 14:25
Analytical Method:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806259	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide	0.0560	mg/L	J	0.0500	0.178	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-6-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	0806037-04
% Solids:	NA	Date Collected:	06/09/08 16:40
Analytical Method:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806259	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide		mg/L	U	0.0500	0.178	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806037

(Sample Delivery Group, SDG)

8270C

(Parameter)

P806275

(Analytical Batch)

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-12AR-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	990 mL / 1.0 mL	Lab Sample ID:	0806037-01
% Solids:	NA	Date Collected:	06/09/08 10:35
Analytical Method:	8270C	Date Analyzed:	06/18/08 20:47
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806275	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.253	10.1	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.232	10.1	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.364	10.1	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.202	10.1	1
95-95-4	2,4,5-Trichlorophenol		ug/L	U	0.869	10.1	1
88-06-2	2,4,6-Trichlorophenol		ug/L	U	0.677	10.1	1
120-83-2	2,4-Dichlorophenol		ug/L	U	0.364	10.1	1
105-67-9	2,4-Dimethylphenol		ug/L	U	0.232	10.1	1
51-28-5	2,4-Dinitrophenol		ug/L	U	1.61	10.1	1
121-14-2	2,4-Dinitrotoluene		ug/L	U	0.354	10.1	1
606-20-2	2,6-Dinitrotoluene		ug/L	U	0.242	10.1	1
91-58-7	2-Chloronaphthalene		ug/L	U	0.162	10.1	1
95-57-8	2-Chlorophenol		ug/L	U	0.121	10.1	1
534-52-1	2-Methyl-4,6-dinitrophenol		ug/L	U	0.960	10.1	1
91-57-6	2-Methylnaphthalene		ug/L	U	2.65	10.1	1
95-48-7	2-Methylphenol		ug/L	U	0.313	10.1	1
88-74-4	2-Nitroaniline		ug/L	U	0.434	10.1	1
88-75-5	2-Nitrophenol		ug/L	U	0.354	10.1	1
91-94-1	3,3'-Dichlorobenzidine		ug/L	U	1.47	10.1	1
99-09-2	3-Nitroaniline		ug/L	U	0.343	10.1	1
101-55-3	4-Bromophenyl phenyl ether		ug/L	U	0.364	10.1	1
59-50-7	4-Chloro-3-methylphenol		ug/L	U	0.253	10.1	1
106-47-8	4-Chloroaniline		ug/L	U	0.879	10.1	1
7005-72-3	4-Chlorophenyl phenyl ether		ug/L	U	0.475	10.1	1
100-01-6	4-Nitroaniline		ug/L	U	3.57	10.1	1
100-02-7	4-Nitrophenol		ug/L	U	0.818	10.1	1
83-32-9	Acenaphthene		ug/L	U	0.182	10.1	1
208-96-8	Acenaphthylene		ug/L	U	0.121	10.1	1
120-12-7	Anthracene		ug/L	U	0.222	10.1	1
56-55-3	Benzo(a)anthracene		ug/L	U	0.091	10.1	1
50-32-8	Benzo(a)pyrene		ug/L	U	0.121	10.1	1
205-99-2	Benzo(b)fluoranthene		ug/L	U	0.087	10.1	1
191-24-2	Benzo (g,h,i) perylene		ug/L	U	0.444	10.1	1
207-08-9	Benzo(k)fluoranthene		ug/L	U	0.869	10.1	1
65-85-0	Benzoic acid		ug/L	U	2.37	10.1	1
100-51-6	Benzyl alcohol		ug/L	U	0.525	10.1	1
111-91-1	Bis(2-chloroethoxy)methane		ug/L	U	0.212	10.1	1
111-44-4	Bis(2-chloroethyl)ether		ug/L	U	0.097	10.1	1
108-60-1	Bis(2-chloroisopropyl) ether		ug/L	U	0.444	10.1	1
117-81-7	Bis(2-ethylhexyl) phthalate		ug/L	U	0.596	10.1	1
85-68-7	Butyl benzyl phthalate		ug/L	U	0.414	10.1	1
86-74-8	Carbazole		ug/L	U	0.343	10.1	1
218-01-9	Chrysene		ug/L	U	0.404	10.1	1
53-70-3	Dibenz(a,h)anthracene		ug/L	U	2.28	10.1	1
132-64-9	Dibenzofuran		ug/L	U	0.172	10.1	1
84-66-2	Diethyl phthalate		ug/L	U	0.414	10.1	1
131-11-3	Dimethyl phthalate		ug/L	U	0.313	10.1	1
84-74-2	Di-n-butyl phthalate		ug/L	U	0.222	10.1	1
117-84-0	Di-n-octyl phthalate		ug/L	U	1.90	10.1	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-12AR-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	990 mL / 1.0 mL	Lab Sample ID:	0806037-01
% Solids:	NA	Date Collected:	06/09/08 10:35
Analytical Method:	8270C	Date Analyzed:	06/18/08 20:47
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806275	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
122-39-4	Diphenylamine		ug/L	U	0.636	10.1	1
206-44-0	Fluoranthene		ug/L	U	0.222	10.1	1
86-73-7	Fluorene		ug/L	U	0.424	10.1	1
118-74-1	Hexachlorobenzene		ug/L	U	0.131	10.1	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.960	10.1	1
77-47-4	Hexachlorocyclopentadiene		ug/L	U	0.323	10.1	1
67-72-1	Hexachloroethane		ug/L	U	0.313	10.1	1
193-39-5	Indeno (1,2,3-cd) pyrene		ug/L	U	1.58	10.1	1
78-59-1	Isophorone		ug/L	U	0.121	10.1	1
91-20-3	Naphthalene		ug/L	U	0.242	10.1	1
98-95-3	Nitrobenzene		ug/L	U	0.333	10.1	1
62-75-9	N-Nitrosodimethylamine		ug/L	U	0.364	10.1	1
621-64-7	N-Nitrosodi-n-propylamine		ug/L	U	0.364	10.1	1
86-30-6	N-Nitrosodiphenylamine		ug/L	U	0.141	10.1	1
87-86-5	Pentachlorophenol		ug/L	U	0.303	10.1	1
85-01-8	Phenanthrene		ug/L	U	0.242	10.1	1
108-95-2	Phenol		ug/L	U	0.121	10.1	1
129-00-0	Pyrene		ug/L	U	0.404	10.1	1
34MP	3 & 4 Methylphenol		ug/L	U	4.04	20.2	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-12BR-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	0806037-02
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Method:	8270C	Date Analyzed:	06/18/08 21:13
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806275	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.250	10.0	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.230	10.0	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.360	10.0	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol		ug/L	U	0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol		ug/L	U	0.670	10.0	1
120-83-2	2,4-Dichlorophenol		ug/L	U	0.360	10.0	1
105-67-9	2,4-Dimethylphenol		ug/L	U	0.230	10.0	1
51-28-5	2,4-Dinitrophenol		ug/L	U	1.59	10.0	1
121-14-2	2,4-Dinitrotoluene		ug/L	U	0.350	10.0	1
606-20-2	2,6-Dinitrotoluene		ug/L	U	0.240	10.0	1
91-58-7	2-Chloronaphthalene		ug/L	U	0.160	10.0	1
95-57-8	2-Chlorophenol		ug/L	U	0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol		ug/L	U	0.950	10.0	1
91-57-6	2-Methylnaphthalene		ug/L	U	2.62	10.0	1
95-48-7	2-Methylphenol		ug/L	U	0.310	10.0	1
88-74-4	2-Nitroaniline		ug/L	U	0.430	10.0	1
88-75-5	2-Nitrophenol		ug/L	U	0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine		ug/L	U	1.46	10.0	1
99-09-2	3-Nitroaniline		ug/L	U	0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether		ug/L	U	0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol		ug/L	U	0.250	10.0	1
106-47-8	4-Chloroaniline		ug/L	U	0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether		ug/L	U	0.470	10.0	1
100-01-6	4-Nitroaniline		ug/L	U	3.53	10.0	1
100-02-7	4-Nitrophenol		ug/L	U	0.810	10.0	1
83-32-9	Acenaphthene		ug/L	U	0.180	10.0	1
208-96-8	Acenaphthylene		ug/L	U	0.120	10.0	1
120-12-7	Anthracene		ug/L	U	0.220	10.0	1
56-55-3	Benzo(a)anthracene		ug/L	U	0.090	10.0	1
50-32-8	Benzo(a)pyrene		ug/L	U	0.120	10.0	1
205-99-2	Benzo(b)fluoranthene		ug/L	U	0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene		ug/L	U	0.440	10.0	1
207-08-9	Benzo(k)fluoranthene		ug/L	U	0.860	10.0	1
65-85-0	Benzoic acid		ug/L	U	2.35	10.0	1
100-51-6	Benzyl alcohol		ug/L	U	0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane		ug/L	U	0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether		ug/L	U	0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether		ug/L	U	0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate		ug/L	U	0.590	10.0	1
85-68-7	Butyl benzyl phthalate		ug/L	U	0.410	10.0	1
86-74-8	Carbazole		ug/L	U	0.340	10.0	1
218-01-9	Chrysene		ug/L	U	0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene		ug/L	U	2.26	10.0	1
132-64-9	Dibenzofuran		ug/L	U	0.170	10.0	1
84-66-2	Diethyl phthalate		ug/L	U	0.410	10.0	1
131-11-3	Dimethyl phthalate		ug/L	U	0.310	10.0	1
84-74-2	Di-n-butyl phthalate		ug/L	U	0.220	10.0	1
117-84-0	Di-n-octyl phthalate		ug/L	U	1.88	10.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-12BR-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	0806037-02
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Method:	8270C	Date Analyzed:	06/18/08 21:13
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806275	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
122-39-4	Diphenylamine		ug/L	U	0.630	10.0	1
206-44-0	Fluoranthene		ug/L	U	0.220	10.0	1
86-73-7	Fluorene		ug/L	U	0.420	10.0	1
118-74-1	Hexachlorobenzene		ug/L	U	0.130	10.0	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene		ug/L	U	0.320	10.0	1
67-72-1	Hexachloroethane		ug/L	U	0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene		ug/L	U	1.56	10.0	1
78-59-1	Isophorone		ug/L	U	0.120	10.0	1
91-20-3	Naphthalene		ug/L	U	0.240	10.0	1
98-95-3	Nitrobenzene		ug/L	U	0.330	10.0	1
62-75-9	N-Nitrosodimethylamine		ug/L	U	0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine		ug/L	U	0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine		ug/L	U	0.140	10.0	1
87-86-5	Pentachlorophenol		ug/L	U	0.300	10.0	1
85-01-8	Phenanthrene		ug/L	U	0.240	10.0	1
108-95-2	Phenol		ug/L	U	0.120	10.0	1
129-00-0	Pyrene		ug/L	U	0.400	10.0	1
34MP	3 & 4 Methylphenol		ug/L	U	4.00	20.0	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-10-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	970 mL / 1.0 mL	Lab Sample ID:	0806037-03
% Solids:	NA	Date Collected:	06/09/08 14:25
Analytical Method:	8270C	Date Analyzed:	06/18/08 21:39
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806275	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.258	10.3	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.237	10.3	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.371	10.3	1
106-46-7	1,4-Dichlorobenzene	3.71	ug/L	J	0.206	10.3	1
95-95-4	2,4,5-Trichlorophenol		ug/L	U	0.887	10.3	1
88-06-2	2,4,6-Trichlorophenol		ug/L	U	0.691	10.3	1
120-83-2	2,4-Dichlorophenol		ug/L	U	0.371	10.3	1
105-67-9	2,4-Dimethylphenol		ug/L	U	0.237	10.3	1
51-28-5	2,4-Dinitrophenol		ug/L	U	1.64	10.3	1
121-14-2	2,4-Dinitrotoluene		ug/L	U	0.361	10.3	1
606-20-2	2,6-Dinitrotoluene		ug/L	U	0.247	10.3	1
91-58-7	2-Chloronaphthalene		ug/L	U	0.165	10.3	1
95-57-8	2-Chlorophenol		ug/L	U	0.124	10.3	1
534-52-1	2-Methyl-4,6-dinitrophenol		ug/L	U	0.979	10.3	1
91-57-6	2-Methylnaphthalene		ug/L	U	2.70	10.3	1
95-48-7	2-Methylphenol		ug/L	U	0.320	10.3	1
88-74-4	2-Nitroaniline		ug/L	U	0.443	10.3	1
88-75-5	2-Nitrophenol		ug/L	U	0.361	10.3	1
91-94-1	3,3'-Dichlorobenzidine		ug/L	U	1.51	10.3	1
99-09-2	3-Nitroaniline		ug/L	U	0.351	10.3	1
101-55-3	4-Bromophenyl phenyl ether		ug/L	U	0.371	10.3	1
59-50-7	4-Chloro-3-methylphenol		ug/L	U	0.258	10.3	1
106-47-8	4-Chloroaniline		ug/L	U	0.897	10.3	1
7005-72-3	4-Chlorophenyl phenyl ether		ug/L	U	0.485	10.3	1
100-01-6	4-Nitroaniline		ug/L	U	3.64	10.3	1
100-02-7	4-Nitrophenol		ug/L	U	0.835	10.3	1
83-32-9	Acenaphthene		ug/L	U	0.186	10.3	1
208-96-8	Acenaphthylene		ug/L	U	0.124	10.3	1
120-12-7	Anthracene		ug/L	U	0.227	10.3	1
56-55-3	Benzo(a)anthracene		ug/L	U	0.093	10.3	1
50-32-8	Benzo(a)pyrene		ug/L	U	0.124	10.3	1
205-99-2	Benzo(b)fluoranthene		ug/L	U	0.089	10.3	1
191-24-2	Benzo (g,h,i) perylene		ug/L	U	0.454	10.3	1
207-08-9	Benzo(k)fluoranthene		ug/L	U	0.887	10.3	1
65-85-0	Benzoic acid		ug/L	U	2.42	10.3	1
100-51-6	Benzyl alcohol		ug/L	U	0.536	10.3	1
111-91-1	Bis(2-chloroethoxy)methane		ug/L	U	0.216	10.3	1
111-44-4	Bis(2-chloroethyl)ether		ug/L	U	0.099	10.3	1
108-60-1	Bis(2-chloroisopropyl) ether		ug/L	U	0.454	10.3	1
117-81-7	Bis(2-ethylhexyl) phthalate		ug/L	U	0.608	10.3	1
85-68-7	Butyl benzyl phthalate		ug/L	U	0.423	10.3	1
86-74-8	Carbazole		ug/L	U	0.351	10.3	1
218-01-9	Chrysene		ug/L	U	0.412	10.3	1
53-70-3	Dibenz(a,h)anthracene		ug/L	U	2.33	10.3	1
132-64-9	Dibenzofuran		ug/L	U	0.175	10.3	1
84-66-2	Diethyl phthalate		ug/L	U	0.423	10.3	1
131-11-3	Dimethyl phthalate		ug/L	U	0.320	10.3	1
84-74-2	Di-n-butyl phthalate		ug/L	U	0.227	10.3	1
117-84-0	Di-n-octyl phthalate		ug/L	U	1.94	10.3	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-10-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	970 mL / 1.0 mL	Lab Sample ID:	0806037-03
% Solids:	NA	Date Collected:	06/09/08 14:25
Analytical Method:	8270C	Date Analyzed:	06/18/08 21:39
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806275	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
122-39-4	Diphenylamine		ug/L	U	0.649	10.3	1
206-44-0	Fluoranthene		ug/L	U	0.227	10.3	1
86-73-7	Fluorene		ug/L	U	0.433	10.3	1
118-74-1	Hexachlorobenzene		ug/L	U	0.134	10.3	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.979	10.3	1
77-47-4	Hexachlorocyclopentadiene		ug/L	U	0.330	10.3	1
67-72-1	Hexachloroethane		ug/L	U	0.320	10.3	1
193-39-5	Indeno (1,2,3-cd) pyrene		ug/L	U	1.61	10.3	1
78-59-1	Isophorone		ug/L	U	0.124	10.3	1
91-20-3	Naphthalene		ug/L	U	0.247	10.3	1
98-95-3	Nitrobenzene		ug/L	U	0.340	10.3	1
62-75-9	N-Nitrosodimethylamine		ug/L	U	0.371	10.3	1
621-64-7	N-Nitrosodi-n-propylamine		ug/L	U	0.371	10.3	1
86-30-6	N-Nitrosodiphenylamine		ug/L	U	0.144	10.3	1
87-86-5	Pentachlorophenol		ug/L	U	0.309	10.3	1
85-01-8	Phenanthrene		ug/L	U	0.247	10.3	1
108-95-2	Phenol		ug/L	U	0.124	10.3	1
129-00-0	Pyrene		ug/L	U	0.412	10.3	1
34MP	3 & 4 Methylphenol		ug/L	U	4.12	20.6	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-6-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	980 mL / 1.0 mL	Lab Sample ID:	0806037-04
% Solids:	NA	Date Collected:	06/09/08 16:40
Analytical Method:	8270C	Date Analyzed:	06/18/08 22:05
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806275	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.255	10.2	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.235	10.2	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.367	10.2	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.204	10.2	1
95-95-4	2,4,5-Trichlorophenol		ug/L	U	0.878	10.2	1
88-06-2	2,4,6-Trichlorophenol		ug/L	U	0.684	10.2	1
120-83-2	2,4-Dichlorophenol		ug/L	U	0.367	10.2	1
105-67-9	2,4-Dimethylphenol		ug/L	U	0.235	10.2	1
51-28-5	2,4-Dinitrophenol		ug/L	U	1.62	10.2	1
121-14-2	2,4-Dinitrotoluene		ug/L	U	0.357	10.2	1
606-20-2	2,6-Dinitrotoluene		ug/L	U	0.245	10.2	1
91-58-7	2-Chloronaphthalene		ug/L	U	0.163	10.2	1
95-57-8	2-Chlorophenol		ug/L	U	0.122	10.2	1
534-52-1	2-Methyl-4,6-dinitrophenol		ug/L	U	0.969	10.2	1
91-57-6	2-Methylnaphthalene		ug/L	U	2.67	10.2	1
95-48-7	2-Methylphenol		ug/L	U	0.316	10.2	1
88-74-4	2-Nitroaniline		ug/L	U	0.439	10.2	1
88-75-5	2-Nitrophenol		ug/L	U	0.357	10.2	1
91-94-1	3,3'-Dichlorobenzidine		ug/L	U	1.49	10.2	1
99-09-2	3-Nitroaniline		ug/L	U	0.347	10.2	1
101-55-3	4-Bromophenyl phenyl ether		ug/L	U	0.367	10.2	1
59-50-7	4-Chloro-3-methylphenol		ug/L	U	0.255	10.2	1
106-47-8	4-Chloroaniline		ug/L	U	0.888	10.2	1
7005-72-3	4-Chlorophenyl phenyl ether		ug/L	U	0.480	10.2	1
100-01-6	4-Nitroaniline		ug/L	U	3.60	10.2	1
100-02-7	4-Nitrophenol		ug/L	U	0.827	10.2	1
83-32-9	Acenaphthene		ug/L	U	0.184	10.2	1
208-96-8	Acenaphthylene		ug/L	U	0.122	10.2	1
120-12-7	Anthracene		ug/L	U	0.224	10.2	1
56-55-3	Benzo(a)anthracene		ug/L	U	0.092	10.2	1
50-32-8	Benzo(a)pyrene		ug/L	U	0.122	10.2	1
205-99-2	Benzo(b)fluoranthene		ug/L	U	0.088	10.2	1
191-24-2	Benzo (g,h,i) perylene		ug/L	U	0.449	10.2	1
207-08-9	Benzo(k)fluoranthene		ug/L	U	0.878	10.2	1
65-85-0	Benzoic acid		ug/L	U	2.40	10.2	1
100-51-6	Benzyl alcohol		ug/L	U	0.531	10.2	1
111-91-1	Bis(2-chloroethoxy)methane		ug/L	U	0.214	10.2	1
111-44-4	Bis(2-chloroethyl)ether		ug/L	U	0.098	10.2	1
108-60-1	Bis(2-chloroisopropyl) ether		ug/L	U	0.449	10.2	1
117-81-7	Bis(2-ethylhexyl) phthalate		ug/L	U	0.602	10.2	1
85-68-7	Butyl benzyl phthalate		ug/L	U	0.418	10.2	1
86-74-8	Carbazole		ug/L	U	0.347	10.2	1
218-01-9	Chrysene		ug/L	U	0.408	10.2	1
53-70-3	Dibenz(a,h)anthracene		ug/L	U	2.31	10.2	1
132-64-9	Dibenzofuran		ug/L	U	0.173	10.2	1
84-66-2	Diethyl phthalate		ug/L	U	0.418	10.2	1
131-11-3	Dimethyl phthalate		ug/L	U	0.316	10.2	1
84-74-2	Di-n-butyl phthalate		ug/L	U	0.224	10.2	1
117-84-0	Di-n-octyl phthalate		ug/L	U	1.92	10.2	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-6-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	980 mL / 1.0 mL	Lab Sample ID:	0806037-04
% Solids:	NA	Date Collected:	06/09/08 16:40
Analytical Method:	8270C	Date Analyzed:	06/18/08 22:05
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806275	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
122-39-4	Diphenylamine		ug/L	U	0.643	10.2	1
206-44-0	Fluoranthene		ug/L	U	0.224	10.2	1
86-73-7	Fluorene		ug/L	U	0.429	10.2	1
118-74-1	Hexachlorobenzene		ug/L	U	0.133	10.2	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.969	10.2	1
77-47-4	Hexachlorocyclopentadiene		ug/L	U	0.327	10.2	1
67-72-1	Hexachloroethane		ug/L	U	0.316	10.2	1
193-39-5	Indeno (1,2,3-cd) pyrene		ug/L	U	1.59	10.2	1
78-59-1	Isophorone		ug/L	U	0.122	10.2	1
91-20-3	Naphthalene		ug/L	U	0.245	10.2	1
98-95-3	Nitrobenzene		ug/L	U	0.337	10.2	1
62-75-9	N-Nitrosodimethylamine		ug/L	U	0.367	10.2	1
621-64-7	N-Nitrosodi-n-propylamine		ug/L	U	0.367	10.2	1
86-30-6	N-Nitrosodiphenylamine		ug/L	U	0.143	10.2	1
87-86-5	Pentachlorophenol		ug/L	U	0.306	10.2	1
85-01-8	Phenanthrene		ug/L	U	0.245	10.2	1
108-95-2	Phenol		ug/L	U	0.122	10.2	1
129-00-0	Pyrene		ug/L	U	0.408	10.2	1
34MP	3 & 4 Methylphenol		ug/L	U	4.08	20.4	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806037

(Sample Delivery Group, SDG)

8260B

(Parameter)

P806170

(Analytical Batch)

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-12AR-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806037-01
% Solids:	NA	Date Collected:	06/09/08 10:35
Analytical Method:	8260B	Date Analyzed:	06/10/08 20:44
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	1.45	ug/L	J	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride	0.800	ug/L	J	0.200	2.00	1
74-83-9	Bromomethane		ug/L	Q2, U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane	1.25	ug/L	J	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene	0.300	ug/L	J	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene	0.650	ug/L	J	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-12AR-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806037-01
% Solids:	NA	Date Collected:	06/09/08 10:35
Analytical Method:	8260B	Date Analyzed:	06/10/08 20:44
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	0.970	ug/L	J	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-12BR-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806037-02
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Method:	8260B	Date Analyzed:	06/10/08 21:16
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	Q2, U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-12BR-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806037-02
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Method:	8260B	Date Analyzed:	06/10/08 21:16
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-10-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806037-03
% Solids:	NA	Date Collected:	06/09/08 14:25
Analytical Method:	8260B	Date Analyzed:	06/10/08 20:11
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride	1.65	ug/L	J	0.200	2.00	1
74-83-9	Bromomethane		ug/L	Q2, U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane	1.26	ug/L	J	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	13.5	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane	0.670	ug/L	J	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane	3.51	ug/L		0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene	0.360	ug/L	J	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene	0.600	ug/L	J	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-10-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806037-03
% Solids:	NA	Date Collected:	06/09/08 14:25
Analytical Method:	8260B	Date Analyzed:	06/10/08 20:11
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	6.45	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-6-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806037-04
% Solids:	NA	Date Collected:	06/09/08 16:40
Analytical Method:	8260B	Date Analyzed:	06/10/08 19:39
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	Q2, U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform	0.210	ug/L	J	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-6-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806037-04
% Solids:	NA	Date Collected:	06/09/08 16:40
Analytical Method:	8260B	Date Analyzed:	06/10/08 19:39
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Trip Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806037-05
% Solids:	NA	Date Collected:	06/09/08 18:30
Analytical Method:	8260B	Date Analyzed:	06/10/08 19:07
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane	0.410	ug/L	J	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	Q2, U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone	2.78	ug/L	J	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Trip Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806037-05
% Solids:	NA	Date Collected:	06/09/08 18:30
Analytical Method:	8260B	Date Analyzed:	06/10/08 19:07
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene	0.590	ug/L	J	0.400	2.00	1

Note:

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806037

(Sample Delivery Group, SDG)

335.2

(Parameter)

P806315

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** Wet Chemistry

QC Batch: P806315 **Method:** 335.2

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/23/08	6/20/08	0806037-01		SAMPLE	0806037
6/23/08	6/20/08	0806037-02		SAMPLE	0806037
6/23/08	6/20/08	0806037-03		SAMPLE	0806037
6/23/08	6/20/08	0806037-04		SAMPLE	0806037
6/23/08	6/20/08	P806315-BLK1		Method Blank	0806037
6/23/08	6/20/08	P806315-BS1		LCS	0806037
6/23/08	6/20/08	P806315-BSD1		LCS Dup	0806037
6/23/08	6/20/08	P806315-MS1	0806037-02	Matrix Spike	0806037
6/23/08	6/20/08	P806315-MSD1	0806037-02	Matrix Spike Dup	0806037

Form 1 - Equivalent

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806315-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	
Batch:	P806315	Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)		mg/L	U	0.0125	0.0250	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806315-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	
Batch:	P806315	Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)	0.104	mg/L		0.0125	0.0250	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806315-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	
Batch:	P806315	Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)	0.0910	mg/L		0.0125	0.0250	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806315
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Lab Sample ID: ***P806315-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Cyanide (total)	0.100	0.104	104		75	125

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806315

Fraction: WET Matrix: Water

Units: mg/L

Lab Sample ID: ***P806315-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Cyanide (total)	0.100	0.0910	91.0		75	125	13.3

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806315-MS1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806315	Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)	0.0900	mg/L		0.0125	0.0250	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806315-MSD1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806315	Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)	0.0990	mg/L		0.0125	0.0250	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806315
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806315-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Cyanide (total)	0	0.100	0.0900	90.0		75	125

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806315

Fraction: WET Matrix: Water

Units: mg/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806315-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Cyanide (total)	0	0.100	0.0990	99.0		9.52		75	125	25

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806037

(Sample Delivery Group, SDG)

6020A

(Parameter)

P806182

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** METALS

QC Batch: P806182 **Method:** 6020A

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/13/08	6/11/08	0806037-01		SAMPLE	0806037
6/13/08	6/11/08	0806037-02		SAMPLE	0806037
6/16/08	6/11/08	0806037-03		SAMPLE	0806037
6/13/08	6/11/08	0806037-04		SAMPLE	0806037
6/13/08	6/13/08	8F13006-SRD1	0806037-02	Serial Dilution	0806037
6/13/08	6/11/08	P806182-BLK1		Method Blank	0806037
6/13/08	6/11/08	P806182-BS1		LCS	0806037
6/13/08	6/11/08	P806182-BSD1		LCS Dup	0806037
6/13/08	6/11/08	P806182-MS1	0806037-02	Matrix Spike	0806037
6/13/08	6/11/08	P806182-MSD1	0806037-02	Matrix Spike Dup	0806037
6/13/08	6/11/08	P806182-PS1	0806037-02	Post Spike	0806037

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806182-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	06/13/08 16:45
Preparation:	SM3030C	Date Received:	
Batch:	P806182	Date Prepared:	06/11/08 09:48

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium		ug/L	U	0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium		ug/L	U	2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel		ug/L	U	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-31-5	Tin		ug/L	U	2.50	5.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc		ug/L	U	5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806182-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	06/13/08 17:13
Preparation:	SM3030C	Date Received:	
Batch:	P806182	Date Prepared:	06/11/08 09:48

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	49.9	ug/L		0.500	1.00	1
7440-38-2	Arsenic	54.3	ug/L		1.00	2.00	1
7440-39-3	Barium	490	ug/L		0.500	1.00	1
7440-41-7	Beryllium	50.3	ug/L		0.500	1.00	1
7440-43-9	Cadmium	50.9	ug/L		0.500	1.00	1
7440-47-3	Chromium	55.3	ug/L		2.50	5.00	1
7440-48-4	Cobalt	56.5	ug/L		0.500	1.00	1
7440-50-8	Copper	55.6	ug/L		2.50	5.00	1
7439-92-1	Lead	512	ug/L		0.500	1.00	1
7440-02-0	Nickel	56.3	ug/L		1.00	2.00	1
7782-49-2	Selenium	51.7	ug/L		2.00	4.00	1
7440-22-4	Silver	54.0	ug/L		0.500	1.00	1
7440-28-0	Thallium	50.1	ug/L		0.500	1.00	1
7440-31-5	Tin	97.7	ug/L		2.50	5.00	1
7440-62-2	Vanadium	44.6	ug/L		2.50	5.00	1
7440-66-6	Zinc	223	ug/L		5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806182-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	06/13/08 17:21
Preparation:	SM3030C	Date Received:	
Batch:	P806182	Date Prepared:	06/11/08 09:48

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	48.9	ug/L		0.500	1.00	1
7440-38-2	Arsenic	55.0	ug/L		1.00	2.00	1
7440-39-3	Barium	483	ug/L		0.500	1.00	1
7440-41-7	Beryllium	49.8	ug/L		0.500	1.00	1
7440-43-9	Cadmium	50.3	ug/L		0.500	1.00	1
7440-47-3	Chromium	53.6	ug/L		2.50	5.00	1
7440-48-4	Cobalt	56.0	ug/L		0.500	1.00	1
7440-50-8	Copper	54.7	ug/L		2.50	5.00	1
7439-92-1	Lead	514	ug/L		0.500	1.00	1
7440-02-0	Nickel	55.3	ug/L		1.00	2.00	1
7782-49-2	Selenium	52.2	ug/L		2.00	4.00	1
7440-22-4	Silver	53.4	ug/L		0.500	1.00	1
7440-28-0	Thallium	49.6	ug/L		0.500	1.00	1
7440-31-5	Tin	97.3	ug/L		2.50	5.00	1
7440-62-2	Vanadium	42.5	ug/L		2.50	5.00	1
7440-66-6	Zinc	223	ug/L		5.00	10.0	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806182

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806182-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Antimony	50.0	49.9	99.7		80	120
Arsenic	50.0	54.3	109		80	120
Barium	500	490	98.0		80	120
Beryllium	50.0	50.3	101		80	120
Cadmium	50.0	50.9	102		80	120
Chromium	50.0	55.3	111		80	120
Cobalt	50.0	56.5	113		80	120
Copper	50.0	55.6	111		80	120
Lead	500	512	102		80	120
Nickel	50.0	56.3	113		80	120
Selenium	50.0	51.7	103		80	120
Silver	50.0	54.0	108		80	120
Thallium	50.0	50.1	100		80	120
Tin	100	97.7	97.7		80	120
Vanadium	50.0	44.6	89.3		80	120
Zinc	200	223	112		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 16

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806182

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806182-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Antimony	50.0	48.9	97.8		80	120	1.96
Arsenic	50.0	55.0	110		80	120	1.33
Barium	500	483	96.5		80	120	1.53
Beryllium	50.0	49.8	99.6		80	120	1.04
Cadmium	50.0	50.3	101		80	120	1.28
Chromium	50.0	53.6	107		80	120	3.02
Cobalt	50.0	56.0	112		80	120	0.915
Copper	50.0	54.7	109		80	120	1.62
Lead	500	514	103		80	120	0.367
Nickel	50.0	55.3	111		80	120	1.73
Selenium	50.0	52.2	104		80	120	0.789
Silver	50.0	53.4	107		80	120	1.09
Thallium	50.0	49.6	99.2		80	120	0.906
Tin	100	97.3	97.3		80	120	0.366
Vanadium	50.0	42.5	85.0		80	120	4.89
Zinc	200	223	112		80	120	0.132

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 16

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806182-MS1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	6020A	Date Analyzed:	06/13/08 17:48
Preparation:	SM3030C	Date Received:	06/10/08 10:00
Batch:	P806182	Date Prepared:	06/11/08 09:48

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	48.6	ug/L		0.500	1.00	1
7440-38-2	Arsenic	57.0	ug/L		1.00	2.00	1
7440-39-3	Barium	500	ug/L		0.500	1.00	1
7440-41-7	Beryllium	50.5	ug/L		0.500	1.00	1
7440-43-9	Cadmium	51.2	ug/L		0.500	1.00	1
7440-47-3	Chromium	54.3	ug/L		2.50	5.00	1
7440-48-4	Cobalt	58.5	ug/L		0.500	1.00	1
7440-50-8	Copper	58.1	ug/L		2.50	5.00	1
7439-92-1	Lead	466	ug/L		0.500	1.00	1
7440-02-0	Nickel	58.8	ug/L		1.00	2.00	1
7782-49-2	Selenium	57.7	ug/L		2.00	4.00	1
7440-22-4	Silver	50.7	ug/L		0.500	1.00	1
7440-28-0	Thallium	32.9	ug/L		0.500	1.00	1
7440-31-5	Tin	95.1	ug/L		2.50	5.00	1
7440-62-2	Vanadium	40.0	ug/L		2.50	5.00	1
7440-66-6	Zinc	255	ug/L		5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806182-MSD1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	6020A	Date Analyzed:	06/13/08 17:56
Preparation:	SM3030C	Date Received:	06/10/08 10:00
Batch:	P806182	Date Prepared:	06/11/08 09:48

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	48.0	ug/L		0.500	1.00	1
7440-38-2	Arsenic	56.8	ug/L		1.00	2.00	1
7440-39-3	Barium	495	ug/L		0.500	1.00	1
7440-41-7	Beryllium	51.8	ug/L		0.500	1.00	1
7440-43-9	Cadmium	49.5	ug/L		0.500	1.00	1
7440-47-3	Chromium	53.7	ug/L		2.50	5.00	1
7440-48-4	Cobalt	59.3	ug/L		0.500	1.00	1
7440-50-8	Copper	58.7	ug/L		2.50	5.00	1
7439-92-1	Lead	459	ug/L		0.500	1.00	1
7440-02-0	Nickel	59.2	ug/L		1.00	2.00	1
7782-49-2	Selenium	56.5	ug/L		2.00	4.00	1
7440-22-4	Silver	49.6	ug/L		0.500	1.00	1
7440-28-0	Thallium	33.4	ug/L		0.500	1.00	1
7440-31-5	Tin	94.3	ug/L		2.50	5.00	1
7440-62-2	Vanadium	41.0	ug/L		2.50	5.00	1
7440-66-6	Zinc	256	ug/L		5.00	10.0	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806182

Fraction: METALS Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806182-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
						LCL	*UCL*
Antimony	0	50.0	48.6	97.3		75	125
Arsenic	1.92	50.0	57.0	110		75	125
Barium	36.8	500	500	92.5		75	125
Beryllium	0	50.0	50.5	101		75	125
Cadmium	0	50.0	51.2	102		75	125
Chromium	5.66	50.0	54.3	97.3		75	125
Cobalt	1.48	50.0	58.5	114		75	125
Copper	0	50.0	58.1	116		75	125
Lead	0	500	466	93.2		75	125
Nickel	3.10	50.0	58.8	111		75	125
Selenium	0	50.0	57.7	115		75	125
Silver	0	50.0	50.7	101		75	125
Thallium	0	50.0	32.9	65.8	ME*	75	125
Tin	0	100	95.1	95.1		75	125
Vanadium	0	50.0	40.0	79.9		75	125
Zinc	13.1	200	255	121		75	125

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806182

Fraction: METALS Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806182-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Antimony	0	50.0	48.0	96.0		1.36		75	125	20
Arsenic	1.92	50.0	56.8	110		0.379		75	125	20
Barium	36.8	500	495	91.6		0.985		75	125	20
Beryllium	0	50.0	51.8	104		2.51		75	125	20
Cadmium	0	50.0	49.5	98.9		3.42		75	125	20
Chromium	5.66	50.0	53.7	96.2		1.03		75	125	20
Cobalt	1.48	50.0	59.3	116		1.38		75	125	20
Copper	0	50.0	58.7	117		1.10		75	125	20
Lead	0	500	459	91.7		1.56		75	125	20
Nickel	3.10	50.0	59.2	112		0.601		75	125	20
Selenium	0	50.0	56.5	113		2.10		75	125	20
Silver	0	50.0	49.6	99.3		2.15		75	125	20
Thallium	0	50.0	33.4	66.7	ME*	1.42		75	125	20
Tin	0	100	94.3	94.3		0.871		75	125	20
Vanadium	0	50.0	41.0	82.1		2.67		75	125	20
Zinc	13.1	200	256	121		0.0858		75	125	20

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Post Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806182-PS1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	6020A	Date Collected:	06/09/08 09:15
Preparation:	SM3030C	Date Analyzed:	06/13/08 18:03
Batch:	P806182	Date Received:	06/10/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	47.7	ug/L		0.500	1.00	1
7440-38-2	Arsenic	55.7	ug/L		1.00	2.00	1
7440-39-3	Barium	483	ug/L		0.500	1.00	1
7440-41-7	Beryllium	51.9	ug/L		0.500	1.00	1
7440-43-9	Cadmium	49.6	ug/L		0.500	1.00	1
7440-47-3	Chromium	52.1	ug/L		2.50	5.00	1
7440-48-4	Cobalt	57.6	ug/L		0.500	1.00	1
7440-50-8	Copper	57.8	ug/L		2.50	5.00	1
7439-92-1	Lead	457	ug/L		0.500	1.00	1
7440-02-0	Nickel	58.6	ug/L		1.00	2.00	1
7782-49-2	Selenium	55.6	ug/L		2.00	4.00	1
7440-22-4	Silver	51.6	ug/L		0.500	1.00	1
7440-28-0	Thallium	44.3	ug/L		0.500	1.00	1
7440-31-5	Tin	93.6	ug/L		2.50	5.00	1
7440-62-2	Vanadium	40.1	ug/L		2.50	5.00	1
7440-66-6	Zinc	252	ug/L		5.00	10.0	1

Form 5B - Equivalent

POST DIGESTION SPIKE SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc.

Fraction: METALS

Analytical Batch: 8F13006

Prep Batch: P806182

COMPOUND	Original Amount	SPIKE ADDED	PDS Amount	PDS % REC	PDS % REC FLAG	QC. LIMITS LCL	QC. LIMITS UCL
Antimony	ND	50.0	47.7	95.4		75	125
Arsenic	1.92	50.0	55.7	107		75	125
Barium	36.8	500	483	89.3		75	125
Beryllium	ND	50.0	51.9	104		75	125
Cadmium	ND	50.0	49.6	99.3		75	125
Chromium	5.66	50.0	52.1	92.9		75	125
Cobalt	1.48	50.0	57.6	112		75	125
Copper	ND	50.0	57.8	116		75	125
Lead	ND	500	457	91.4		75	125
Nickel	3.10	50.0	58.6	111		75	125
Selenium	ND	50.0	55.6	111		75	125
Silver	ND	50.0	51.6	103		75	125
Thallium	ND	50.0	44.3	88.6		75	125
Tin	ND	100	93.6	93.6		75	125
Vanadium	ND	50.0	40.1	80.2		75	125
Zinc	13.1	200	252	119		75	125

* Values outside of QC limits

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Serial Dilution
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	8F13006-SRD1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	6020A	Date Collected:	06/09/08 09:15
Preparation:	P806182	Date Analyzed:	06/13/08 17:42
Batch:	8F13006	Date Received:	06/10/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	2.50	5.00	5
7440-38-2	Arsenic		ug/L	U	5.00	10.0	5
7440-39-3	Barium	37.4	ug/L		2.50	5.00	5
7440-41-7	Beryllium		ug/L	U	2.50	5.00	5
7440-43-9	Cadmium		ug/L	U	2.50	5.00	5
7440-47-3	Chromium		ug/L	U	12.5	25.0	5
7440-48-4	Cobalt		ug/L	U	2.50	5.00	5
7440-50-8	Copper		ug/L	U	12.5	25.0	5
7439-92-1	Lead		ug/L	U	2.50	5.00	5
7440-02-0	Nickel		ug/L	U	5.00	10.0	5
7782-49-2	Selenium		ug/L	U	10.0	20.0	5
7440-22-4	Silver		ug/L	U	2.50	5.00	5
7440-28-0	Thallium		ug/L	U	2.50	5.00	5
7440-31-5	Tin		ug/L	U	12.5	25.0	5
7440-62-2	Vanadium		ug/L	U	12.5	25.0	5
7440-66-6	Zinc		ug/L	U	25.0	50.0	5

Form 8 - Equivalent

PERCENT DIFFERENCE FOR SERIAL DILUTION SAMPLE

Lab Name: Analytical Management Laboratories, Inc. Analytical Batch: 8F13006

Fraction: METALS

Orig HSN: 0806037-02 **SD HSN:** 8F13006-SRD1

Orig Dil: 1 **SD Dil:** 5

COMPOUND	Original Amount	SD Amount	%D	QC FLAG	QC. LIMIT UCL
Antimony	U	U	NA		10
Arsenic	1.92	U	NA		10
Barium	36.8	37.4	1.63		10
Beryllium	U	U	NA		10
Cadmium	U	U	NA		10
Chromium	5.66	U	NA		10
Cobalt	1.48	U	NA		10
Copper	U	U	NA		10
Lead	U	U	NA		10
Nickel	3.10	U	NA		10
Selenium	U	U	NA		10
Silver	U	U	NA		10
Thallium	U	U	NA		10
Tin	U	U	NA		10
Vanadium	U	U	NA		10
Zinc	13.1	U	NA		10

* Values outside of QC limits

NA = Not Applicable

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806037

(Sample Delivery Group, SDG)

7470A

(Parameter)

P806237

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** METALS

QC Batch: P806237 **Method:** 7470A

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/16/08	6/16/08	0806037-01		SAMPLE	0806037
6/16/08	6/16/08	0806037-02		SAMPLE	0806037
6/16/08	6/16/08	0806037-03		SAMPLE	0806037
6/16/08	6/16/08	0806037-04		SAMPLE	0806037
6/16/08	6/16/08	P806237-BLK1		Method Blank	0806037
6/16/08	6/16/08	P806237-BLK2		Method Blank	0806037
6/16/08	6/16/08	P806237-BS1		LCS	0806037
6/16/08	6/16/08	P806237-BSD1		LCS Dup	0806037
6/16/08	6/16/08	P806237-MS1	0806037-02	Matrix Spike	0806037
6/16/08	6/16/08	P806237-MS2	0806051-07	Matrix Spike	0806037
6/16/08	6/16/08	P806237-MSD1	0806037-02	Matrix Spike Dup	0806037
6/16/08	6/16/08	P806237-MSD2	0806051-07	Matrix Spike Dup	0806037
6/16/08	6/16/08	P806237-PS1	0806037-02	Post Spike	0806037
6/16/08	6/16/08	P806237-PS2	0806051-07	Post Spike	0806037

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806237-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 16:37
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806237-BLK2
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 17:14
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806237-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 16:39
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.96	ug/L		0.102	0.204	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806237-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 16:41
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.89	ug/L		0.102	0.204	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806237
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Lab Sample ID: ***P806237-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Mercury	2.04	1.96	96.0		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806237

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806237-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Mercury	2.04	1.89	92.5		80	120	3.71

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806237-MS1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 16:47
Preparation:	EPA 7470A Prep	Date Received:	06/10/08 10:00
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.98	ug/L		0.102	0.204	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806237-MS2
% Solids:	NA	Date Collected:	06/10/08 13:05
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 17:39
Preparation:	EPA 7470A Prep	Date Received:	06/12/08 09:30
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.95	ug/L		0.102	0.204	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806237-MSD1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 16:49
Preparation:	EPA 7470A Prep	Date Received:	06/10/08 10:00
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.96	ug/L		0.102	0.204	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806237-MSD2
% Solids:	NA	Date Collected:	06/10/08 13:05
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 17:41
Preparation:	EPA 7470A Prep	Date Received:	06/12/08 09:30
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.96	ug/L		0.102	0.204	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806237
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806237-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Mercury	0	2.04	1.98	97.0		80	120

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806237
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Original Sample ***0806051-07*** ***Lab Sample ID for MS :*** ***P806237-MS2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Mercury	0	2.04	1.95	95.5		80	120

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806237

Fraction: METALS Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806237-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Mercury	0	2.04	1.96	96.0		1.04		80	120	20

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806237
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Original Sample ***0806051-07*** ***Lab Sample ID for MSD*** ***P806237-MSD2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Mercury	0	2.04	1.96	96.0		0.522		80	120	20

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Post Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806237-PS1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	7470A	Date Collected:	06/09/08 09:15
Preparation:	EPA 7470A Prep	Date Analyzed:	06/16/08 16:54
Batch:	P806237	Date Received:	06/10/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.37	ug/L		0.100	0.200	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Post Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806237-PS2
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	7470A	Date Collected:	06/10/08 13:05
Preparation:	EPA 7470A Prep	Date Analyzed:	06/16/08 17:43
Batch:	P806237	Date Received:	06/12/08 09:30

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.34	ug/L		0.100	0.200	1

Form 5B - Equivalent

POST DIGESTION SPIKE SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc.

Fraction: METALS

Analytical Batch: 8F16004

Prep Batch: P806237

COMPOUND	Original Amount	SPIKE ADDED	PDS Amount	PDS % REC	PDS % REC FLAG	QC. LIMITS LCL	QC. LIMITS UCL
Mercury	ND	2.00	2.37	118		80	120

* Values outside of QC limits

Form 5B - Equivalent

POST DIGESTION SPIKE SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc.

Fraction: METALS

Analytical Batch: 8F16004

Prep Batch: P806237

COMPOUND	Original Amount	SPIKE ADDED	PDS Amount	PDS % REC	PDS % REC FLAG	QC. LIMITS LCL	QC. LIMITS UCL
Mercury	ND	2.00	2.34	117		80	120

* Values outside of QC limits

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806037

(Sample Delivery Group, SDG)

SM-4500-NO3 E

(Parameter)

P806313

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc.
Fraction: Wet Chemistry
QC Batch: P806313
Method: SM-4500-NO3 E

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/25/08	6/24/08	0806037-01		SAMPLE	0806037
6/25/08	6/24/08	0806037-02		SAMPLE	0806037
6/25/08	6/24/08	0806037-03		SAMPLE	0806037
6/25/08	6/24/08	0806037-04		SAMPLE	0806037
6/25/08	6/24/08	P806313-BLK1		Method Blank	0806037
6/25/08	6/24/08	P806313-BS1		LCS	0806037
6/25/08	6/24/08	P806313-BSD1		LCS Dup	0806037
6/25/08	6/24/08	P806313-MS1	0806037-02	Matrix Spike	0806037
6/25/08	6/24/08	P806313-MSD1	0806037-02	Matrix Spike Dup	0806037

Form 1 - Equivalent

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806313-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	
Batch:	P806313	Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.0210	mg/L	B, J	0.0200	0.0400	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806313-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	
Batch:	P806313	Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.345	mg/L	B	0.0200	0.0400	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806313-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	
Batch:	P806313	Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.360	mg/L	B	0.0200	0.0400	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806313
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Lab Sample ID: ***P806313-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Nitrate/Nitrite as N	0.300	0.345	115		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806313

Fraction: WET Matrix: Water

Units: mg/L

Lab Sample ID: ***P806313-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Nitrate/Nitrite as N	0.300	0.360	120		80	120	4.26

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806313-MS1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	06/10/08 10:00
Batch:	P806313	Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.339	mg/L	B	0.0200	0.0400	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806313-MSD1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	06/10/08 10:00
Batch:	P806313	Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.315	mg/L	B	0.0200	0.0400	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806313
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806313-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Nitrate/Nitrite as N	0.0710	0.300	0.339	89.3		80	120

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806313

Fraction: WET Matrix: Water

Units: mg/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806313-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Nitrate/Nitrite as N	0.0710	0.300	0.315	81.3		7.34		80	120	20

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806037

(Sample Delivery Group, SDG)

8082

(Parameter)

P806248

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** GC

QC Batch: P806248 **Method:** 8082

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/18/08	6/13/08	0806037-01		SAMPLE	0806037
6/18/08	6/13/08	0806037-02		SAMPLE	0806037
6/18/08	6/13/08	0806037-03		SAMPLE	0806037
6/18/08	6/13/08	0806037-04		SAMPLE	0806037
6/18/08	6/13/08	P806248-BLK1		Method Blank	0806037
6/18/08	6/13/08	P806248-BS2		LCS	0806037
6/18/08	6/13/08	P806248-BSD2		LCS Dup	0806037
6/18/08	6/13/08	P806248-MS2	0806037-02	Matrix Spike	0806037
6/18/08	6/13/08	P806248-MSD2	0806037-02	Matrix Spike Dup	0806037

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806248

SLMW-12AR-5-08 (0806037-01)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	52.8	40	135	

SLMW-12BR-5-08 (0806037-02)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	40.6	40	135	

SLMW-10-5-08 (0806037-03)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	57.9	40	135	

SLMW-6-5-08 (0806037-04)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	82.1	40	135	

Blank (P806248-BLK1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	95.5	40	135	

LCS (P806248-BS2)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	80.9	40	135	

LCS Dup (P806248-BSD2)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	79.3	40	135	

Matrix Spike (P806248-MS2)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	54.3	40	135	

Matrix Spike Dup (P806248-MSD2)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	51.5	40	135	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8082	Date Analyzed:	06/18/08 20:37
Preparation:	EPA 3510C	Date Received:	
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016		ug/L	U	0.200	1.00	1
11104-28-2	Aroclor-1221		ug/L	U	0.200	1.00	1
11141-16-5	Aroclor-1232		ug/L	U	0.200	1.00	1
53469-21-9	Aroclor-1242		ug/L	U	0.200	1.00	1
12672-29-6	Aroclor-1248		ug/L	U	0.200	1.00	1
11097-69-1	Aroclor-1254		ug/L	U	0.200	1.00	1
11096-82-5	Aroclor-1260		ug/L	U	0.200	1.00	1
11100-14-4	Aroclor-1268		ug/L	U	0.200	1.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-BS2
% Solids:	NA	Date Collected:	
Analytical Methdod:	8082	Date Analyzed:	06/18/08 20:51
Preparation:	EPA 3510C	Date Received:	
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016	2.57	ug/L		0.200	1.00	1
11096-82-5	Aroclor-1260	2.44	ug/L		0.200	1.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-BSD2
% Solids:	NA	Date Collected:	
Analytical Methdod:	8082	Date Analyzed:	06/18/08 21:05
Preparation:	EPA 3510C	Date Received:	
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016	2.59	ug/L		0.200	1.00	1
11096-82-5	Aroclor-1260	2.41	ug/L		0.200	1.00	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806248

Fraction: GC Matrix: Water

Units: ug/L

Lab Sample ID: ***P806248-BS2***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Aroclor-1016	3.00	2.57	85.6		25	145
Aroclor-1260	3.00	2.44	81.4		30	145

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 2

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806248

Fraction: GC Matrix: Water

Units: ug/L

Lab Sample ID: ***P806248-BSD2***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Aroclor-1016	3.00	2.59	86.5		25	145	0.327
Aroclor-1260	3.00	2.41	80.2		30	145	1.47

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 2

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	980 mL / 5.0 mL	Lab Sample ID:	P806248-MS2
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8082	Date Analyzed:	06/18/08 21:20
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016	2.42	ug/L		0.204	1.02	1
11096-82-5	Aroclor-1260	2.14	ug/L		0.204	1.02	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-MSD2
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8082	Date Analyzed:	06/18/08 21:34
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016	1.96	ug/L		0.200	1.00	1
11096-82-5	Aroclor-1260	1.81	ug/L		0.200	1.00	1

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806248
Fraction:	GC	Matrix:	Water
Units:	ug/L		

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806248-MS2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Aroclor-1016	0	3.06	2.42	79.0		25	145
Aroclor-1260	0	3.06	2.14	69.8		30	145

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806248

Fraction: GC Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806248-MSD2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Aroclor-1016	0	3.00	1.96	65.4		20.8		25	145	40
Aroclor-1260	0	3.00	1.81	60.2		16.8		30	145	40

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806037

(Sample Delivery Group, SDG)

8081B

(Parameter)

P806248

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** PEST

QC Batch: P806248 **Method:** 8081B

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/17/08	6/13/08	0806037-01		SAMPLE	0806037
6/17/08	6/13/08	0806037-02		SAMPLE	0806037
6/17/08	6/13/08	0806037-03		SAMPLE	0806037
6/17/08	6/13/08	0806037-04		SAMPLE	0806037
6/17/08	6/13/08	P806248-BLK1		Method Blank	0806037
6/17/08	6/13/08	P806248-BS1		LCS	0806037
6/17/08	6/13/08	P806248-BSD1		LCS Dup	0806037
6/17/08	6/13/08	P806248-MS1	0806037-02	Matrix Spike	0806037
6/17/08	6/13/08	P806248-MSD1	0806037-02	Matrix Spike Dup	0806037

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806248

SLMW-12AR-5-08 (0806037-01)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	47.7	30	135	
TCMX	66.5	25	140	

SLMW-12BR-5-08 (0806037-02)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	39.8	30	135	
TCMX	75.5	25	140	

SLMW-10-5-08 (0806037-03)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	34.2	30	135	
TCMX	52.4	25	140	

SLMW-6-5-08 (0806037-04)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	90.0	30	135	
TCMX	113	25	140	

Blank (P806248-BLK1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	101	30	135	
TCMX	97.2	25	140	

LCS (P806248-BS1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	87.5	30	135	
TCMX	95.2	25	140	

LCS Dup (P806248-BSD1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	88.6	30	135	
TCMX	87.2	25	140	

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806248

Matrix Spike (P806248-MS1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
DCB	84.7	30	135	
TCMX	105	25	140	

Matrix Spike Dup (P806248-MSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
DCB	87.4	30	135	
TCMX	102	25	140	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8081B	Date Analyzed:	06/17/08 19:33
Preparation:	EPA 3510C	Date Received:	
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD		ug/L	U	0.0250	0.0500	1
72-55-9	4,4'-DDE		ug/L	U	0.0250	0.0500	1
50-29-3	4,4'-DDT		ug/L	U	0.0250	0.0500	1
309-00-2	Aldrin		ug/L	U	0.0125	0.0250	1
319-84-6	alpha-BHC		ug/L	U	0.0125	0.0250	1
57-74-9	Chlordane (Technical)		ug/L	U	0.250	0.500	1
5103-71-9	alpha-Chlordane		ug/L	U	0.0125	0.0250	1
319-85-7	beta-BHC		ug/L	U	0.0125	0.0250	1
319-86-8	delta-BHC		ug/L	U	0.0125	0.0250	1
60-57-1	Dieldrin		ug/L	U	0.0250	0.0500	1
959-98-8	Endosulfan I		ug/L	U	0.0125	0.0250	1
33213-65-9	Endosulfan II		ug/L	U	0.0250	0.0500	1
1031-07-8	Endosulfan sulfate		ug/L	U	0.0250	0.0500	1
72-20-8	Endrin		ug/L	U	0.0250	0.0500	1
7421-93-4	Endrin aldehyde		ug/L	U	0.0250	0.0500	1
53494-70-5	Endrin ketone		ug/L	U	0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)		ug/L	U	0.0125	0.0250	1
5103-74-2	gamma-Chlordane		ug/L	U	0.0125	0.0250	1
76-44-8	Heptachlor		ug/L	U	0.0125	0.0250	1
1024-57-3	Heptachlor epoxide		ug/L	U	0.0125	0.0250	1
72-43-5	Methoxychlor		ug/L	U	0.125	0.250	1
8001-35-2	Toxaphene		ug/L	U	1.00	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8081B	Date Analyzed:	06/17/08 19:47
Preparation:	EPA 3510C	Date Received:	
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD	0.703	ug/L		0.0250	0.0500	1
72-55-9	4,4'-DDE	0.666	ug/L		0.0250	0.0500	1
50-29-3	4,4'-DDT	0.644	ug/L		0.0250	0.0500	1
309-00-2	Aldrin	0.252	ug/L		0.0125	0.0250	1
319-84-6	alpha-BHC	0.333	ug/L		0.0125	0.0250	1
5103-71-9	alpha-Chlordane	0.319	ug/L		0.0125	0.0250	1
319-84-6	beta-BHC	0.344	ug/L		0.0125	0.0250	1
319-86-8	delta-BHC	0.156	ug/L		0.0125	0.0250	1
60-57-1	Dieldrin	0.692	ug/L		0.0250	0.0500	1
959-98-8	Endosulfan I	0.335	ug/L		0.0125	0.0250	1
33213-65-9	Endosulfan II	0.694	ug/L		0.0250	0.0500	1
1031-07-8	Endosulfan sulfate	0.601	ug/L		0.0250	0.0500	1
72-20-8	Endrin	0.696	ug/L		0.0250	0.0500	1
7421-93-4	Endrin aldehyde	0.693	ug/L		0.0250	0.0500	1
53494-70-5	Endrin ketone	0.683	ug/L		0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)	0.329	ug/L		0.0125	0.0250	1
5103-74-2	gamma-Chlordane	0.312	ug/L		0.0125	0.0250	1
76-44-8	Heptachlor	0.276	ug/L		0.0125	0.0250	1
1024-57-3	Heptachlor epoxide	0.332	ug/L		0.0125	0.0250	1
72-43-5	Methoxychlor	3.33	ug/L		0.125	0.250	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8081B	Date Analyzed:	06/17/08 20:01
Preparation:	EPA 3510C	Date Received:	
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD	0.646	ug/L		0.0250	0.0500	1
72-55-9	4,4'-DDE	0.617	ug/L		0.0250	0.0500	1
50-29-3	4,4'-DDT	0.593	ug/L		0.0250	0.0500	1
309-00-2	Aldrin	0.230	ug/L		0.0125	0.0250	1
319-84-6	alpha-BHC	0.300	ug/L		0.0125	0.0250	1
5103-71-9	alpha-Chlordane	0.291	ug/L		0.0125	0.0250	1
319-84-6	beta-BHC	0.309	ug/L		0.0125	0.0250	1
319-86-8	delta-BHC	0.140	ug/L		0.0125	0.0250	1
60-57-1	Dieldrin	0.630	ug/L		0.0250	0.0500	1
959-98-8	Endosulfan I	0.303	ug/L		0.0125	0.0250	1
33213-65-9	Endosulfan II	0.632	ug/L		0.0250	0.0500	1
1031-07-8	Endosulfan sulfate	0.545	ug/L		0.0250	0.0500	1
72-20-8	Endrin	0.633	ug/L		0.0250	0.0500	1
7421-93-4	Endrin aldehyde	0.624	ug/L		0.0250	0.0500	1
53494-70-5	Endrin ketone	0.616	ug/L		0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)	0.304	ug/L		0.0125	0.0250	1
5103-74-2	gamma-Chlordane	0.286	ug/L		0.0125	0.0250	1
76-44-8	Heptachlor	0.255	ug/L		0.0125	0.0250	1
1024-57-3	Heptachlor epoxide	0.301	ug/L		0.0125	0.0250	1
72-43-5	Methoxychlor	3.02	ug/L		0.125	0.250	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806248

Fraction: PEST Matrix: Water

Units: ug/L

Lab Sample ID: ***P806248-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
4,4'-DDD	0.700	0.703	100		25	150
4,4'-DDE	0.700	0.666	95.1		35	140
4,4'-DDT	0.700	0.644	92.0		45	140
Aldrin	0.350	0.252	71.9		25	140
alpha-BHC	0.350	0.333	95.0		60	130
alpha-Chlordane	0.350	0.319	91.0		65	125
beta-BHC	0.350	0.344	98.3		65	125
delta-BHC	0.350	0.156	44.5	ME	45	135
Dieldrin	0.700	0.692	98.9		60	130
Endosulfan I	0.350	0.335	95.8		50	110
Endosulfan II	0.700	0.694	99.2		30	130
Endosulfan sulfate	0.700	0.601	85.8		55	135
Endrin	0.700	0.696	99.5		55	135
Endrin aldehyde	0.700	0.693	99.1		55	135
Endrin ketone	0.700	0.683	97.5		75	125
gamma-BHC (Lindane)	0.350	0.329	94.1		25	135
gamma-Chlordane	0.350	0.312	89.0		60	125
Heptachlor	0.350	0.276	78.9		40	130
Heptachlor epoxide	0.350	0.332	94.8		60	130
Methoxychlor	3.50	3.33	95.0		55	150

Actual Number of Marginal Exceedences: 1

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 20

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806248

Fraction: PEST Matrix: Water

Units: ug/L

Lab Sample ID: ***P806248-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
4,4'-DDD	0.700	0.646	92.3		25	150	8.46
4,4'-DDE	0.700	0.617	88.1		35	140	7.69
4,4'-DDT	0.700	0.593	84.8		45	140	8.22
Aldrin	0.350	0.230	65.6		25	140	9.18
alpha-BHC	0.350	0.300	85.8		60	130	10.2
alpha-Chlordane	0.350	0.291	83.2		65	125	8.99
beta-BHC	0.350	0.309	88.3		65	125	10.7
delta-BHC	0.350	0.140	40.0	ME	45	135	10.6
Dieldrin	0.700	0.630	90.0		60	130	9.45
Endosulfan I	0.350	0.303	86.7		50	110	10.0
Endosulfan II	0.700	0.632	90.2		30	130	9.46
Endosulfan sulfate	0.700	0.545	77.9		55	135	9.70
Endrin	0.700	0.633	90.4		55	135	9.57
Endrin aldehyde	0.700	0.624	89.1		55	135	10.6
Endrin ketone	0.700	0.616	88.0		75	125	10.2
gamma-BHC (Lindane)	0.350	0.304	86.8		25	135	8.09
gamma-Chlordane	0.350	0.286	81.8		60	125	8.48
Heptachlor	0.350	0.255	72.9		40	130	7.94
Heptachlor epoxide	0.350	0.301	85.9		60	130	9.78
Methoxychlor	3.50	3.02	86.3		55	150	9.64

Actual Number of Marginal Exceedences: 1

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 20

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	950 mL / 5.0 mL	Lab Sample ID:	P806248-MS1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8081B	Date Analyzed:	06/17/08 20:44
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD	0.728	ug/L		0.0263	0.0526	1
72-55-9	4,4'-DDE	0.711	ug/L		0.0263	0.0526	1
50-29-3	4,4'-DDT	0.676	ug/L		0.0263	0.0526	1
309-00-2	Aldrin	0.298	ug/L		0.0132	0.0263	1
319-84-6	alpha-BHC	0.340	ug/L		0.0132	0.0263	1
5103-71-9	alpha-Chlordane	0.336	ug/L		0.0132	0.0263	1
319-84-6	beta-BHC	0.351	ug/L		0.0132	0.0263	1
319-86-8	delta-BHC	0.160	ug/L		0.0132	0.0263	1
60-57-1	Dieldrin	0.716	ug/L		0.0263	0.0526	1
959-98-8	Endosulfan I	0.346	ug/L		0.0132	0.0263	1
33213-65-9	Endosulfan II	0.715	ug/L		0.0263	0.0526	1
1031-07-8	Endosulfan sulfate	0.617	ug/L		0.0263	0.0526	1
72-20-8	Endrin	0.722	ug/L		0.0263	0.0526	1
7421-93-4	Endrin aldehyde	0.704	ug/L		0.0263	0.0526	1
53494-70-5	Endrin ketone	0.702	ug/L		0.0263	0.0526	1
58-89-9	gamma-BHC (Lindane)	0.337	ug/L		0.0132	0.0263	1
5103-74-2	gamma-Chlordane	0.336	ug/L		0.0132	0.0263	1
76-44-8	Heptachlor	0.323	ug/L		0.0132	0.0263	1
1024-57-3	Heptachlor epoxide	0.632	ug/L		0.0132	0.0263	1
72-43-5	Methoxychlor	3.45	ug/L		0.132	0.263	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-MSD1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8081B	Date Analyzed:	06/17/08 20:58
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD	0.681	ug/L		0.0250	0.0500	1
72-55-9	4,4'-DDE	0.669	ug/L		0.0250	0.0500	1
50-29-3	4,4'-DDT	0.636	ug/L		0.0250	0.0500	1
309-00-2	Aldrin	0.280	ug/L		0.0125	0.0250	1
319-84-6	alpha-BHC	0.317	ug/L		0.0125	0.0250	1
5103-71-9	alpha-Chlordane	0.317	ug/L		0.0125	0.0250	1
319-84-6	beta-BHC	0.327	ug/L		0.0125	0.0250	1
319-86-8	delta-BHC	0.151	ug/L		0.0125	0.0250	1
60-57-1	Dieldrin	0.671	ug/L		0.0250	0.0500	1
959-98-8	Endosulfan I	0.324	ug/L		0.0125	0.0250	1
33213-65-9	Endosulfan II	0.668	ug/L		0.0250	0.0500	1
1031-07-8	Endosulfan sulfate	0.579	ug/L		0.0250	0.0500	1
72-20-8	Endrin	0.676	ug/L		0.0250	0.0500	1
7421-93-4	Endrin aldehyde	0.657	ug/L		0.0250	0.0500	1
53494-70-5	Endrin ketone	0.664	ug/L		0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)	0.315	ug/L		0.0125	0.0250	1
5103-74-2	gamma-Chlordane	0.316	ug/L		0.0125	0.0250	1
76-44-8	Heptachlor	0.303	ug/L		0.0125	0.0250	1
1024-57-3	Heptachlor epoxide	0.645	ug/L		0.0125	0.0250	1
72-43-5	Methoxychlor	3.22	ug/L		0.125	0.250	1

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806248

Fraction: PEST Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806248-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
4,4'-DDD	0	0.737	0.728	98.8		25	150
4,4'-DDE	0	0.737	0.711	96.6		35	140
4,4'-DDT	0	0.737	0.676	91.8		45	140
Aldrin	0	0.368	0.298	80.9		25	140
alpha-BHC	0	0.368	0.340	92.4		60	130
alpha-Chlordane	0	0.368	0.336	91.3		65	125
beta-BHC	0	0.368	0.351	95.4		65	125
delta-BHC	0	0.368	0.160	43.5	ME	45	135
Dieldrin	0	0.737	0.716	97.2		60	130
Endosulfan I	0	0.368	0.346	93.8		50	110
Endosulfan II	0	0.737	0.715	97.1		30	130
Endosulfan sulfate	0	0.737	0.617	83.8		55	135
Endrin	0	0.737	0.722	98.0		55	135
Endrin aldehyde	0	0.737	0.704	95.6		55	135
Endrin ketone	0	0.737	0.702	95.2		75	125
gamma-BHC (Lindane)	0	0.368	0.337	91.5		25	135
gamma-Chlordane	0	0.368	0.336	91.1		60	125
Heptachlor	0	0.368	0.323	87.7		40	130
Heptachlor epoxide	0.318	0.368	0.632	85.3		60	130
Methoxychlor	0	3.68	3.45	93.6		55	150

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806248

Fraction: PEST Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806248-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
4,4'-DDD	0	0.700	0.681	97.3		6.64		25	150	50
4,4'-DDE	0	0.700	0.669	95.6		6.08		35	140	50
4,4'-DDT	0	0.700	0.636	90.8		6.19		45	140	50
Aldrin	0	0.350	0.280	80.0		6.18		25	140	50
alpha-BHC	0	0.350	0.317	90.7		6.93		60	130	50
alpha-Chlordane	0	0.350	0.317	90.5		6.03		65	125	50
beta-BHC	0	0.350	0.327	93.4		7.21		65	125	50
delta-BHC	0	0.350	0.151	43.1	ME	6.11		45	135	50
Dieldrin	0	0.700	0.671	95.9		6.47		60	130	50
Endosulfan I	0	0.350	0.324	92.5		6.50		50	110	50
Endosulfan II	0	0.700	0.668	95.4		6.83		30	130	50
Endosulfan sulfate	0	0.700	0.579	82.7		6.42		55	135	50
Endrin	0	0.700	0.676	96.6		6.53		55	135	50
Endrin aldehyde	0	0.700	0.657	93.8		6.99		55	135	50
Endrin ketone	0	0.700	0.664	94.8		5.55		75	125	50
gamma-BHC (Lindane)	0	0.350	0.315	90.0		6.74		25	135	50
gamma-Chlordane	0	0.350	0.316	90.2		6.13		60	125	50
Heptachlor	0	0.350	0.303	86.6		6.37		40	130	50
Heptachlor epoxide	0.318	0.350	0.645	93.3		1.90		60	130	50
Methoxychlor	0	3.50	3.22	92.1		6.75		55	150	50

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806037

(Sample Delivery Group, SDG)

376.2

(Parameter)

P806259

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** Wet Chemistry

QC Batch: P806259 **Method:** 376.2

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/13/08	6/13/08	0806037-01		SAMPLE	0806037
6/13/08	6/13/08	0806037-02		SAMPLE	0806037
6/13/08	6/13/08	0806037-03		SAMPLE	0806037
6/13/08	6/13/08	0806037-04		SAMPLE	0806037
6/13/08	6/13/08	P806259-BLK1		Method Blank	0806037
6/13/08	6/13/08	P806259-BS1		LCS	0806037
6/13/08	6/13/08	P806259-BSD1		LCS Dup	0806037
6/13/08	6/13/08	P806259-MS1	0806037-02	Matrix Spike	0806037
6/13/08	6/13/08	P806259-MSD1	0806037-02	Matrix Spike Dup	0806037

Form 1 - Equivalent

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	P806259-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	
Batch:	P806259	Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide		mg/L	U	0.0500	0.178	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	P806259-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	
Batch:	P806259	Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide	0.373	mg/L		0.0500	0.178	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	P806259-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	
Batch:	P806259	Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide	0.391	mg/L		0.0500	0.178	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806259
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Lab Sample ID: ***P806259-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Sulfide	0.375	0.373	99.5		75	125

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806259

Fraction: WET Matrix: Water

Units: mg/L

Lab Sample ID: ***P806259-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Sulfide	0.375	0.391	104		75	125	4.71

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	P806259-MS1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806259	Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide	0.417	mg/L		0.0500	0.178	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	P806259-MSD1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806259	Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide	0.488	mg/L		0.0500	0.178	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806259
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806259-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Sulfide	0	0.375	0.417	111		75	125

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806259

Fraction: WET Matrix: Water

Units: mg/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806259-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Sulfide	0	0.375	0.488	130	ME*	15.7		75	125	25

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806037

(Sample Delivery Group, SDG)

8270C

(Parameter)

P806275

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** GC Extractables

QC Batch: P806275 **Method:** 8270C

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/18/08	6/16/08	0806037-01		SAMPLE	0806037
6/18/08	6/16/08	0806037-02		SAMPLE	0806037
6/18/08	6/16/08	0806037-03		SAMPLE	0806037
6/18/08	6/16/08	0806037-04		SAMPLE	0806037
6/18/08	6/16/08	P806275-BLK1		Method Blank	0806037
6/18/08	6/16/08	P806275-BS1		LCS	0806037
6/18/08	6/16/08	P806275-BSD1		LCS Dup	0806037
6/19/08	6/16/08	P806275-MS1	0806036-01	Matrix Spike	0806037
6/18/08	6/16/08	P806275-MS2	0806037-02	Matrix Spike	0806037
6/18/08	6/16/08	P806275-MSD1	0806036-01	Matrix Spike Dup	0806037
6/18/08	6/16/08	P806275-MSD2	0806037-02	Matrix Spike Dup	0806037

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806275

SLMW-12AR-5-08 (0806037-01)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	73.6	40	125	
2-Fluorobiphenyl	68.9	40	140	
2-Fluorophenol	61.5	20	110	
Nitrobenzene-d5	72.6	40	110	
Phenol-d5	53.3	10	115	
Terphenyl-d14	86.4	50	135	

SLMW-12BR-5-08 (0806037-02)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	74.7	40	125	
2-Fluorobiphenyl	75.0	40	140	
2-Fluorophenol	69.5	20	110	
Nitrobenzene-d5	83.0	40	110	
Phenol-d5	58.6	10	115	
Terphenyl-d14	89.1	50	135	

SLMW-10-5-08 (0806037-03)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	72.9	40	125	
2-Fluorobiphenyl	74.5	40	140	
2-Fluorophenol	64.1	20	110	
Nitrobenzene-d5	75.4	40	110	
Phenol-d5	53.3	10	115	
Terphenyl-d14	87.3	50	135	

SLMW-6-5-08 (0806037-04)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	73.7	40	125	
2-Fluorobiphenyl	75.6	40	140	
2-Fluorophenol	68.8	20	110	
Nitrobenzene-d5	81.9	40	110	
Phenol-d5	56.0	10	115	
Terphenyl-d14	92.6	50	135	

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806275

Blank (P806275-BLK1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	59.2	40	125	
2-Fluorobiphenyl	60.9	40	140	
2-Fluorophenol	54.8	20	110	
Nitrobenzene-d5	63.0	40	110	
Phenol-d5	46.2	10	115	
Terphenyl-d14	79.0	50	135	

LCS (P806275-BS1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	81.3	40	125	
2-Fluorobiphenyl	83.1	40	140	
2-Fluorophenol	78.4	20	110	
Nitrobenzene-d5	87.2	40	110	
Phenol-d5	66.9	10	115	
Terphenyl-d14	93.1	50	135	

LCS Dup (P806275-BSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	79.5	40	125	
2-Fluorobiphenyl	78.5	40	140	
2-Fluorophenol	81.9	20	110	
Nitrobenzene-d5	87.3	40	110	
Phenol-d5	67.3	10	115	
Terphenyl-d14	92.0	50	135	

Matrix Spike (P806275-MS1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	76.3	40	125	
2-Fluorobiphenyl	69.1	40	140	
2-Fluorophenol	53.0	20	110	
Nitrobenzene-d5	78.3	40	110	
Phenol-d5	38.4	10	115	
Terphenyl-d14	88.1	50	135	

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806275

Matrix Spike (P806275-MS2)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	84.1	40	125	
2-Fluorobiphenyl	80.4	40	140	
2-Fluorophenol	73.9	20	110	
Nitrobenzene-d5	87.6	40	110	
Phenol-d5	61.0	10	115	
Terphenyl-d14	92.4	50	135	

Matrix Spike Dup (P806275-MSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	87.1	40	125	
2-Fluorobiphenyl	83.0	40	140	
2-Fluorophenol	58.7	20	110	
Nitrobenzene-d5	88.6	40	110	
Phenol-d5	40.1	10	115	
Terphenyl-d14	94.3	50	135	

Matrix Spike Dup (P806275-MSD2)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	80.3	40	125	
2-Fluorobiphenyl	79.0	40	140	
2-Fluorophenol	73.6	20	110	
Nitrobenzene-d5	83.6	40	110	
Phenol-d5	59.0	10	115	
Terphenyl-d14	97.4	50	135	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806275-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/18/08 17:09
Preparation:	EPA 3510C	Date Received:	
Batch:	P806275	Date Prepared:	06/16/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.250	10.0	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.230	10.0	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.360	10.0	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol		ug/L	U	0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol		ug/L	U	0.670	10.0	1
120-83-2	2,4-Dichlorophenol		ug/L	U	0.360	10.0	1
105-67-9	2,4-Dimethylphenol		ug/L	U	0.230	10.0	1
51-28-5	2,4-Dinitrophenol		ug/L	U	1.59	10.0	1
121-14-2	2,4-Dinitrotoluene		ug/L	U	0.350	10.0	1
606-20-2	2,6-Dinitrotoluene		ug/L	U	0.240	10.0	1
91-58-7	2-Chloronaphthalene		ug/L	U	0.160	10.0	1
95-57-8	2-Chlorophenol		ug/L	U	0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol		ug/L	U	0.950	10.0	1
91-57-6	2-Methylnaphthalene		ug/L	U	2.62	10.0	1
95-48-7	2-Methylphenol		ug/L	U	0.310	10.0	1
88-74-4	2-Nitroaniline		ug/L	U	0.430	10.0	1
88-75-5	2-Nitrophenol		ug/L	U	0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine		ug/L	U	1.46	10.0	1
99-09-2	3-Nitroaniline		ug/L	U	0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether		ug/L	U	0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol		ug/L	U	0.250	10.0	1
106-47-8	4-Chloroaniline		ug/L	U	0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether		ug/L	U	0.470	10.0	1
100-01-6	4-Nitroaniline		ug/L	U	3.53	10.0	1
100-02-7	4-Nitrophenol		ug/L	U	0.810	10.0	1
83-32-9	Acenaphthene		ug/L	U	0.180	10.0	1
208-96-8	Acenaphthylene		ug/L	U	0.120	10.0	1
120-12-7	Anthracene		ug/L	U	0.220	10.0	1
56-55-3	Benzo(a)anthracene		ug/L	U	0.090	10.0	1
50-32-8	Benzo(a)pyrene		ug/L	U	0.120	10.0	1
205-99-2	Benzo(b)fluoranthene		ug/L	U	0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene		ug/L	U	0.440	10.0	1
207-08-9	Benzo(k)fluoranthene		ug/L	U	0.860	10.0	1
65-85-0	Benzoic acid		ug/L	U	2.35	10.0	1
100-51-6	Benzyl alcohol		ug/L	U	0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane		ug/L	U	0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether		ug/L	U	0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether		ug/L	U	0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate	1.31	ug/L	J	0.590	10.0	1
85-68-7	Butyl benzyl phthalate		ug/L	U	0.410	10.0	1
86-74-8	Carbazole		ug/L	U	0.340	10.0	1
218-01-9	Chrysene		ug/L	U	0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene		ug/L	U	2.26	10.0	1
132-64-9	Dibenzofuran		ug/L	U	0.170	10.0	1
84-66-2	Diethyl phthalate		ug/L	U	0.410	10.0	1
131-11-3	Dimethyl phthalate		ug/L	U	0.310	10.0	1
84-74-2	Di-n-butyl phthalate		ug/L	U	0.220	10.0	1
117-84-0	Di-n-octyl phthalate		ug/L	U	1.88	10.0	1
122-39-4	Diphenylamine		ug/L	U	0.630	10.0	1

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806275-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/18/08 17:09
Preparation:	EPA 3510C	Date Received:	
Batch:	P806275	Date Prepared:	06/16/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
206-44-0	Fluoranthene		ug/L	U	0.220	10.0	1
86-73-7	Fluorene		ug/L	U	0.420	10.0	1
118-74-1	Hexachlorobenzene		ug/L	U	0.130	10.0	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene		ug/L	U	0.320	10.0	1
67-72-1	Hexachloroethane		ug/L	U	0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene		ug/L	U	1.56	10.0	1
78-59-1	Isophorone		ug/L	U	0.120	10.0	1
91-20-3	Naphthalene		ug/L	U	0.240	10.0	1
98-95-3	Nitrobenzene		ug/L	U	0.330	10.0	1
62-75-9	N-Nitrosodimethylamine		ug/L	U	0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine		ug/L	U	0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine		ug/L	U	0.140	10.0	1
87-86-5	Pentachlorophenol		ug/L	U	0.300	10.0	1
85-01-8	Phenanthrene		ug/L	U	0.240	10.0	1
108-95-2	Phenol		ug/L	U	0.120	10.0	1
129-00-0	Pyrene		ug/L	U	0.400	10.0	1
34MP	3 & 4 Methylphenol		ug/L	U	4.00	20.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806275-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/18/08 17:36
Preparation:	EPA 3510C	Date Received:	
Batch:	P806275	Date Prepared:	06/16/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene	35.0	ug/L		0.250	10.0	1
95-50-1	1,2-Dichlorobenzene	35.3	ug/L		0.230	10.0	1
541-73-1	1,3-Dichlorobenzene	34.2	ug/L		0.360	10.0	1
106-46-7	1,4-Dichlorobenzene	34.7	ug/L		0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol	41.4	ug/L		0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol	40.3	ug/L		0.670	10.0	1
120-83-2	2,4-Dichlorophenol	42.3	ug/L		0.360	10.0	1
105-67-9	2,4-Dimethylphenol	42.6	ug/L		0.230	10.0	1
51-28-5	2,4-Dinitrophenol	32.1	ug/L		1.59	10.0	1
121-14-2	2,4-Dinitrotoluene	40.8	ug/L		0.350	10.0	1
606-20-2	2,6-Dinitrotoluene	41.9	ug/L		0.240	10.0	1
91-58-7	2-Chloronaphthalene	40.0	ug/L		0.160	10.0	1
95-57-8	2-Chlorophenol	42.5	ug/L		0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol	39.4	ug/L		0.950	10.0	1
91-57-6	2-Methylnaphthalene	40.2	ug/L		2.62	10.0	1
95-48-7	2-Methylphenol	41.7	ug/L		0.310	10.0	1
88-74-4	2-Nitroaniline	43.1	ug/L		0.430	10.0	1
88-75-5	2-Nitrophenol	41.0	ug/L		0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine	43.7	ug/L		1.46	10.0	1
99-09-2	3-Nitroaniline	46.2	ug/L		0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether	41.0	ug/L		0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol	42.7	ug/L		0.250	10.0	1
106-47-8	4-Chloroaniline	10.3	ug/L		0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether	40.5	ug/L		0.470	10.0	1
100-01-6	4-Nitroaniline	43.0	ug/L		3.53	10.0	1
100-02-7	4-Nitrophenol	28.1	ug/L		0.810	10.0	1
83-32-9	Acenaphthene	42.4	ug/L		0.180	10.0	1
208-96-8	Acenaphthylene	42.6	ug/L		0.120	10.0	1
120-12-7	Anthracene	44.7	ug/L		0.220	10.0	1
56-55-3	Benzo(a)anthracene	44.0	ug/L		0.090	10.0	1
50-32-8	Benzo(a)pyrene	42.6	ug/L		0.120	10.0	1
205-99-2	Benzo(b)fluoranthene	45.6	ug/L		0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene	42.1	ug/L		0.440	10.0	1
207-08-9	Benzo(k)fluoranthene	40.4	ug/L		0.860	10.0	1
65-85-0	Benzoic acid	17.2	ug/L		2.35	10.0	1
100-51-6	Benzyl alcohol	39.0	ug/L		0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane	42.9	ug/L		0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether	40.3	ug/L		0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether	43.0	ug/L		0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate	43.8	ug/L	B	0.590	10.0	1
85-68-7	Butyl benzyl phthalate	42.4	ug/L		0.410	10.0	1
86-74-8	Carbazole	43.7	ug/L		0.340	10.0	1
218-01-9	Chrysene	44.3	ug/L		0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene	41.6	ug/L		2.26	10.0	1
132-64-9	Dibenzofuran	43.0	ug/L		0.170	10.0	1
84-66-2	Diethyl phthalate	42.4	ug/L		0.410	10.0	1
131-11-3	Dimethyl phthalate	44.3	ug/L		0.310	10.0	1
84-74-2	Di-n-butyl phthalate	45.3	ug/L		0.220	10.0	1
117-84-0	Di-n-octyl phthalate	44.5	ug/L		1.88	10.0	1
122-39-4	Diphenylamine	42.5	ug/L		0.630	10.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806275-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/18/08 17:36
Preparation:	EPA 3510C	Date Received:	
Batch:	P806275	Date Prepared:	06/16/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
206-44-0	Fluoranthene	45.0	ug/L		0.220	10.0	1
86-73-7	Fluorene	43.4	ug/L		0.420	10.0	1
118-74-1	Hexachlorobenzene	41.1	ug/L		0.130	10.0	1
87-68-3	Hexachlorobutadiene	33.5	ug/L		0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene	21.0	ug/L		0.320	10.0	1
67-72-1	Hexachloroethane	33.9	ug/L		0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene	42.6	ug/L		1.56	10.0	1
78-59-1	Isophorone	47.1	ug/L		0.120	10.0	1
91-20-3	Naphthalene	41.6	ug/L		0.240	10.0	1
98-95-3	Nitrobenzene	43.3	ug/L		0.330	10.0	1
62-75-9	N-Nitrosodimethylamine	28.7	ug/L		0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine	43.4	ug/L		0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine	43.4	ug/L		0.140	10.0	1
87-86-5	Pentachlorophenol	40.6	ug/L		0.300	10.0	1
85-01-8	Phenanthrene	44.7	ug/L		0.240	10.0	1
108-95-2	Phenol	30.2	ug/L		0.120	10.0	1
129-00-0	Pyrene	44.7	ug/L		0.400	10.0	1
34MP	3 & 4 Methylphenol	80.6	ug/L		4.00	20.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806275-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/18/08 18:03
Preparation:	EPA 3510C	Date Received:	
Batch:	P806275	Date Prepared:	06/16/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene	34.5	ug/L		0.250	10.0	1
95-50-1	1,2-Dichlorobenzene	35.4	ug/L		0.230	10.0	1
541-73-1	1,3-Dichlorobenzene	33.9	ug/L		0.360	10.0	1
106-46-7	1,4-Dichlorobenzene	34.8	ug/L		0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol	39.2	ug/L		0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol	39.3	ug/L		0.670	10.0	1
120-83-2	2,4-Dichlorophenol	42.4	ug/L		0.360	10.0	1
105-67-9	2,4-Dimethylphenol	42.3	ug/L		0.230	10.0	1
51-28-5	2,4-Dinitrophenol	37.3	ug/L		1.59	10.0	1
121-14-2	2,4-Dinitrotoluene	41.0	ug/L		0.350	10.0	1
606-20-2	2,6-Dinitrotoluene	42.5	ug/L		0.240	10.0	1
91-58-7	2-Chloronaphthalene	37.3	ug/L		0.160	10.0	1
95-57-8	2-Chlorophenol	42.6	ug/L		0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol	40.1	ug/L		0.950	10.0	1
91-57-6	2-Methylnaphthalene	38.4	ug/L		2.62	10.0	1
95-48-7	2-Methylphenol	41.1	ug/L		0.310	10.0	1
88-74-4	2-Nitroaniline	41.6	ug/L		0.430	10.0	1
88-75-5	2-Nitrophenol	41.5	ug/L		0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine	43.9	ug/L		1.46	10.0	1
99-09-2	3-Nitroaniline	41.0	ug/L		0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether	41.0	ug/L		0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol	42.9	ug/L		0.250	10.0	1
106-47-8	4-Chloroaniline	4.72	ug/L	J	0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether	39.2	ug/L		0.470	10.0	1
100-01-6	4-Nitroaniline	41.6	ug/L		3.53	10.0	1
100-02-7	4-Nitrophenol	28.0	ug/L		0.810	10.0	1
83-32-9	Acenaphthene	40.4	ug/L		0.180	10.0	1
208-96-8	Acenaphthylene	40.8	ug/L		0.120	10.0	1
120-12-7	Anthracene	44.9	ug/L		0.220	10.0	1
56-55-3	Benzo(a)anthracene	43.4	ug/L		0.090	10.0	1
50-32-8	Benzo(a)pyrene	42.4	ug/L		0.120	10.0	1
205-99-2	Benzo(b)fluoranthene	44.4	ug/L		0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene	41.5	ug/L		0.440	10.0	1
207-08-9	Benzo(k)fluoranthene	40.3	ug/L		0.860	10.0	1
65-85-0	Benzoic acid	20.6	ug/L		2.35	10.0	1
100-51-6	Benzyl alcohol	38.9	ug/L		0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane	42.8	ug/L		0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether	40.3	ug/L		0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether	43.1	ug/L		0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate	42.5	ug/L	B	0.590	10.0	1
85-68-7	Butyl benzyl phthalate	41.5	ug/L		0.410	10.0	1
86-74-8	Carbazole	43.3	ug/L		0.340	10.0	1
218-01-9	Chrysene	44.0	ug/L		0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene	41.5	ug/L		2.26	10.0	1
132-64-9	Dibenzofuran	42.0	ug/L		0.170	10.0	1
84-66-2	Diethyl phthalate	42.2	ug/L		0.410	10.0	1
131-11-3	Dimethyl phthalate	40.5	ug/L		0.310	10.0	1
84-74-2	Di-n-butyl phthalate	44.7	ug/L		0.220	10.0	1
117-84-0	Di-n-octyl phthalate	43.3	ug/L		1.88	10.0	1
122-39-4	Diphenylamine	41.9	ug/L		0.630	10.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806275-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/18/08 18:03
Preparation:	EPA 3510C	Date Received:	
Batch:	P806275	Date Prepared:	06/16/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
206-44-0	Fluoranthene	45.4	ug/L		0.220	10.0	1
86-73-7	Fluorene	41.4	ug/L		0.420	10.0	1
118-74-1	Hexachlorobenzene	40.6	ug/L		0.130	10.0	1
87-68-3	Hexachlorobutadiene	33.2	ug/L		0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene	21.5	ug/L		0.320	10.0	1
67-72-1	Hexachloroethane	33.7	ug/L		0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene	42.4	ug/L		1.56	10.0	1
78-59-1	Isophorone	46.0	ug/L		0.120	10.0	1
91-20-3	Naphthalene	40.8	ug/L		0.240	10.0	1
98-95-3	Nitrobenzene	42.6	ug/L		0.330	10.0	1
62-75-9	N-Nitrosodimethylamine	28.9	ug/L		0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine	43.4	ug/L		0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine	43.4	ug/L		0.140	10.0	1
87-86-5	Pentachlorophenol	40.0	ug/L		0.300	10.0	1
85-01-8	Phenanthrene	45.0	ug/L		0.240	10.0	1
108-95-2	Phenol	30.8	ug/L		0.120	10.0	1
129-00-0	Pyrene	44.4	ug/L		0.400	10.0	1
34MP	3 & 4 Methylphenol	82.8	ug/L		4.00	20.0	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806275

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806275-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
1,2,4-Trichlorobenzene	50.0	35.0	70.0		35	105
1,2-Dichlorobenzene	50.0	35.3	70.7		35	100
1,3-Dichlorobenzene	50.0	34.2	68.4		30	100
1,4-Dichlorobenzene	50.0	34.7	69.4		30	100
2,4,5-Trichlorophenol	50.0	41.4	82.7		50	110
2,4,6-Trichlorophenol	50.0	40.3	80.7		50	115
2,4-Dichlorophenol	50.0	42.3	84.5		50	105
2,4-Dimethylphenol	50.0	42.6	85.2		30	110
2,4-Dinitrophenol	50.0	32.1	64.1		15	140
2,4-Dinitrotoluene	50.0	40.8	81.6		50	120
2,6-Dinitrotoluene	50.0	41.9	83.7		50	115
2-Chloronaphthalene	50.0	40.0	80.0		50	105
2-Chlorophenol	50.0	42.5	85.0		35	105
2-Methyl-4,6-dinitrophenol	50.0	39.4	78.9		45	135
2-Methylnaphthalene	50.0	40.2	80.3		45	105
2-Methylphenol	50.0	41.7	83.4		40	110
2-Nitroaniline	50.0	43.1	86.1		50	115
2-Nitrophenol	50.0	41.0	82.0		40	115
3,3'-Dichlorobenzidine	50.0	43.7	87.4		20	110
3-Nitroaniline	50.0	46.2	92.4		20	125
4-Bromophenyl phenyl ether	50.0	41.0	81.9		50	115
4-Chloro-3-methylphenol	50.0	42.7	85.5		45	110
4-Chloroaniline	50.0	10.3	20.6		15	110
4-Chlorophenyl phenyl ether	50.0	40.5	80.9		50	110
4-Nitroaniline	50.0	43.0	86.0		35	120
4-Nitrophenol	50.0	28.1	56.1		45	135
Acenaphthene	50.0	42.4	84.9		45	110
Acenaphthylene	50.0	42.6	85.2		50	105
Anthracene	50.0	44.7	89.4		55	110
Benzo(a)anthracene	50.0	44.0	88.1		55	110
Benzo(a)pyrene	50.0	42.6	85.3		55	110
Benzo(b)fluoranthene	50.0	45.6	91.1		45	120
Benzo (g,h,i) perylene	50.0	42.1	84.1		40	125
Benzo(k)fluoranthene	50.0	40.4	80.7		45	125
Benzoic acid	50.0	17.2	34.4		20	145
Benzyl alcohol	50.0	39.0	78.0		45	135
Bis(2-chloroethoxy)methane	50.0	42.9	85.7		45	105
Bis(2-chloroethyl)ether	50.0	40.3	80.7		35	110
Bis(2-chloroisopropyl) ether	50.0	43.0	86.1		25	130
Bis(2-ethylhexyl) phthalate	50.0	43.8	87.7		40	125
Butyl benzyl phthalate	50.0	42.4	84.8		45	115
Carbazole	50.0	43.7	87.4		50	115
Chrysene	50.0	44.3	88.6		55	110
Dibenz(a,h)anthracene	50.0	41.6	83.1		40	125
Dibenzofuran	50.0	43.0	86.0		55	105
Diethyl phthalate	50.0	42.4	84.8		40	120
Dimethyl phthalate	50.0	44.3	88.6		25	125
Di-n-butyl phthalate	50.0	45.3	90.6		55	115
Di-n-octyl phthalate	50.0	44.5	88.9		35	135
Diphenylamine	50.0	42.5	85.1		45	135
Fluoranthene	50.0	45.0	89.9		55	115
Fluorene	50.0	43.4	86.7		50	110
Hexachlorobenzene	50.0	41.1	82.2		50	110
Hexachlorobutadiene	50.0	33.5	67.0		25	105

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806275

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806275-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Hexachlorocyclopentadiene	50.0	21.0	42.1		30	145
Hexachloroethane	50.0	33.9	67.7		30	95
Indeno (1,2,3-cd) pyrene	50.0	42.6	85.3		45	125
Isophorone	50.0	47.1	94.1		50	110
Naphthalene	50.0	41.6	83.3		40	100
Nitrobenzene	50.0	43.3	86.6		45	110
N-Nitrosodimethylamine	50.0	28.7	57.4		20	115
N-Nitrosodi-n-propylamine	50.0	43.4	86.7		35	130
N-Nitrosodiphenylamine	50.0	43.4	86.9		50	110
Pentachlorophenol	50.0	40.6	81.2		40	115
Phenanthrene	50.0	44.7	89.5		50	115
Phenol	50.0	30.2	60.5		45	135
Pyrene	50.0	44.7	89.4		50	130
3 & 4 Methylphenol	100	80.6	80.6		30	110

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806275

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806275-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
1,2,4-Trichlorobenzene	50.0	34.5	69.0		35	105	1.55
1,2-Dichlorobenzene	50.0	35.4	70.8		35	100	0.198
1,3-Dichlorobenzene	50.0	33.9	67.8		30	100	0.881
1,4-Dichlorobenzene	50.0	34.8	69.6		30	100	0.288
2,4,5-Trichlorophenol	50.0	39.2	78.4		50	110	5.34
2,4,6-Trichlorophenol	50.0	39.3	78.6		50	115	2.56
2,4-Dichlorophenol	50.0	42.4	84.8		50	105	0.283
2,4-Dimethylphenol	50.0	42.3	84.6		30	110	0.730
2,4-Dinitrophenol	50.0	37.3	74.7		15	140	15.2
2,4-Dinitrotoluene	50.0	41.0	82.1		50	120	0.513
2,6-Dinitrotoluene	50.0	42.5	85.0		50	115	1.49
2-Chloronaphthalene	50.0	37.3	74.6		50	105	6.99
2-Chlorophenol	50.0	42.6	85.3		35	105	0.399
2-Methyl-4,6-dinitrophenol	50.0	40.1	80.2		45	135	1.68
2-Methylnaphthalene	50.0	38.4	76.7		45	105	4.58
2-Methylphenol	50.0	41.1	82.3		40	110	1.35
2-Nitroaniline	50.0	41.6	83.2		50	115	3.40
2-Nitrophenol	50.0	41.5	83.0		40	115	1.12
3,3'-Dichlorobenzidine	50.0	43.9	87.7		20	110	0.434
3-Nitroaniline	50.0	41.0	82.0		20	125	12.0
4-Bromophenyl phenyl ether	50.0	41.0	82.0		50	115	0.0732
4-Chloro-3-methylphenol	50.0	42.9	85.8		45	110	0.350
4-Chloroaniline	50.0	4.72	9.44	ME*	15	110	74.1
4-Chlorophenyl phenyl ether	50.0	39.2	78.4		50	110	3.24
4-Nitroaniline	50.0	41.6	83.3		35	120	3.26
4-Nitrophenol	50.0	28.0	55.9		45	135	0.393
Acenaphthene	50.0	40.4	80.9		45	110	4.85
Acenaphthylene	50.0	40.8	81.5		50	105	4.34
Anthracene	50.0	44.9	89.8		55	110	0.424
Benzo(a)anthracene	50.0	43.4	86.7		55	110	1.56
Benzo(a)pyrene	50.0	42.4	84.9		55	110	0.470
Benzo(b)fluoranthene	50.0	44.4	88.7		45	120	2.67
Benzo (g,h,i) perylene	50.0	41.5	82.9		40	125	1.44
Benzo(k)fluoranthene	50.0	40.3	80.6		45	125	0.174
Benzoic acid	50.0	20.6	41.1		20	145	17.7
Benzyl alcohol	50.0	38.9	77.7		45	135	0.308
Bis(2-chloroethoxy)methane	50.0	42.8	85.6		45	105	0.140
Bis(2-chloroethyl)ether	50.0	40.3	80.5		35	110	0.149
Bis(2-chloroisopropyl) ether	50.0	43.1	86.2		25	130	0.209
Bis(2-ethylhexyl) phthalate	50.0	42.5	84.9		40	125	3.22
Butyl benzyl phthalate	50.0	41.5	83.0		45	115	2.14
Carbazole	50.0	43.3	86.5		50	115	0.966
Chrysene	50.0	44.0	88.0		55	110	0.657
Dibenz(a,h)anthracene	50.0	41.5	83.0		40	125	0.193
Dibenzofuran	50.0	42.0	83.9		55	105	2.42
Diethyl phthalate	50.0	42.2	84.3		40	120	0.568
Dimethyl phthalate	50.0	40.5	81.0		25	125	8.96
Di-n-butyl phthalate	50.0	44.7	89.4		55	115	1.33
Di-n-octyl phthalate	50.0	43.3	86.6		35	135	2.67
Diphenylamine	50.0	41.9	83.9		45	135	1.42
Fluoranthene	50.0	45.4	90.8		55	115	0.952
Fluorene	50.0	41.4	82.9		50	110	4.55
Hexachlorobenzene	50.0	40.6	81.1		50	110	1.30
Hexachlorobutadiene	50.0	33.2	66.4		25	105	0.810

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806275

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806275-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Hexachlorocyclopentadiene	50.0	21.5	43.1		30	145	2.30
Hexachloroethane	50.0	33.7	67.4		30	95	0.533
Indeno (1,2,3-cd) pyrene	50.0	42.4	84.8		45	125	0.494
Isophorone	50.0	46.0	92.0		50	110	2.23
Naphthalene	50.0	40.8	81.6		40	100	2.01
Nitrobenzene	50.0	42.6	85.2		45	110	1.61
N-Nitrosodimethylamine	50.0	28.9	57.8		20	115	0.625
N-Nitrosodi-n-propylamine	50.0	43.4	86.8		35	130	0.0461
N-Nitrosodiphenylamine	50.0	43.4	86.9		50	110	0.00
Pentachlorophenol	50.0	40.0	80.1		40	115	1.41
Phenanthrene	50.0	45.0	90.0		50	115	0.579
Phenol	50.0	30.8	61.7		45	135	1.93
Pyrene	50.0	44.4	88.8		50	130	0.741
3 & 4 Methylphenol	100	82.8	82.8		30	110	2.70

Actual Number of Marginal Exceedences: 1

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	910 mL / 1.0 mL	Lab Sample ID:	P806275-MS1
% Solids:	NA	Date Collected:	06/09/08 07:30
Analytical Methdod:	8270C	Date Analyzed:	06/19/08 22:02
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806275	Date Prepared:	06/16/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene	33.3	ug/L		0.275	11.0	1
95-50-1	1,2-Dichlorobenzene	32.3	ug/L		0.253	11.0	1
541-73-1	1,3-Dichlorobenzene	31.4	ug/L		0.396	11.0	1
106-46-7	1,4-Dichlorobenzene	32.3	ug/L		0.220	11.0	1
95-95-4	2,4,5-Trichlorophenol	41.3	ug/L		0.945	11.0	1
88-06-2	2,4,6-Trichlorophenol	42.0	ug/L		0.736	11.0	1
120-83-2	2,4-Dichlorophenol	41.8	ug/L		0.396	11.0	1
105-67-9	2,4-Dimethylphenol	51.4	ug/L		0.253	11.0	1
51-28-5	2,4-Dinitrophenol	56.7	ug/L		1.75	11.0	1
121-14-2	2,4-Dinitrotoluene	47.2	ug/L		0.385	11.0	1
606-20-2	2,6-Dinitrotoluene	44.7	ug/L		0.264	11.0	1
91-58-7	2-Chloronaphthalene	37.4	ug/L		0.176	11.0	1
95-57-8	2-Chlorophenol	39.2	ug/L		0.132	11.0	1
534-52-1	2-Methyl-4,6-dinitrophenol	46.9	ug/L		1.04	11.0	1
91-57-6	2-Methylnaphthalene	67.7	ug/L		2.88	11.0	1
95-48-7	2-Methylphenol	39.0	ug/L		0.341	11.0	1
88-74-4	2-Nitroaniline	33.3	ug/L		0.473	11.0	1
88-75-5	2-Nitrophenol	53.5	ug/L		0.385	11.0	1
91-94-1	3,3'-Dichlorobenzidine		ug/L	U	1.60	11.0	1
99-09-2	3-Nitroaniline	15.5	ug/L		0.374	11.0	1
101-55-3	4-Bromophenyl phenyl ether	43.8	ug/L		0.396	11.0	1
59-50-7	4-Chloro-3-methylphenol	45.2	ug/L		0.275	11.0	1
106-47-8	4-Chloroaniline	5.16	ug/L	J	0.956	11.0	1
7005-72-3	4-Chlorophenyl phenyl ether	42.8	ug/L		0.516	11.0	1
100-01-6	4-Nitroaniline	12.2	ug/L		3.88	11.0	1
100-02-7	4-Nitrophenol	140	ug/L		0.890	11.0	1
83-32-9	Acenaphthene	43.7	ug/L		0.198	11.0	1
208-96-8	Acenaphthylene	41.0	ug/L		0.132	11.0	1
120-12-7	Anthracene	48.4	ug/L		0.242	11.0	1
56-55-3	Benzo(a)anthracene	45.4	ug/L		0.099	11.0	1
50-32-8	Benzo(a)pyrene	44.3	ug/L		0.132	11.0	1
205-99-2	Benzo(b)fluoranthene	43.7	ug/L		0.095	11.0	1
191-24-2	Benzo (g,h,i) perylene	44.4	ug/L		0.484	11.0	1
207-08-9	Benzo(k)fluoranthene	45.7	ug/L		0.945	11.0	1
65-85-0	Benzoic acid	36.4	ug/L		2.58	11.0	1
100-51-6	Benzyl alcohol	45.3	ug/L		0.571	11.0	1
111-91-1	Bis(2-chloroethoxy)methane	47.3	ug/L		0.231	11.0	1
111-44-4	Bis(2-chloroethyl)ether	41.7	ug/L		0.105	11.0	1
108-60-1	Bis(2-chloroisopropyl) ether	47.5	ug/L		0.484	11.0	1
117-81-7	Bis(2-ethylhexyl) phthalate	47.4	ug/L	B	0.648	11.0	1
85-68-7	Butyl benzyl phthalate	46.0	ug/L		0.451	11.0	1
86-74-8	Carbazole	59.3	ug/L		0.374	11.0	1
218-01-9	Chrysene	46.0	ug/L		0.440	11.0	1
53-70-3	Dibenz(a,h)anthracene	43.7	ug/L		2.48	11.0	1
132-64-9	Dibenzofuran	44.5	ug/L		0.187	11.0	1
84-66-2	Diethyl phthalate	44.8	ug/L		0.451	11.0	1
131-11-3	Dimethyl phthalate	41.5	ug/L		0.341	11.0	1
84-74-2	Di-n-butyl phthalate	50.8	ug/L		0.242	11.0	1
117-84-0	Di-n-octyl phthalate	47.1	ug/L		2.07	11.0	1
122-39-4	Diphenylamine	45.0	ug/L		0.692	11.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	910 mL / 1.0 mL	Lab Sample ID:	P806275-MS1
% Solids:	NA	Date Collected:	06/09/08 07:30
Analytical Methdod:	8270C	Date Analyzed:	06/19/08 22:02
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806275	Date Prepared:	06/16/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
206-44-0	Fluoranthene	48.1	ug/L		0.242	11.0	1
86-73-7	Fluorene	46.3	ug/L		0.462	11.0	1
118-74-1	Hexachlorobenzene	41.8	ug/L		0.143	11.0	1
87-68-3	Hexachlorobutadiene	28.6	ug/L		1.04	11.0	1
77-47-4	Hexachlorocyclopentadiene	26.9	ug/L		0.352	11.0	1
67-72-1	Hexachloroethane	33.7	ug/L		0.341	11.0	1
193-39-5	Indeno (1,2,3-cd) pyrene	43.7	ug/L		1.71	11.0	1
78-59-1	Isophorone	48.8	ug/L		0.132	11.0	1
91-20-3	Naphthalene	69.4	ug/L		0.264	11.0	1
98-95-3	Nitrobenzene	60.6	ug/L		0.363	11.0	1
62-75-9	N-Nitrosodimethylamine	27.0	ug/L		0.396	11.0	1
621-64-7	N-Nitrosodi-n-propylamine	46.5	ug/L		0.396	11.0	1
86-30-6	N-Nitrosodiphenylamine	45.2	ug/L		0.154	11.0	1
87-86-5	Pentachlorophenol	47.4	ug/L		0.330	11.0	1
85-01-8	Phenanthrene	48.8	ug/L		0.264	11.0	1
108-95-2	Phenol	24.2	ug/L		0.132	11.0	1
129-00-0	Pyrene	47.1	ug/L		0.440	11.0	1
34MP	3 & 4 Methylphenol	75.6	ug/L		4.40	22.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806275-MS2
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8270C	Date Analyzed:	06/18/08 18:31
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806275	Date Prepared:	06/16/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene	38.7	ug/L		0.250	10.0	1
95-50-1	1,2-Dichlorobenzene	36.4	ug/L		0.230	10.0	1
541-73-1	1,3-Dichlorobenzene	36.2	ug/L		0.360	10.0	1
106-46-7	1,4-Dichlorobenzene	36.3	ug/L		0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol	41.6	ug/L		0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol	41.0	ug/L		0.670	10.0	1
120-83-2	2,4-Dichlorophenol	43.0	ug/L		0.360	10.0	1
105-67-9	2,4-Dimethylphenol	42.4	ug/L		0.230	10.0	1
51-28-5	2,4-Dinitrophenol	40.9	ug/L		1.59	10.0	1
121-14-2	2,4-Dinitrotoluene	42.4	ug/L		0.350	10.0	1
606-20-2	2,6-Dinitrotoluene	42.4	ug/L		0.240	10.0	1
91-58-7	2-Chloronaphthalene	41.0	ug/L		0.160	10.0	1
95-57-8	2-Chlorophenol	41.6	ug/L		0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol	42.3	ug/L		0.950	10.0	1
91-57-6	2-Methylnaphthalene	43.0	ug/L		2.62	10.0	1
95-48-7	2-Methylphenol	39.8	ug/L		0.310	10.0	1
88-74-4	2-Nitroaniline	42.8	ug/L		0.430	10.0	1
88-75-5	2-Nitrophenol	43.0	ug/L		0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine	43.8	ug/L		1.46	10.0	1
99-09-2	3-Nitroaniline	46.8	ug/L		0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether	43.7	ug/L		0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol	42.6	ug/L		0.250	10.0	1
106-47-8	4-Chloroaniline	12.0	ug/L		0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether	42.0	ug/L		0.470	10.0	1
100-01-6	4-Nitroaniline	42.0	ug/L		3.53	10.0	1
100-02-7	4-Nitrophenol	29.8	ug/L		0.810	10.0	1
83-32-9	Acenaphthene	42.4	ug/L		0.180	10.0	1
208-96-8	Acenaphthylene	42.3	ug/L		0.120	10.0	1
120-12-7	Anthracene	44.7	ug/L		0.220	10.0	1
56-55-3	Benzo(a)anthracene	44.3	ug/L		0.090	10.0	1
50-32-8	Benzo(a)pyrene	43.1	ug/L		0.120	10.0	1
205-99-2	Benzo(b)fluoranthene	41.1	ug/L		0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene	42.2	ug/L		0.440	10.0	1
207-08-9	Benzo(k)fluoranthene	44.5	ug/L		0.860	10.0	1
65-85-0	Benzoic acid	23.6	ug/L		2.35	10.0	1
100-51-6	Benzyl alcohol	37.2	ug/L		0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane	43.4	ug/L		0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether	39.3	ug/L		0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether	42.7	ug/L		0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate	43.0	ug/L	B	0.590	10.0	1
85-68-7	Butyl benzyl phthalate	42.9	ug/L		0.410	10.0	1
86-74-8	Carbazole	44.0	ug/L		0.340	10.0	1
218-01-9	Chrysene	42.9	ug/L		0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene	41.8	ug/L		2.26	10.0	1
132-64-9	Dibenzofuran	42.5	ug/L		0.170	10.0	1
84-66-2	Diethyl phthalate	42.9	ug/L		0.410	10.0	1
131-11-3	Dimethyl phthalate	41.2	ug/L		0.310	10.0	1
84-74-2	Di-n-butyl phthalate	44.8	ug/L		0.220	10.0	1
117-84-0	Di-n-octyl phthalate	43.8	ug/L		1.88	10.0	1
122-39-4	Diphenylamine	43.5	ug/L		0.630	10.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806275-MS2
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8270C	Date Analyzed:	06/18/08 18:31
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806275	Date Prepared:	06/16/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
206-44-0	Fluoranthene	44.3	ug/L		0.220	10.0	1
86-73-7	Fluorene	43.6	ug/L		0.420	10.0	1
118-74-1	Hexachlorobenzene	42.1	ug/L		0.130	10.0	1
87-68-3	Hexachlorobutadiene	37.1	ug/L		0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene	28.1	ug/L		0.320	10.0	1
67-72-1	Hexachloroethane	35.5	ug/L		0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene	42.5	ug/L		1.56	10.0	1
78-59-1	Isophorone	46.5	ug/L		0.120	10.0	1
91-20-3	Naphthalene	42.4	ug/L		0.240	10.0	1
98-95-3	Nitrobenzene	44.1	ug/L		0.330	10.0	1
62-75-9	N-Nitrosodimethylamine	30.1	ug/L		0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine	42.0	ug/L		0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine	44.1	ug/L		0.140	10.0	1
87-86-5	Pentachlorophenol	43.7	ug/L		0.300	10.0	1
85-01-8	Phenanthrene	44.0	ug/L		0.240	10.0	1
108-95-2	Phenol	28.4	ug/L		0.120	10.0	1
129-00-0	Pyrene	44.3	ug/L		0.400	10.0	1
34MP	3 & 4 Methylphenol	73.7	ug/L		4.00	20.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	930 mL / 1.0 mL	Lab Sample ID:	P806275-MSD1
% Solids:	NA	Date Collected:	06/09/08 07:30
Analytical Methdod:	8270C	Date Analyzed:	06/18/08 19:53
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806275	Date Prepared:	06/16/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene	35.8	ug/L		0.269	10.8	1
95-50-1	1,2-Dichlorobenzene	36.7	ug/L		0.247	10.8	1
541-73-1	1,3-Dichlorobenzene	35.3	ug/L		0.387	10.8	1
106-46-7	1,4-Dichlorobenzene	36.6	ug/L		0.215	10.8	1
95-95-4	2,4,5-Trichlorophenol	44.3	ug/L		0.925	10.8	1
88-06-2	2,4,6-Trichlorophenol	45.5	ug/L		0.720	10.8	1
120-83-2	2,4-Dichlorophenol	42.7	ug/L		0.387	10.8	1
105-67-9	2,4-Dimethylphenol	53.0	ug/L		0.247	10.8	1
51-28-5	2,4-Dinitrophenol	58.5	ug/L		1.71	10.8	1
121-14-2	2,4-Dinitrotoluene	44.9	ug/L		0.376	10.8	1
606-20-2	2,6-Dinitrotoluene	47.1	ug/L		0.258	10.8	1
91-58-7	2-Chloronaphthalene	45.3	ug/L		0.172	10.8	1
95-57-8	2-Chlorophenol	41.6	ug/L		0.129	10.8	1
534-52-1	2-Methyl-4,6-dinitrophenol	46.4	ug/L		1.02	10.8	1
91-57-6	2-Methylnaphthalene	69.0	ug/L		2.82	10.8	1
95-48-7	2-Methylphenol	39.5	ug/L		0.333	10.8	1
88-74-4	2-Nitroaniline	32.5	ug/L		0.462	10.8	1
88-75-5	2-Nitrophenol	58.3	ug/L		0.376	10.8	1
91-94-1	3,3'-Dichlorobenzidine	1.61	ug/L	J	1.57	10.8	1
99-09-2	3-Nitroaniline	19.5	ug/L		0.366	10.8	1
101-55-3	4-Bromophenyl phenyl ether	43.2	ug/L		0.387	10.8	1
59-50-7	4-Chloro-3-methylphenol	42.8	ug/L		0.269	10.8	1
106-47-8	4-Chloroaniline		ug/L	U	0.935	10.8	1
7005-72-3	4-Chlorophenyl phenyl ether	45.7	ug/L		0.505	10.8	1
100-01-6	4-Nitroaniline	13.6	ug/L		3.80	10.8	1
100-02-7	4-Nitrophenol	147	ug/L		0.871	10.8	1
83-32-9	Acenaphthene	48.9	ug/L		0.194	10.8	1
208-96-8	Acenaphthylene	47.0	ug/L		0.129	10.8	1
120-12-7	Anthracene	50.5	ug/L		0.237	10.8	1
56-55-3	Benzo(a)anthracene	47.2	ug/L		0.097	10.8	1
50-32-8	Benzo(a)pyrene	45.1	ug/L		0.129	10.8	1
205-99-2	Benzo(b)fluoranthene	47.5	ug/L		0.092	10.8	1
191-24-2	Benzo (g,h,i) perylene	44.9	ug/L		0.473	10.8	1
207-08-9	Benzo(k)fluoranthene	42.8	ug/L		0.925	10.8	1
65-85-0	Benzoic acid	30.0	ug/L		2.53	10.8	1
100-51-6	Benzyl alcohol	45.0	ug/L		0.559	10.8	1
111-91-1	Bis(2-chloroethoxy)methane	48.4	ug/L		0.226	10.8	1
111-44-4	Bis(2-chloroethyl)ether	43.0	ug/L		0.103	10.8	1
108-60-1	Bis(2-chloroisopropyl) ether	42.9	ug/L		0.473	10.8	1
117-81-7	Bis(2-ethylhexyl) phthalate	48.0	ug/L	B	0.634	10.8	1
85-68-7	Butyl benzyl phthalate	46.8	ug/L		0.441	10.8	1
86-74-8	Carbazole	60.5	ug/L		0.366	10.8	1
218-01-9	Chrysene	48.0	ug/L		0.430	10.8	1
53-70-3	Dibenz(a,h)anthracene	44.5	ug/L		2.43	10.8	1
132-64-9	Dibenzofuran	49.0	ug/L		0.183	10.8	1
84-66-2	Diethyl phthalate	47.0	ug/L		0.441	10.8	1
131-11-3	Dimethyl phthalate	48.0	ug/L		0.333	10.8	1
84-74-2	Di-n-butyl phthalate	51.0	ug/L		0.237	10.8	1
117-84-0	Di-n-octyl phthalate	47.7	ug/L		2.02	10.8	1
122-39-4	Diphenylamine	47.5	ug/L		0.677	10.8	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	930 mL / 1.0 mL	Lab Sample ID:	P806275-MSD1
% Solids:	NA	Date Collected:	06/09/08 07:30
Analytical Methdod:	8270C	Date Analyzed:	06/18/08 19:53
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806275	Date Prepared:	06/16/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
206-44-0	Fluoranthene	50.9	ug/L		0.237	10.8	1
86-73-7	Fluorene	50.2	ug/L		0.452	10.8	1
118-74-1	Hexachlorobenzene	42.2	ug/L		0.140	10.8	1
87-68-3	Hexachlorobutadiene	33.5	ug/L		1.02	10.8	1
77-47-4	Hexachlorocyclopentadiene	35.1	ug/L		0.344	10.8	1
67-72-1	Hexachloroethane	38.2	ug/L		0.333	10.8	1
193-39-5	Indeno (1,2,3-cd) pyrene	45.6	ug/L		1.68	10.8	1
78-59-1	Isophorone	49.9	ug/L		0.129	10.8	1
91-20-3	Naphthalene	81.3	ug/L		0.258	10.8	1
98-95-3	Nitrobenzene	67.3	ug/L		0.355	10.8	1
62-75-9	N-Nitrosodimethylamine	36.1	ug/L		0.387	10.8	1
621-64-7	N-Nitrosodi-n-propylamine	46.8	ug/L		0.387	10.8	1
86-30-6	N-Nitrosodiphenylamine	45.2	ug/L		0.151	10.8	1
87-86-5	Pentachlorophenol	48.9	ug/L		0.323	10.8	1
85-01-8	Phenanthrene	49.9	ug/L		0.258	10.8	1
108-95-2	Phenol	25.4	ug/L		0.129	10.8	1
129-00-0	Pyrene	48.2	ug/L		0.430	10.8	1
34MP	3 & 4 Methylphenol	75.4	ug/L		4.30	21.5	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806275-MSD2
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8270C	Date Analyzed:	06/18/08 18:58
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806275	Date Prepared:	06/16/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene	37.8	ug/L		0.250	10.0	1
95-50-1	1,2-Dichlorobenzene	36.8	ug/L		0.230	10.0	1
541-73-1	1,3-Dichlorobenzene	36.5	ug/L		0.360	10.0	1
106-46-7	1,4-Dichlorobenzene	36.9	ug/L		0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol	40.4	ug/L		0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol	39.9	ug/L		0.670	10.0	1
120-83-2	2,4-Dichlorophenol	41.0	ug/L		0.360	10.0	1
105-67-9	2,4-Dimethylphenol	39.2	ug/L		0.230	10.0	1
51-28-5	2,4-Dinitrophenol	37.3	ug/L		1.59	10.0	1
121-14-2	2,4-Dinitrotoluene	40.9	ug/L		0.350	10.0	1
606-20-2	2,6-Dinitrotoluene	40.4	ug/L		0.240	10.0	1
91-58-7	2-Chloronaphthalene	40.7	ug/L		0.160	10.0	1
95-57-8	2-Chlorophenol	40.1	ug/L		0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol	41.2	ug/L		0.950	10.0	1
91-57-6	2-Methylnaphthalene	41.0	ug/L		2.62	10.0	1
95-48-7	2-Methylphenol	37.5	ug/L		0.310	10.0	1
88-74-4	2-Nitroaniline	39.9	ug/L		0.430	10.0	1
88-75-5	2-Nitrophenol	41.4	ug/L		0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine	43.3	ug/L		1.46	10.0	1
99-09-2	3-Nitroaniline	45.4	ug/L		0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether	41.8	ug/L		0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol	40.3	ug/L		0.250	10.0	1
106-47-8	4-Chloroaniline	11.7	ug/L		0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether	41.3	ug/L		0.470	10.0	1
100-01-6	4-Nitroaniline	38.9	ug/L		3.53	10.0	1
100-02-7	4-Nitrophenol	27.6	ug/L		0.810	10.0	1
83-32-9	Acenaphthene	41.5	ug/L		0.180	10.0	1
208-96-8	Acenaphthylene	42.2	ug/L		0.120	10.0	1
120-12-7	Anthracene	44.9	ug/L		0.220	10.0	1
56-55-3	Benzo(a)anthracene	43.5	ug/L		0.090	10.0	1
50-32-8	Benzo(a)pyrene	42.2	ug/L		0.120	10.0	1
205-99-2	Benzo(b)fluoranthene	42.2	ug/L		0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene	42.4	ug/L		0.440	10.0	1
207-08-9	Benzo(k)fluoranthene	42.7	ug/L		0.860	10.0	1
65-85-0	Benzoic acid	18.9	ug/L		2.35	10.0	1
100-51-6	Benzyl alcohol	35.0	ug/L		0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane	41.4	ug/L		0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether	38.8	ug/L		0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether	40.8	ug/L		0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate	44.1	ug/L	B	0.590	10.0	1
85-68-7	Butyl benzyl phthalate	42.4	ug/L		0.410	10.0	1
86-74-8	Carbazole	44.3	ug/L		0.340	10.0	1
218-01-9	Chrysene	44.0	ug/L		0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene	41.8	ug/L		2.26	10.0	1
132-64-9	Dibenzofuran	43.2	ug/L		0.170	10.0	1
84-66-2	Diethyl phthalate	41.8	ug/L		0.410	10.0	1
131-11-3	Dimethyl phthalate	41.4	ug/L		0.310	10.0	1
84-74-2	Di-n-butyl phthalate	45.1	ug/L		0.220	10.0	1
117-84-0	Di-n-octyl phthalate	43.9	ug/L		1.88	10.0	1
122-39-4	Diphenylamine	41.5	ug/L		0.630	10.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806275-MSD2
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8270C	Date Analyzed:	06/18/08 18:58
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806275	Date Prepared:	06/16/08 08:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
206-44-0	Fluoranthene	44.2	ug/L		0.220	10.0	1
86-73-7	Fluorene	42.3	ug/L		0.420	10.0	1
118-74-1	Hexachlorobenzene	41.5	ug/L		0.130	10.0	1
87-68-3	Hexachlorobutadiene	37.7	ug/L		0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene	24.3	ug/L		0.320	10.0	1
67-72-1	Hexachloroethane	35.3	ug/L		0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene	43.2	ug/L		1.56	10.0	1
78-59-1	Isophorone	44.0	ug/L		0.120	10.0	1
91-20-3	Naphthalene	42.6	ug/L		0.240	10.0	1
98-95-3	Nitrobenzene	42.1	ug/L		0.330	10.0	1
62-75-9	N-Nitrosodimethylamine	30.6	ug/L		0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine	39.8	ug/L		0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine	43.6	ug/L		0.140	10.0	1
87-86-5	Pentachlorophenol	41.3	ug/L		0.300	10.0	1
85-01-8	Phenanthrene	44.3	ug/L		0.240	10.0	1
108-95-2	Phenol	27.3	ug/L		0.120	10.0	1
129-00-0	Pyrene	44.8	ug/L		0.400	10.0	1
34MP	3 & 4 Methylphenol	71.6	ug/L		4.00	20.0	1

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806275

Fraction: SVOA Matrix: Water

Units: ug/L

Original Sample ***0806036-01*** ***Lab Sample ID for MS :*** ***P806275-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
1,2,4-Trichlorobenzene	0	54.9	33.3	60.6		35	105
1,2-Dichlorobenzene	0	54.9	32.3	58.8		35	100
1,3-Dichlorobenzene	0	54.9	31.4	57.2		30	100
1,4-Dichlorobenzene	0	54.9	32.3	58.8		30	100
2,4,5-Trichlorophenol	0	54.9	41.3	75.1		50	110
2,4,6-Trichlorophenol	0	54.9	42.0	76.5		50	115
2,4-Dichlorophenol	0	54.9	41.8	76.1		50	105
2,4-Dimethylphenol	16.9	54.9	51.4	62.7		30	110
2,4-Dinitrophenol	0	54.9	56.7	103		15	140
2,4-Dinitrotoluene	0	54.9	47.2	85.9		50	120
2,6-Dinitrotoluene	0	54.9	44.7	81.3		50	115
2-Chloronaphthalene	0	54.9	37.4	68.0		50	105
2-Chlorophenol	0	54.9	39.2	71.4		35	105
2-Methyl-4,6-dinitrophenol	0	54.9	46.9	85.4		45	135
2-Methylnaphthalene	28.2	54.9	67.7	71.9		45	105
2-Methylphenol	0	54.9	39.0	70.9		40	110
2-Nitroaniline	0	54.9	33.3	60.6		50	115
2-Nitrophenol	0	54.9	53.5	97.3		40	115
3,3'-Dichlorobenzidine	0	54.9	ND		ME*	20	110
3-Nitroaniline	0	54.9	15.5	28.2		20	125
4-Bromophenyl phenyl ether	0	54.9	43.8	79.6		50	115
4-Chloro-3-methylphenol	0	54.9	45.2	82.3		45	110
4-Chloroaniline	0	54.9	5.16	9.40	ME*	15	110
4-Chlorophenyl phenyl ether	0	54.9	42.8	77.9		50	110
4-Nitroaniline	0	54.9	12.2	22.3	ME	35	120
4-Nitrophenol	0	54.9	140	254	ME*	45	135
Acenaphthene	2.14	54.9	43.7	75.6		45	110
Acenaphthylene	0	54.9	41.0	74.7		50	105
Anthracene	0	54.9	48.4	88.0		55	110
Benzo(a)anthracene	0	54.9	45.4	82.6		55	110
Benzo(a)pyrene	0	54.9	44.3	80.6		55	110
Benzo(b)fluoranthene	0	54.9	43.7	79.5		45	120
Benzo (g,h,i) perylene	0	54.9	44.4	80.7		40	125
Benzo(k)fluoranthene	0	54.9	45.7	83.1		45	125
Benzoic acid	0	54.9	36.4	66.3		20	145
Benzyl alcohol	4.37	54.9	45.3	74.5		45	135
Bis(2-chloroethoxy)methane	0	54.9	47.3	86.0		45	105
Bis(2-chloroethyl)ether	0	54.9	41.7	75.8		35	110
Bis(2-chloroisopropyl) ether	0	54.9	47.5	86.4		25	130
Bis(2-ethylhexyl) phthalate	1.30	54.9	47.4	83.9		40	125
Butyl benzyl phthalate	0	54.9	46.0	83.7		45	115
Carbazole	13.7	54.9	59.3	83.1		50	115
Chrysene	0	54.9	46.0	83.7		55	110
Dibenz(a,h)anthracene	0	54.9	43.7	79.6		40	125
Dibenzofuran	1.86	54.9	44.5	77.6		55	105
Diethyl phthalate	0	54.9	44.8	81.6		40	120
Dimethyl phthalate	0	54.9	41.5	75.4		25	125
Di-n-butyl phthalate	0	54.9	50.8	92.5		55	115
Di-n-octyl phthalate	0	54.9	47.1	85.7		35	135
Diphenylamine	0	54.9	45.0	81.9		45	135
Fluoranthene	0	54.9	48.1	87.6		55	115
Fluorene	2.29	54.9	46.3	80.2		50	110
Hexachlorobenzene	0	54.9	41.8	76.0		50	110
Hexachlorobutadiene	0	54.9	28.6	52.1		25	105

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806275

Fraction: SVOA Matrix: Water

Units: ug/L

Original Sample ***0806036-01*** ***Lab Sample ID for MS :*** ***P806275-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Hexachlorocyclopentadiene	0	54.9	26.9	49.0		30	145
Hexachloroethane	0	54.9	33.7	61.4		30	95
Indeno (1,2,3-cd) pyrene	0	54.9	43.7	79.6		45	125
Isophorone	0	54.9	48.8	88.8		50	110
Naphthalene	34.0	54.9	69.4	64.4		40	100
Nitrobenzene	0	54.9	60.6	110		45	110
N-Nitrosodimethylamine	0	54.9	27.0	49.1		20	115
N-Nitrosodi-n-propylamine	0	54.9	46.5	84.6		35	130
N-Nitrosodiphenylamine	0	54.9	45.2	82.3		50	110
Pentachlorophenol	0	54.9	47.4	86.2		40	115
Phenanthrene	2.16	54.9	48.8	84.8		50	115
Phenol	4.86	54.9	24.2	35.2	ME	45	135
Pyrene	0	54.9	47.1	85.7		50	130
3 & 4 Methylphenol	0	110	75.6	68.8		30	110

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806275

Fraction: SVOA Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806275-MS2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
1,2,4-Trichlorobenzene	0	50.0	38.7	77.4		35	105
1,2-Dichlorobenzene	0	50.0	36.4	72.9		35	100
1,3-Dichlorobenzene	0	50.0	36.2	72.3		30	100
1,4-Dichlorobenzene	0	50.0	36.3	72.7		30	100
2,4,5-Trichlorophenol	0	50.0	41.6	83.3		50	110
2,4,6-Trichlorophenol	0	50.0	41.0	81.9		50	115
2,4-Dichlorophenol	0	50.0	43.0	86.0		50	105
2,4-Dimethylphenol	0	50.0	42.4	84.8		30	110
2,4-Dinitrophenol	0	50.0	40.9	81.8		15	140
2,4-Dinitrotoluene	0	50.0	42.4	84.9		50	120
2,6-Dinitrotoluene	0	50.0	42.4	84.9		50	115
2-Chloronaphthalene	0	50.0	41.0	81.9		50	105
2-Chlorophenol	0	50.0	41.6	83.2		35	105
2-Methyl-4,6-dinitrophenol	0	50.0	42.3	84.7		45	135
2-Methylnaphthalene	0	50.0	43.0	86.1		45	105
2-Methylphenol	0	50.0	39.8	79.6		40	110
2-Nitroaniline	0	50.0	42.8	85.6		50	115
2-Nitrophenol	0	50.0	43.0	86.1		40	115
3,3'-Dichlorobenzidine	0	50.0	43.8	87.5		20	110
3-Nitroaniline	0	50.0	46.8	93.6		20	125
4-Bromophenyl phenyl ether	0	50.0	43.7	87.4		50	115
4-Chloro-3-methylphenol	0	50.0	42.6	85.2		45	110
4-Chloroaniline	0	50.0	12.0	23.9		15	110
4-Chlorophenyl phenyl ether	0	50.0	42.0	83.9		50	110
4-Nitroaniline	0	50.0	42.0	84.1		35	120
4-Nitrophenol	0	50.0	29.8	59.6		45	135
Acenaphthene	0	50.0	42.4	84.8		45	110
Acenaphthylene	0	50.0	42.3	84.5		50	105
Anthracene	0	50.0	44.7	89.3		55	110
Benzo(a)anthracene	0	50.0	44.3	88.7		55	110
Benzo(a)pyrene	0	50.0	43.1	86.2		55	110
Benzo(b)fluoranthene	0	50.0	41.1	82.2		45	120
Benzo (g,h,i) perylene	0	50.0	42.2	84.4		40	125
Benzo(k)fluoranthene	0	50.0	44.5	89.1		45	125
Benzoic acid	0	50.0	23.6	47.2		20	145
Benzyl alcohol	0	50.0	37.2	74.5		45	135
Bis(2-chloroethoxy)methane	0	50.0	43.4	86.7		45	105
Bis(2-chloroethyl)ether	0	50.0	39.3	78.6		35	110
Bis(2-chloroisopropyl) ether	0	50.0	42.7	85.3		25	130
Bis(2-ethylhexyl) phthalate	0	50.0	43.0	85.9		40	125
Butyl benzyl phthalate	0	50.0	42.9	85.9		45	115
Carbazole	0	50.0	44.0	88.0		50	115
Chrysene	0	50.0	42.9	85.8		55	110
Dibenz(a,h)anthracene	0	50.0	41.8	83.5		40	125
Dibenzofuran	0	50.0	42.5	85.0		55	105
Diethyl phthalate	0	50.0	42.9	85.8		40	120
Dimethyl phthalate	0	50.0	41.2	82.4		25	125
Di-n-butyl phthalate	0	50.0	44.8	89.6		55	115
Di-n-octyl phthalate	0	50.0	43.8	87.6		35	135
Diphenylamine	0	50.0	43.5	87.1		45	135
Fluoranthene	0	50.0	44.3	88.6		55	115
Fluorene	0	50.0	43.6	87.1		50	110
Hexachlorobenzene	0	50.0	42.1	84.3		50	110
Hexachlorobutadiene	0	50.0	37.1	74.3		25	105

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806275

Fraction: SVOA Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806275-MS2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Hexachlorocyclopentadiene	0	50.0	28.1	56.2		30	145
Hexachloroethane	0	50.0	35.5	71.1		30	95
Indeno (1,2,3-cd) pyrene	0	50.0	42.5	85.0		45	125
Isophorone	0	50.0	46.5	92.9		50	110
Naphthalene	0	50.0	42.4	84.7		40	100
Nitrobenzene	0	50.0	44.1	88.3		45	110
N-Nitrosodimethylamine	0	50.0	30.1	60.2		20	115
N-Nitrosodi-n-propylamine	0	50.0	42.0	84.0		35	130
N-Nitrosodiphenylamine	0	50.0	44.1	88.2		50	110
Pentachlorophenol	0	50.0	43.7	87.4		40	115
Phenanthrene	0	50.0	44.0	88.0		50	115
Phenol	0	50.0	28.4	56.9		45	135
Pyrene	0	50.0	44.3	88.6		50	130
3 & 4 Methylphenol	0	100	73.7	73.7		30	110

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806275

Fraction: SVOA Matrix: Water

Units: ug/L

Original Sample ***0806036-01*** ***Lab Sample ID for MSD*** ***P806275-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
1,2,4-Trichlorobenzene	0	53.8	35.8	66.6		9.41		35	105	50
1,2-Dichlorobenzene	0	53.8	36.7	68.3		14.9		35	100	50
1,3-Dichlorobenzene	0	53.8	35.3	65.6		13.6		30	100	50
1,4-Dichlorobenzene	0	53.8	36.6	68.2		14.8		30	100	50
2,4,5-Trichlorophenol	0	53.8	44.3	82.4		9.27		50	110	50
2,4,6-Trichlorophenol	0	53.8	45.5	84.6		10.0		50	115	50
2,4-Dichlorophenol	0	53.8	42.7	79.5		4.32		50	105	50
2,4-Dimethylphenol	16.9	53.8	53.0	67.2		6.97		30	110	50
2,4-Dinitrophenol	0	53.8	58.5	109		5.39		15	140	50
2,4-Dinitrotoluene	0	53.8	44.9	83.6		2.69		50	120	50
2,6-Dinitrotoluene	0	53.8	47.1	87.6		7.41		50	115	50
2-Chloronaphthalene	0	53.8	45.3	84.3		21.3		50	105	50
2-Chlorophenol	0	53.8	41.6	77.4		8.01		35	105	50
2-Methyl-4,6-dinitrophenol	0	53.8	46.4	86.4		1.14		45	135	50
2-Methylnaphthalene	28.2	53.8	69.0	75.9		5.43		45	105	50
2-Methylphenol	0	53.8	39.5	73.4		3.47		40	110	50
2-Nitroaniline	0	53.8	32.5	60.4		0.430		50	115	50
2-Nitrophenol	0	53.8	58.3	108		10.9		40	115	50
3,3'-Dichlorobenzidine	0	53.8	1.61	3.00	ME*			20	110	50
3-Nitroaniline	0	53.8	19.5	36.2		25.0		20	125	50
4-Bromophenyl phenyl ether	0	53.8	43.2	80.3		0.825		50	115	50
4-Chloro-3-methylphenol	0	53.8	42.8	79.6		3.29		45	110	50
4-Chloroaniline	0	53.8	ND		ME*			15	110	50
4-Chlorophenyl phenyl ether	0	53.8	45.7	85.0		8.77		50	110	50
4-Nitroaniline	0	53.8	13.6	25.3	ME	12.6		35	120	50
4-Nitrophenol	0	53.8	147	273	ME*	7.30		45	135	50
Acenaphthene	2.14	53.8	48.9	86.9		13.9		45	110	50
Acenaphthylene	0	53.8	47.0	87.4		15.7		50	105	50
Anthracene	0	53.8	50.5	94.0		6.57		55	110	50
Benzo(a)anthracene	0	53.8	47.2	87.7		5.99		55	110	50
Benzo(a)pyrene	0	53.8	45.1	83.9		4.06		55	110	50
Benzo(b)fluoranthene	0	53.8	47.5	88.4		10.6		45	120	50
Benzo (g,h,i) perylene	0	53.8	44.9	83.5		3.38		40	125	50
Benzo(k)fluoranthene	0	53.8	42.8	79.7		4.25		45	125	50
Benzoic acid	0	53.8	30.0	55.9		17.0		20	145	50
Benzyl alcohol	4.37	53.8	45.0	75.6		1.42		45	135	50
Bis(2-chloroethoxy)methane	0	53.8	48.4	90.1		4.63		45	105	50
Bis(2-chloroethyl)ether	0	53.8	43.0	80.0		5.36		35	110	50
Bis(2-chloroisopropyl) ether	0	53.8	42.9	79.9		7.87		25	130	50
Bis(2-ethylhexyl) phthalate	1.30	53.8	48.0	86.9		3.57		40	125	50
Butyl benzyl phthalate	0	53.8	46.8	87.0		3.89		45	115	50
Carbazole	13.7	53.8	60.5	87.0		4.62		50	115	50
Chrysene	0	53.8	48.0	89.3		6.48		55	110	50
Dibenz(a,h)anthracene	0	53.8	44.5	82.7		3.77		40	125	50
Dibenzofuran	1.86	53.8	49.0	87.7		12.3		55	105	50
Diethyl phthalate	0	53.8	47.0	87.4		6.82		40	120	50
Dimethyl phthalate	0	53.8	48.0	89.2		16.8		25	125	50
Di-n-butyl phthalate	0	53.8	51.0	94.8		2.41		55	115	50
Di-n-octyl phthalate	0	53.8	47.7	88.8		3.53		35	135	50
Diphenylamine	0	53.8	47.5	88.3		7.52		45	135	50
Fluoranthene	0	53.8	50.9	94.6		7.70		55	115	50
Fluorene	2.29	53.8	50.2	89.1		10.6		50	110	50
Hexachlorobenzene	0	53.8	42.2	78.5		3.26		50	110	50
Hexachlorobutadiene	0	53.8	33.5	62.2		17.6		25	105	50

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806275

Fraction: SVOA Matrix: Water

Units: ug/L

Original Sample ***0806036-01*** ***Lab Sample ID for MSD*** ***P806275-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Hexachlorocyclopentadiene	0	53.8	35.1	65.3		28.5		30	145	50
Hexachloroethane	0	53.8	38.2	71.0		14.5		30	95	50
Indeno (1,2,3-cd) pyrene	0	53.8	45.6	84.8		6.42		45	125	50
Isophorone	0	53.8	49.9	92.7		4.34		50	110	50
Naphthalene	34.0	53.8	81.3	87.9		30.9		40	100	50
Nitrobenzene	0	53.8	67.3	125	ME*	12.6		45	110	50
N-Nitrosodimethylamine	0	53.8	36.1	67.1		31.1		20	115	50
N-Nitrosodi-n-propylamine	0	53.8	46.8	87.0		2.87		35	130	50
N-Nitrosodiphenylamine	0	53.8	45.2	84.1		2.14		50	110	50
Pentachlorophenol	0	53.8	48.9	91.0		5.40		40	115	50
Phenanthrene	2.16	53.8	49.9	88.7		4.46		50	115	50
Phenol	4.86	53.8	25.4	38.1	ME	8.04		45	135	50
Pyrene	0	53.8	48.2	89.6		4.43		50	130	50
3 & 4 Methylphenol	0	108	75.4	70.1		1.89		30	110	50

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806275

Fraction: SVOA Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806275-MSD2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
1,2,4-Trichlorobenzene	0	50.0	37.8	75.6		2.46		35	105	50
1,2-Dichlorobenzene	0	50.0	36.8	73.7		1.12		35	100	50
1,3-Dichlorobenzene	0	50.0	36.5	73.0		0.853		30	100	50
1,4-Dichlorobenzene	0	50.0	36.9	73.7		1.42		30	100	50
2,4,5-Trichlorophenol	0	50.0	40.4	80.9		2.95		50	110	50
2,4,6-Trichlorophenol	0	50.0	39.9	79.8		2.57		50	115	50
2,4-Dichlorophenol	0	50.0	41.0	81.9		4.86		50	105	50
2,4-Dimethylphenol	0	50.0	39.2	78.3		7.95		30	110	50
2,4-Dinitrophenol	0	50.0	37.3	74.6		9.10		15	140	50
2,4-Dinitrotoluene	0	50.0	40.9	81.8		3.65		50	120	50
2,6-Dinitrotoluene	0	50.0	40.4	80.9		4.85		50	115	50
2-Chloronaphthalene	0	50.0	40.7	81.3		0.735		50	105	50
2-Chlorophenol	0	50.0	40.1	80.2		3.67		35	105	50
2-Methyl-4,6-dinitrophenol	0	50.0	41.2	82.4		2.68		45	135	50
2-Methylnaphthalene	0	50.0	41.0	82.1		4.80		45	105	50
2-Methylphenol	0	50.0	37.5	74.9		6.06		40	110	50
2-Nitroaniline	0	50.0	39.9	79.9		6.87		50	115	50
2-Nitrophenol	0	50.0	41.4	82.9		3.76		40	115	50
3,3'-Dichlorobenzidine	0	50.0	43.3	86.7		0.965		20	110	50
3-Nitroaniline	0	50.0	45.4	90.9		2.91		20	125	50
4-Bromophenyl phenyl ether	0	50.0	41.8	83.6		4.37		50	115	50
4-Chloro-3-methylphenol	0	50.0	40.3	80.6		5.55		45	110	50
4-Chloroaniline	0	50.0	11.7	23.5		1.86		15	110	50
4-Chlorophenyl phenyl ether	0	50.0	41.3	82.5		1.71		50	110	50
4-Nitroaniline	0	50.0	38.9	77.8		7.76		35	120	50
4-Nitrophenol	0	50.0	27.6	55.1		7.84		45	135	50
Acenaphthene	0	50.0	41.5	83.1		2.05		45	110	50
Acenaphthylene	0	50.0	42.2	84.4		0.166		50	105	50
Anthracene	0	50.0	44.9	89.7		0.424		55	110	50
Benzo(a)anthracene	0	50.0	43.5	87.0		1.94		55	110	50
Benzo(a)pyrene	0	50.0	42.2	84.4		2.16		55	110	50
Benzo(b)fluoranthene	0	50.0	42.2	84.5		2.78		45	120	50
Benzo (g,h,i) perylene	0	50.0	42.4	84.7		0.355		40	125	50
Benzo(k)fluoranthene	0	50.0	42.7	85.3		4.29		45	125	50
Benzoic acid	0	50.0	18.9	37.7		22.3		20	145	50
Benzyl alcohol	0	50.0	35.0	69.9		6.29		45	135	50
Bis(2-chloroethoxy)methane	0	50.0	41.4	82.8		4.65		45	105	50
Bis(2-chloroethyl)ether	0	50.0	38.8	77.6		1.20		35	110	50
Bis(2-chloroisopropyl) ether	0	50.0	40.8	81.6		4.53		25	130	50
Bis(2-ethylhexyl) phthalate	0	50.0	44.1	88.2		2.64		40	125	50
Butyl benzyl phthalate	0	50.0	42.4	84.8		1.31		45	115	50
Carbazole	0	50.0	44.3	88.5		0.657		50	115	50
Chrysene	0	50.0	44.0	88.1		2.65		55	110	50
Dibenz(a,h)anthracene	0	50.0	41.8	83.6		0.0718		40	125	50
Dibenzofuran	0	50.0	43.2	86.5		1.75		55	105	50
Diethyl phthalate	0	50.0	41.8	83.7		2.48		40	120	50
Dimethyl phthalate	0	50.0	41.4	82.9		0.605		25	125	50
Di-n-butyl phthalate	0	50.0	45.1	90.1		0.556		55	115	50
Di-n-octyl phthalate	0	50.0	43.9	87.8		0.205		35	135	50
Diphenylamine	0	50.0	41.5	83.0		4.77		45	135	50
Fluoranthene	0	50.0	44.2	88.4		0.249		55	115	50
Fluorene	0	50.0	42.3	84.7		2.86		50	110	50
Hexachlorobenzene	0	50.0	41.5	83.1		1.43		50	110	50
Hexachlorobutadiene	0	50.0	37.7	75.4		1.52		25	105	50

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806275

Fraction: SVOA Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806275-MSD2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Hexachlorocyclopentadiene	0	50.0	24.3	48.5		14.7		30	145	50
Hexachloroethane	0	50.0	35.3	70.5		0.734		30	95	50
Indeno (1,2,3-cd) pyrene	0	50.0	43.2	86.5		1.70		45	125	50
Isophorone	0	50.0	44.0	88.1		5.35		50	110	50
Naphthalene	0	50.0	42.6	85.3		0.659		40	100	50
Nitrobenzene	0	50.0	42.1	84.1		4.80		45	110	50
N-Nitrosodimethylamine	0	50.0	30.6	61.2		1.68		20	115	50
N-Nitrosodi-n-propylamine	0	50.0	39.8	79.5		5.41		35	130	50
N-Nitrosodiphenylamine	0	50.0	43.6	87.2		1.14		50	110	50
Pentachlorophenol	0	50.0	41.3	82.5		5.70		40	115	50
Phenanthrene	0	50.0	44.3	88.7		0.747		50	115	50
Phenol	0	50.0	27.3	54.5		4.20		45	135	50
Pyrene	0	50.0	44.8	89.7		1.28		50	130	50
3 & 4 Methylphenol	0	100	71.6	71.6		2.86		30	110	50

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806037

(Sample Delivery Group, SDG)

8260B

(Parameter)

P806170

(Analytical Batch)

Quality Control Association Form

Lab Name:	Analytical Management Laboratories, Inc.	**Fraction:**	VOA_GCMS
QC Batch:	P806170	**Method:**	8260B

Date Analyzed	Lab Sample ID	Original Sample	Sample Type	Project Number
6/10/08	0806037-01		SAMPLE	0806037
6/10/08	0806037-02		SAMPLE	0806037
6/10/08	0806037-03		SAMPLE	0806037
6/10/08	0806037-04		SAMPLE	0806037
6/10/08	0806037-05		SAMPLE	0806037
6/10/08	P806170-BLK1		Method Blank	0806037
6/10/08	P806170-BS1		LCS	0806037
6/10/08	P806170-BSD1		LCS Dup	0806037
6/10/08	P806170-MS1	0806036-01	Matrix Spike	0806037
6/10/08	P806170-MS2	0806037-02	Matrix Spike	0806037
6/10/08	P806170-MSD1	0806036-01	Matrix Spike Dup	0806037
6/10/08	P806170-MSD2	0806037-02	Matrix Spike Dup	0806037

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806170

SLMW-12AR-5-08 (0806037-01)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	87.5	85	115	
1,2-Dichloroethane-d4	82.2	70	120	
Toluene-d8	89.2	85	120	
4-Bromofluorobenzene	113	75	120	

SLMW-12BR-5-08 (0806037-02)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	87.8	85	115	
1,2-Dichloroethane-d4	82.7	70	120	
Toluene-d8	87.9	85	120	
4-Bromofluorobenzene	112	75	120	

SLMW-10-5-08 (0806037-03)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	87.9	85	115	
1,2-Dichloroethane-d4	82.6	70	120	
Toluene-d8	87.2	85	120	
4-Bromofluorobenzene	116	75	120	

SLMW-6-5-08 (0806037-04)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	88.9	85	115	
1,2-Dichloroethane-d4	83.8	70	120	
Toluene-d8	87.4	85	120	
4-Bromofluorobenzene	115	75	120	

Trip Blank (0806037-05)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
Dibromofluoromethane	87.8	85	115	
1,2-Dichloroethane-d4	84.1	70	120	
Toluene-d8	89.5	85	120	
4-Bromofluorobenzene	116	75	120	

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806170

Blank (P806170-BLK1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	89.8	85	115	
1,2-Dichloroethane-d4	88.9	70	120	
Toluene-d8	88.7	85	120	
4-Bromofluorobenzene	116	75	120	

LCS (P806170-BS1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	90.9	85	115	
1,2-Dichloroethane-d4	91.0	70	120	
Toluene-d8	91.6	85	120	
4-Bromofluorobenzene	120	75	120	

LCS Dup (P806170-BSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	90.1	85	115	
1,2-Dichloroethane-d4	88.6	70	120	
Toluene-d8	90.3	85	120	
4-Bromofluorobenzene	116	75	120	

Matrix Spike (P806170-MS1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	89.6	85	115	
1,2-Dichloroethane-d4	87.2	70	120	
Toluene-d8	87.5	85	120	
4-Bromofluorobenzene	118	75	120	

Matrix Spike (P806170-MS2)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	87.5	85	115	
1,2-Dichloroethane-d4	83.6	70	120	
Toluene-d8	89.6	85	120	
4-Bromofluorobenzene	118	75	120	

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806170

Matrix Spike Dup (P806170-MSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	89.6	85	115	
1,2-Dichloroethane-d4	85.6	70	120	
Toluene-d8	89.7	85	120	
4-Bromofluorobenzene	119	75	120	

Matrix Spike Dup (P806170-MSD2)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	87.7	85	115	
1,2-Dichloroethane-d4	82.9	70	120	
Toluene-d8	89.2	85	120	
4-Bromofluorobenzene	118	75	120	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 13:53
Preparation:	EPA 5030B	Date Received:	
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	Q2, U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 13:53
Preparation:	EPA 5030B	Date Received:	
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 12:17
Preparation:	EPA 5030B	Date Received:	
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	24.7	ug/L		0.200	2.00	1
74-87-3	Chloromethane	29.3	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	25.0	ug/L		0.200	2.00	1
74-83-9	Bromomethane	20.6	ug/L	Q2	0.200	2.00	1
75-00-3	Chloroethane	26.3	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	27.9	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	28.0	ug/L		0.200	2.00	1
107-02-8	Acrolein	145	ug/L		1.00	10.0	1
67-64-1	Acetone	143	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	25.4	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	22.2	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	24.2	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	24.8	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	29.6	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	27.5	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	23.4	ug/L		0.200	2.00	1
78-93-3	2-Butanone	121	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	25.0	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	27.0	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	23.7	ug/L		0.200	2.00	1
67-66-3	Chloroform	24.8	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	25.9	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	26.2	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	28.0	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	26.9	ug/L		0.200	2.00	1
71-43-2	Benzene	24.1	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	25.0	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	22.9	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	24.3	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	26.0	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	26.0	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	128	ug/L		2.00	10.0	1
108-88-3	Toluene	24.2	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	27.0	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	23.6	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	24.1	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	22.0	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	126	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	26.9	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	24.1	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	22.5	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	25.5	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	22.9	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	47.9	ug/L		0.400	4.00	1
95-47-6	o-Xylene	23.0	ug/L		0.200	2.00	1
100-42-5	Styrene	23.3	ug/L		0.200	2.00	1
75-25-2	Bromoform	27.7	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	23.5	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	27.4	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	23.7	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 12:17
Preparation:	EPA 5030B	Date Received:	
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	23.1	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	24.2	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	24.6	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	25.8	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	23.4	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	23.5	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	23.2	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	25.4	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.7	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.7	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	23.1	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	24.8	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	25.1	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	26.0	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	24.8	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	25.1	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	24.2	ug/L		0.200	2.00	1
91-20-3	Naphthalene	25.3	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 12:49
Preparation:	EPA 5030B	Date Received:	
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	22.4	ug/L		0.200	2.00	1
74-87-3	Chloromethane	26.7	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	18.5	ug/L		0.200	2.00	1
74-83-9	Bromomethane	21.9	ug/L	Q2	0.200	2.00	1
75-00-3	Chloroethane	24.4	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	25.6	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	26.1	ug/L		0.200	2.00	1
107-02-8	Acrolein	145	ug/L		1.00	10.0	1
67-64-1	Acetone	144	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	23.6	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	20.6	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	23.1	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	23.8	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	28.9	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	26.8	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	22.2	ug/L		0.200	2.00	1
78-93-3	2-Butanone	121	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	24.1	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	25.1	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	23.6	ug/L		0.200	2.00	1
67-66-3	Chloroform	24.0	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	24.2	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	24.3	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	25.8	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	26.4	ug/L		0.200	2.00	1
71-43-2	Benzene	23.2	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	23.6	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	22.4	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	24.6	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	25.1	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	25.4	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	129	ug/L		2.00	10.0	1
108-88-3	Toluene	23.5	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	26.4	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	23.3	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	23.7	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	20.8	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	123	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	26.0	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	23.5	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	22.4	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	25.1	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	21.7	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	48.2	ug/L		0.400	4.00	1
95-47-6	o-Xylene	21.8	ug/L		0.200	2.00	1
100-42-5	Styrene	22.6	ug/L		0.200	2.00	1
75-25-2	Bromoform	27.2	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	22.0	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	26.6	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	23.7	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 12:49
Preparation:	EPA 5030B	Date Received:	
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	22.8	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	23.3	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	23.8	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	24.1	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	22.8	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	22.9	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	22.6	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	24.5	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.2	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.7	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	23.0	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	23.8	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	24.1	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	25.1	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	24.8	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	25.3	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	23.4	ug/L		0.200	2.00	1
91-20-3	Naphthalene	26.0	ug/L		0.400	2.00	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806170-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Dichlorodifluoromethane	25.0	24.7	98.9		30	155
Chloromethane	25.0	29.3	117		40	125
Vinyl chloride	25.0	25.0	99.8		50	145
Bromomethane	25.0	20.6	82.5		30	145
Chloroethane	25.0	26.3	105		60	135
Trichlorofluoromethane	25.0	27.9	112		60	145
1,1-Dichloroethene	25.0	28.0	112		70	130
Acrolein	125	145	116		54	142
Acetone	125	143	114		40	140
Acrylonitrile	25.0	25.4	101		71	129
Carbon disulfide	25.0	22.2	88.9		35	160
Methylene Chloride	25.0	24.2	96.7		55	140
trans-1,2-Dichloroethene	25.0	24.8	99.4		60	140
Vinyl acetate	25.0	29.6	119		72	121
Methyl tert-Butyl Ether	25.0	27.5	110		65	125
1,1-Dichloroethane	25.0	23.4	93.7		70	135
2-Butanone	125	121	96.4		30	150
cis-1,2-Dichloroethene	25.0	25.0	99.8		70	125
2,2-Dichloropropane	25.0	27.0	108		70	135
Bromochloromethane	25.0	23.7	94.8		65	130
Chloroform	25.0	24.8	99.2		65	135
1,1,1-Trichloroethane	25.0	25.9	104		65	130
1,1-Dichloropropene	25.0	26.2	105		75	130
Carbon Tetrachloride	25.0	28.0	112		65	140
1,2-Dichloroethane	25.0	26.9	108		70	130
Benzene	25.0	24.1	96.2		80	120
Trichloroethene	25.0	25.0	100		70	125
1,2-Dichloropropane	25.0	22.9	91.5		75	125
Dibromomethane	25.0	24.3	97.3		75	125
Bromodichloromethane	25.0	26.0	104		75	120
cis-1,3-Dichloropropene	25.0	26.0	104		70	130
4-Methyl-2-pentanone	125	128	103		60	135
Toluene	25.0	24.2	96.9		75	120
trans-1,3-Dichloropropene	25.0	27.0	108		55	140
1,1,2-Trichloroethane	25.0	23.6	94.4		75	125
1,3-Dichloropropane	25.0	24.1	96.2		75	125
Tetrachloroethene	25.0	22.0	88.0		45	150
2-Hexanone	125	126	101		55	130
Dibromochloromethane	25.0	26.9	108		60	135
1,2-Dibromoethane	25.0	24.1	96.4		80	120
Chlorobenzene	25.0	22.5	89.9		80	120
1,1,1,2-Tetrachloroethane	25.0	25.5	102		80	130
Ethylbenzene	25.0	22.9	91.5		75	125
m-Xylene/p-Xylene	50.0	47.9	95.7		75	130
o-Xylene	25.0	23.0	92.1		80	120
Styrene	25.0	23.3	93.3		65	135
Bromoform	25.0	27.7	111		70	130
Isopropylbenzene	25.0	23.5	94.0		75	125
1,2,3-Trichloropropane	25.0	27.4	109		75	125
1,1,2,2-Tetrachloroethane	25.0	23.7	94.7		65	130
Bromobenzene	25.0	23.1	92.2		75	125
n-Propylbenzene	25.0	24.2	97.0		70	130
2-Chlorotoluene	25.0	24.6	98.4		75	125
4-Chlorotoluene	25.0	25.8	103		75	130

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806170-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
1,3,5-Trimethylbenzene	25.0	23.4	93.8		75	130
tert-Butylbenzene	25.0	23.5	94.0		70	130
1,2,4-Trimethylbenzene	25.0	23.2	93.0		75	130
sec-Butylbenzene	25.0	25.4	102		70	125
1,3-Dichlorobenzene	25.0	22.7	90.7		75	125
1,4-Dichlorobenzene	25.0	22.7	90.7		75	125
1,2-Dichlorobenzene	25.0	23.1	92.2		70	120
4-Isopropyltoluene	25.0	24.8	99.4		75	130
n-Butylbenzene	25.0	25.1	100		70	135
1,2-Dibromo-3-chloropropane	25.0	26.0	104		50	130
1,2,4-Trichlorobenzene	25.0	24.8	99.2		65	135
1,2,3-Trichlorobenzene	25.0	25.1	100		55	140
Hexachlorobutadiene	25.0	24.2	96.8		50	140
Naphthalene	25.0	25.3	101		55	140

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806170-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Dichlorodifluoromethane	25.0	22.4	89.4		30	155	10.1
Chloromethane	25.0	26.7	107		40	125	9.36
Vinyl chloride	25.0	18.5	73.8		50	145	29.9
Bromomethane	25.0	21.9	87.4		30	145	5.84
Chloroethane	25.0	24.4	97.6		60	135	7.42
Trichlorofluoromethane	25.0	25.6	103		60	145	8.62
1,1-Dichloroethene	25.0	26.1	104		70	130	6.91
Acrolein	125	145	116		54	142	0.0828
Acetone	125	144	115		40	140	0.580
Acrylonitrile	25.0	23.6	94.4		71	129	7.23
Carbon disulfide	25.0	20.6	82.5		35	160	7.47
Methylene Chloride	25.0	23.1	92.6		55	140	4.35
trans-1,2-Dichloroethene	25.0	23.8	95.3		60	140	4.19
Vinyl acetate	25.0	28.9	116		72	121	2.63
Methyl tert-Butyl Ether	25.0	26.8	107		65	125	2.46
1,1-Dichloroethane	25.0	22.2	89.0		70	135	5.17
2-Butanone	125	121	96.9		30	150	0.546
cis-1,2-Dichloroethene	25.0	24.1	96.4		70	125	3.46
2,2-Dichloropropane	25.0	25.1	101		70	135	6.99
Bromochloromethane	25.0	23.6	94.4		65	130	0.381
Chloroform	25.0	24.0	96.1		65	135	3.19
1,1,1-Trichloroethane	25.0	24.2	97.0		65	130	6.58
1,1-Dichloropropene	25.0	24.3	97.2		75	130	7.29
Carbon Tetrachloride	25.0	25.8	103		65	140	8.40
1,2-Dichloroethane	25.0	26.4	105		70	130	2.10
Benzene	25.0	23.2	92.6		80	120	3.81
Trichloroethene	25.0	23.6	94.6		70	125	5.59
1,2-Dichloropropane	25.0	22.4	89.5		75	125	2.25
Dibromomethane	25.0	24.6	98.4		75	125	1.06
Bromodichloromethane	25.0	25.1	101		75	120	3.25
cis-1,3-Dichloropropene	25.0	25.4	102		70	130	2.34
4-Methyl-2-pentanone	125	129	103		60	135	0.335
Toluene	25.0	23.5	94.0		75	120	3.10
trans-1,3-Dichloropropene	25.0	26.4	105		55	140	2.36
1,1,2-Trichloroethane	25.0	23.3	93.0		75	125	1.41
1,3-Dichloropropane	25.0	23.7	94.8		75	125	1.51
Tetrachloroethene	25.0	20.8	83.2		45	150	5.70
2-Hexanone	125	123	98.4		55	130	2.80
Dibromochloromethane	25.0	26.0	104		60	135	3.21
1,2-Dibromoethane	25.0	23.5	94.2		80	120	2.31
Chlorobenzene	25.0	22.4	89.6		80	120	0.267
1,1,1,2-Tetrachloroethane	25.0	25.1	100		80	130	1.78
Ethylbenzene	25.0	21.7	86.7		75	125	5.43
m-Xylene/p-Xylene	50.0	48.2	96.3		75	130	0.604
o-Xylene	25.0	21.8	87.0		80	120	5.72
Styrene	25.0	22.6	90.4		65	135	3.18
Bromoform	25.0	27.2	109		70	130	1.82
Isopropylbenzene	25.0	22.0	88.0		75	125	6.64
1,2,3-Trichloropropane	25.0	26.6	106		75	125	2.97
1,1,2,2-Tetrachloroethane	25.0	23.7	94.8		65	130	0.0844
Bromobenzene	25.0	22.8	91.2		75	125	1.09
n-Propylbenzene	25.0	23.3	93.3		70	130	3.91
2-Chlorotoluene	25.0	23.8	95.1		75	125	3.39
4-Chlorotoluene	25.0	24.1	96.3		75	130	6.90

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806170-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
1,3,5-Trimethylbenzene	25.0	22.8	91.2		75	130	2.72
tert-Butylbenzene	25.0	22.9	91.6		70	130	2.54
1,2,4-Trimethylbenzene	25.0	22.6	90.3		75	130	2.93
sec-Butylbenzene	25.0	24.5	98.0		70	125	3.77
1,3-Dichlorobenzene	25.0	22.2	89.0		75	125	1.91
1,4-Dichlorobenzene	25.0	22.7	90.8		75	125	0.132
1,2-Dichlorobenzene	25.0	23.0	91.8		70	120	0.435
4-Isopropyltoluene	25.0	23.8	95.1		75	130	4.40
n-Butylbenzene	25.0	24.1	96.2		70	135	4.11
1,2-Dibromo-3-chloropropane	25.0	25.1	100		50	130	3.61
1,2,4-Trichlorobenzene	25.0	24.8	99.3		65	135	0.161
1,2,3-Trichlorobenzene	25.0	25.3	101		55	140	0.872
Hexachlorobutadiene	25.0	23.4	93.5		50	140	3.53
Naphthalene	25.0	26.0	104		55	140	2.65

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MS1
% Solids:	NA	Date Collected:	06/09/08 07:30
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 17:29
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	22.8	ug/L		0.200	2.00	1
74-87-3	Chloromethane	25.8	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	23.2	ug/L		0.200	2.00	1
74-83-9	Bromomethane	15.2	ug/L	Q2	0.200	2.00	1
75-00-3	Chloroethane	20.6	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	26.5	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	28.9	ug/L		0.200	2.00	1
107-02-8	Acrolein	136	ug/L		1.00	10.0	1
67-64-1	Acetone	11.1	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	25.2	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	18.9	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	19.1	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	24.7	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	28.9	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	28.4	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	24.0	ug/L		0.200	2.00	1
78-93-3	2-Butanone	118	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	37.6	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	26.0	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	23.4	ug/L		0.200	2.00	1
67-66-3	Chloroform	24.7	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	29.9	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	25.9	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	26.7	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	35.0	ug/L		0.200	2.00	1
71-43-2	Benzene	440	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	163	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	22.5	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	24.3	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	24.6	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	25.3	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	153	ug/L		2.00	10.0	1
108-88-3	Toluene	378	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	26.9	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	23.9	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	23.7	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	21.3	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	148	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	25.0	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	25.9	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	22.8	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	23.9	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	319	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	535	ug/L		0.400	4.00	1
95-47-6	o-Xylene	364	ug/L		0.200	2.00	1
100-42-5	Styrene	29.2	ug/L		0.200	2.00	1
75-25-2	Bromoform	24.9	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	67.2	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	25.9	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	23.6	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MS1
% Solids:	NA	Date Collected:	06/09/08 07:30
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 17:29
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	22.5	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	64.5	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	46.3	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	34.9	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	102	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	24.1	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	191	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	45.3	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.4	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.0	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	22.4	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	34.1	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	30.5	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	26.9	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	23.8	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	24.1	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	22.7	ug/L		0.200	2.00	1
91-20-3	Naphthalene	136	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MS2
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 21:49
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	22.0	ug/L		0.200	2.00	1
74-87-3	Chloromethane	29.7	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	24.1	ug/L		0.200	2.00	1
74-83-9	Bromomethane	8.09	ug/L	Q2	0.200	2.00	1
75-00-3	Chloroethane	25.0	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	24.9	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	26.2	ug/L		0.200	2.00	1
107-02-8	Acrolein	131	ug/L		1.00	10.0	1
67-64-1	Acetone	138	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	23.9	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	21.8	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	24.3	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	25.3	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	26.8	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	26.4	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	22.8	ug/L		0.200	2.00	1
78-93-3	2-Butanone	125	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	25.2	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	22.1	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	23.7	ug/L		0.200	2.00	1
67-66-3	Chloroform	24.0	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	24.0	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	24.8	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	25.2	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	25.4	ug/L		0.200	2.00	1
71-43-2	Benzene	25.9	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	24.5	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	22.7	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	23.7	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	24.7	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	24.4	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	123	ug/L		2.00	10.0	1
108-88-3	Toluene	24.9	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	25.4	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	22.9	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	22.7	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	20.2	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	114	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	24.5	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	23.0	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	21.8	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.1	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	22.1	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	46.9	ug/L		0.400	4.00	1
95-47-6	o-Xylene	22.5	ug/L		0.200	2.00	1
100-42-5	Styrene	22.7	ug/L		0.200	2.00	1
75-25-2	Bromoform	24.9	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	22.5	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	24.8	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	22.4	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MS2
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 21:49
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	22.2	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	22.9	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	23.4	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	23.4	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	22.1	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	22.5	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	22.2	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	23.5	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	21.8	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.3	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	22.3	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	23.1	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	22.8	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	23.6	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	22.8	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	23.0	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	21.4	ug/L		0.200	2.00	1
91-20-3	Naphthalene	23.5	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MSD1
% Solids:	NA	Date Collected:	06/09/08 07:30
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 18:02
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	22.3	ug/L		0.200	2.00	1
74-87-3	Chloromethane	29.0	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	23.2	ug/L		0.200	2.00	1
74-83-9	Bromomethane	15.5	ug/L	Q2	0.200	2.00	1
75-00-3	Chloroethane	21.4	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	26.3	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	28.1	ug/L		0.200	2.00	1
107-02-8	Acrolein	79.5	ug/L		1.00	10.0	1
67-64-1	Acetone	11.0	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	24.9	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	18.7	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	19.9	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	24.5	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	28.2	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	29.0	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	23.8	ug/L		0.200	2.00	1
78-93-3	2-Butanone	131	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	37.4	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	25.7	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	24.2	ug/L		0.200	2.00	1
67-66-3	Chloroform	24.5	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	30.1	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	25.7	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	26.8	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	35.3	ug/L		0.200	2.00	1
71-43-2	Benzene	437	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	163	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	22.8	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	24.4	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	24.7	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	26.2	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	159	ug/L		2.00	10.0	1
108-88-3	Toluene	374	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	27.5	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	24.0	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	24.6	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	21.4	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	158	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	25.9	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	26.7	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	22.8	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.1	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	316	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	533	ug/L		0.400	4.00	1
95-47-6	o-Xylene	364	ug/L		0.200	2.00	1
100-42-5	Styrene	29.2	ug/L		0.200	2.00	1
75-25-2	Bromoform	25.5	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	67.1	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	27.1	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	24.4	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MSD1
% Solids:	NA	Date Collected:	06/09/08 07:30
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 18:02
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	22.7	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	63.9	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	46.2	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	35.1	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	101	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	24.6	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	189	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	44.6	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.5	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.7	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	22.9	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	33.7	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	30.7	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	27.6	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	24.1	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	25.4	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	22.8	ug/L		0.200	2.00	1
91-20-3	Naphthalene	140	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MSD2
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 22:22
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	21.8	ug/L		0.200	2.00	1
74-87-3	Chloromethane	30.7	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	24.2	ug/L		0.200	2.00	1
74-83-9	Bromomethane	11.1	ug/L	Q2	0.200	2.00	1
75-00-3	Chloroethane	24.5	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	25.1	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	26.4	ug/L		0.200	2.00	1
107-02-8	Acrolein	136	ug/L		1.00	10.0	1
67-64-1	Acetone	143	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	23.9	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	21.6	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	24.2	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	24.8	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	27.0	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	26.4	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	22.7	ug/L		0.200	2.00	1
78-93-3	2-Butanone	130	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	24.6	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	21.8	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	23.7	ug/L		0.200	2.00	1
67-66-3	Chloroform	23.8	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	23.9	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	24.5	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	25.5	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	25.7	ug/L		0.200	2.00	1
71-43-2	Benzene	26.1	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	24.0	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	22.7	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	23.8	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	24.7	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	24.3	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	128	ug/L		2.00	10.0	1
108-88-3	Toluene	25.3	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	25.4	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	23.5	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	23.1	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	20.9	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	122	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	24.7	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	22.9	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	22.4	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.8	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	22.4	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	47.0	ug/L		0.400	4.00	1
95-47-6	o-Xylene	22.6	ug/L		0.200	2.00	1
100-42-5	Styrene	23.1	ug/L		0.200	2.00	1
75-25-2	Bromoform	25.8	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	23.0	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	25.6	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	23.4	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806037
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806170-MSD2
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8260B	Date Analyzed:	06/10/08 22:22
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806170		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	22.7	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	23.1	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	24.1	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	23.8	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	22.4	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	22.9	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	22.6	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	24.4	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.2	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.2	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	22.8	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	24.0	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	23.4	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	24.7	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	24.0	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	23.9	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	22.9	ug/L		0.200	2.00	1
91-20-3	Naphthalene	25.4	ug/L		0.400	2.00	1

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0806036-01*** ***Lab Sample ID for MS :*** ***P806170-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Dichlorodifluoromethane	0	25.0	22.8	91.0		30	155
Chloromethane	0	25.0	25.8	103		40	125
Vinyl chloride	0	25.0	23.2	92.8		50	145
Bromomethane	0	25.0	15.2	60.8		30	145
Chloroethane	0	25.0	20.6	82.4		60	135
Trichlorofluoromethane	0	25.0	26.5	106		60	145
1,1-Dichloroethene	0	25.0	28.9	116		70	130
Acrolein	0	125	136	108		54	142
Acetone	0	125	11.1	8.89	ME*	40	140
Acrylonitrile	0	25.0	25.2	101		71	129
Carbon disulfide	0	25.0	18.9	75.5		35	160
Methylene Chloride	0	25.0	19.1	76.4		55	140
trans-1,2-Dichloroethene	0	25.0	24.7	99.0		60	140
Vinyl acetate	0	25.0	28.9	116		72	121
Methyl tert-Butyl Ether	0	25.0	28.4	114		65	125
1,1-Dichloroethane	0.760	25.0	24.0	92.9		70	135
2-Butanone	14.9	125	118	82.9		30	150
cis-1,2-Dichloroethene	11.8	25.0	37.6	103		70	125
2,2-Dichloropropane	0	25.0	26.0	104		70	135
Bromochloromethane	0	25.0	23.4	93.4		65	130
Chloroform	0	25.0	24.7	98.7		65	135
1,1,1-Trichloroethane	4.81	25.0	29.9	100		65	130
1,1-Dichloropropene	0	25.0	25.9	104		75	130
Carbon Tetrachloride	0	25.0	26.7	107		65	140
1,2-Dichloroethane	0	25.0	35.0	140	ME	70	130
Benzene	428	25.0	440	48.1	ME*	80	120
Trichloroethene	143	25.0	163	80.2		70	125
1,2-Dichloropropane	0	25.0	22.5	90.0		75	125
Dibromomethane	0	25.0	24.3	97.1		75	125
Bromodichloromethane	0	25.0	24.6	98.5		75	120
cis-1,3-Dichloropropene	0	25.0	25.3	101		70	130
4-Methyl-2-pentanone	0	125	153	122		60	135
Toluene	363	25.0	378	59.2	ME*	75	120
trans-1,3-Dichloropropene	0	25.0	26.9	108		55	140
1,1,2-Trichloroethane	0	25.0	23.9	95.8		75	125
1,3-Dichloropropane	0	25.0	23.7	94.8		75	125
Tetrachloroethene	0	25.0	21.3	85.2		45	150
2-Hexanone	0	125	148	118		55	130
Dibromochloromethane	0	25.0	25.0	100		60	135
1,2-Dibromoethane	0	25.0	25.9	104		80	120
Chlorobenzene	0	25.0	22.8	91.2		80	120
1,1,1,2-Tetrachloroethane	0	25.0	23.9	95.6		80	130
Ethylbenzene	307	25.0	319	47.6	ME*	75	125
m-Xylene/p-Xylene	517	50.0	535	35.6	ME*	75	130
o-Xylene	357	25.0	364	28.4	ME*	80	120
Styrene	0	25.0	29.2	117		65	135
Bromoform	0	25.0	24.9	99.7		70	130
Isopropylbenzene	44.9	25.0	67.2	89.0		75	125
1,2,3-Trichloropropane	0	25.0	25.9	104		75	125
1,1,2,2-Tetrachloroethane	0	25.0	23.6	94.5		65	130
Bromobenzene	0	25.0	22.5	90.0		75	125
n-Propylbenzene	40.7	25.0	64.5	95.1		70	130
2-Chlorotoluene	22.6	25.0	46.3	94.7		75	125
4-Chlorotoluene	9.12	25.0	34.9	103		75	130

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Original Sample ***0806036-01*** ***Lab Sample ID for MS :*** ***P806170-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
1,3,5-Trimethylbenzene	84.0	25.0	102	73.4	ME	75	130
tert-Butylbenzene	0	25.0	24.1	96.2		70	130
1,2,4-Trimethylbenzene	177	25.0	191	54.7	ME*	75	130
sec-Butylbenzene	0	25.0	45.3	181	ME*	70	125
1,3-Dichlorobenzene	0	25.0	22.4	89.4		75	125
1,4-Dichlorobenzene	0	25.0	22.0	87.8		75	125
1,2-Dichlorobenzene	0	25.0	22.4	89.5		70	120
4-Isopropyltoluene	8.99	25.0	34.1	100		75	130
n-Butylbenzene	0	25.0	30.5	122		70	135
1,2-Dibromo-3-chloropropane	0	25.0	26.9	107		50	130
1,2,4-Trichlorobenzene	0	25.0	23.8	95.1		65	135
1,2,3-Trichlorobenzene	0	25.0	24.1	96.4		55	140
Hexachlorobutadiene	0	25.0	22.7	90.8		50	140
Naphthalene	99.6	25.0	136	146	ME	55	140

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806170-MS2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Dichlorodifluoromethane	0	25.0	22.0	87.8		30	155
Chloromethane	0	25.0	29.7	119		40	125
Vinyl chloride	0	25.0	24.1	96.6		50	145
Bromomethane	0	25.0	8.09	32.4		30	145
Chloroethane	0	25.0	25.0	99.8		60	135
Trichlorofluoromethane	0	25.0	24.9	99.7		60	145
1,1-Dichloroethene	0	25.0	26.2	105		70	130
Acrolein	0	125	131	105		54	142
Acetone	0	125	138	110		40	140
Acrylonitrile	0	25.0	23.9	95.6		71	129
Carbon disulfide	0	25.0	21.8	87.4		35	160
Methylene Chloride	0	25.0	24.3	97.2		55	140
trans-1,2-Dichloroethene	0	25.0	25.3	101		60	140
Vinyl acetate	0	25.0	26.8	107		72	121
Methyl tert-Butyl Ether	0	25.0	26.4	106		65	125
1,1-Dichloroethane	0	25.0	22.8	91.2		70	135
2-Butanone	0	125	125	99.7		30	150
cis-1,2-Dichloroethene	0	25.0	25.2	101		70	125
2,2-Dichloropropane	0	25.0	22.1	88.2		70	135
Bromochloromethane	0	25.0	23.7	94.6		65	130
Chloroform	0	25.0	24.0	96.0		65	135
1,1,1-Trichloroethane	0	25.0	24.0	96.2		65	130
1,1-Dichloropropene	0	25.0	24.8	99.4		75	130
Carbon Tetrachloride	0	25.0	25.2	101		65	140
1,2-Dichloroethane	0	25.0	25.4	101		70	130
Benzene	0	25.0	25.9	104		80	120
Trichloroethene	0	25.0	24.5	98.0		70	125
1,2-Dichloropropane	0	25.0	22.7	90.8		75	125
Dibromomethane	0	25.0	23.7	95.0		75	125
Bromodichloromethane	0	25.0	24.7	98.9		75	120
cis-1,3-Dichloropropene	0	25.0	24.4	97.4		70	130
4-Methyl-2-pentanone	0	125	123	98.3		60	135
Toluene	0	25.0	24.9	99.7		75	120
trans-1,3-Dichloropropene	0	25.0	25.4	101		55	140
1,1,2-Trichloroethane	0	25.0	22.9	91.8		75	125
1,3-Dichloropropane	0	25.0	22.7	90.9		75	125
Tetrachloroethene	0	25.0	20.2	81.0		45	150
2-Hexanone	0	125	114	91.4		55	130
Dibromochloromethane	0	25.0	24.5	98.0		60	135
1,2-Dibromoethane	0	25.0	23.0	92.1		80	120
Chlorobenzene	0	25.0	21.8	87.3		80	120
1,1,1,2-Tetrachloroethane	0	25.0	24.1	96.4		80	130
Ethylbenzene	0	25.0	22.1	88.4		75	125
m-Xylene/p-Xylene	0	50.0	46.9	93.7		75	130
o-Xylene	0	25.0	22.5	90.0		80	120
Styrene	0	25.0	22.7	90.7		65	135
Bromoform	0	25.0	24.9	99.5		70	130
Isopropylbenzene	0	25.0	22.5	89.8		75	125
1,2,3-Trichloropropane	0	25.0	24.8	99.2		75	125
1,1,2,2-Tetrachloroethane	0	25.0	22.4	89.6		65	130
Bromobenzene	0	25.0	22.2	89.0		75	125
n-Propylbenzene	0	25.0	22.9	91.8		70	130
2-Chlorotoluene	0	25.0	23.4	93.6		75	125
4-Chlorotoluene	0	25.0	23.4	93.6		75	130

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806170-MS2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
1,3,5-Trimethylbenzene	0	25.0	22.1	88.6		75	130
tert-Butylbenzene	0	25.0	22.5	90.0		70	130
1,2,4-Trimethylbenzene	0	25.0	22.2	89.0		75	130
sec-Butylbenzene	0	25.0	23.5	94.0		70	125
1,3-Dichlorobenzene	0	25.0	21.8	87.3		75	125
1,4-Dichlorobenzene	0	25.0	22.3	89.2		75	125
1,2-Dichlorobenzene	0	25.0	22.3	89.1		70	120
4-Isopropyltoluene	0	25.0	23.1	92.3		75	130
n-Butylbenzene	0	25.0	22.8	91.3		70	135
1,2-Dibromo-3-chloropropane	0	25.0	23.6	94.4		50	130
1,2,4-Trichlorobenzene	0	25.0	22.8	91.1		65	135
1,2,3-Trichlorobenzene	0	25.0	23.0	92.0		55	140
Hexachlorobutadiene	0	25.0	21.4	85.7		50	140
Naphthalene	0	25.0	23.5	94.1		55	140

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0806036-01*** ***Lab Sample ID for MSD*** ***P806170-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Dichlorodifluoromethane	0	25.0	22.3	89.1		2.18		30	155	30
Chloromethane	0	25.0	29.0	116		11.6		40	125	30
Vinyl chloride	0	25.0	23.2	93.0		0.172		50	145	30
Bromomethane	0	25.0	15.5	62.0		1.89		30	145	30
Chloroethane	0	25.0	21.4	85.8		3.99		60	135	30
Trichlorofluoromethane	0	25.0	26.3	105		0.795		60	145	30
1,1-Dichloroethene	0	25.0	28.1	113		2.63		70	130	30
Acrolein	0	125	79.5	63.6		52.1	*	54	142	30
Acetone	0	125	11.0	8.77	ME*	1.36		40	140	30
Acrylonitrile	0	25.0	24.9	99.7		1.28		71	129	30
Carbon disulfide	0	25.0	18.7	74.9		0.851		35	160	30
Methylene Chloride	0	25.0	19.9	79.6		4.15		55	140	30
trans-1,2-Dichloroethene	0	25.0	24.5	98.1		0.893		60	140	30
Vinyl acetate	0	25.0	28.2	113		2.31		72	121	30
Methyl tert-Butyl Ether	0	25.0	29.0	116		2.19		65	125	30
1,1-Dichloroethane	0.760	25.0	23.8	92.0		0.908		70	135	30
2-Butanone	14.9	125	131	92.7		11.1		30	150	30
cis-1,2-Dichloroethene	11.8	25.0	37.4	102		0.894		70	125	30
2,2-Dichloropropane	0	25.0	25.7	103		1.43		70	135	30
Bromochloromethane	0	25.0	24.2	96.7		3.45		65	130	30
Chloroform	0	25.0	24.5	97.9		0.773		65	135	30
1,1,1-Trichloroethane	4.81	25.0	30.1	101		0.714		65	130	30
1,1-Dichloropropene	0	25.0	25.7	103		0.814		75	130	30
Carbon Tetrachloride	0	25.0	26.8	107		0.486		65	140	30
1,2-Dichloroethane	0	25.0	35.3	141	ME*	0.882		70	130	30
Benzene	428	25.0	437	39.0	ME*	20.9		80	120	30
Trichloroethene	143	25.0	163	77.4		3.55		70	125	30
1,2-Dichloropropane	0	25.0	22.8	91.1		1.24		75	125	30
Dibromomethane	0	25.0	24.4	97.8		0.698		75	125	30
Bromodichloromethane	0	25.0	24.7	98.8		0.324		75	120	30
cis-1,3-Dichloropropene	0	25.0	26.2	105		3.34		70	130	30
4-Methyl-2-pentanone	0	125	159	127		3.76		60	135	30
Toluene	363	25.0	374	45.4	ME*	26.2		75	120	30
trans-1,3-Dichloropropene	0	25.0	27.5	110		2.13		55	140	30
1,1,2-Trichloroethane	0	25.0	24.0	95.8		0.0835		75	125	30
1,3-Dichloropropane	0	25.0	24.6	98.2		3.56		75	125	30
Tetrachloroethene	0	25.0	21.4	85.5		0.281		45	150	30
2-Hexanone	0	125	158	127		6.70		55	130	30
Dibromochloromethane	0	25.0	25.9	104		3.46		60	135	30
1,2-Dibromoethane	0	25.0	26.7	107		3.00		80	120	30
Chlorobenzene	0	25.0	22.8	91.3		0.132		80	120	30
1,1,1,2-Tetrachloroethane	0	25.0	24.1	96.5		0.958		80	130	30
Ethylbenzene	307	25.0	316	36.8	ME*	25.5		75	125	30
m-Xylene/p-Xylene	517	50.0	533	31.6	ME*	12.1		75	130	30
o-Xylene	357	25.0	364	24.6	ME*	14.3		80	120	30
Styrene	0	25.0	29.2	117		0.240		65	135	30
Bromoform	0	25.0	25.5	102		2.10		70	130	30
Isopropylbenzene	44.9	25.0	67.1	88.8		0.315		75	125	30
1,2,3-Trichloropropane	0	25.0	27.1	108		4.45		75	125	30
1,1,2,2-Tetrachloroethane	0	25.0	24.4	97.6		3.25		65	130	30
Bromobenzene	0	25.0	22.7	90.8		0.885		75	125	30
n-Propylbenzene	40.7	25.0	63.9	93.0		2.30		70	130	30
2-Chlorotoluene	22.6	25.0	46.2	94.4		0.338		75	125	30
4-Chlorotoluene	9.12	25.0	35.1	104		0.657		75	130	30

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0806036-01*** ***Lab Sample ID for MSD*** ***P806170-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
1,3,5-Trimethylbenzene	84.0	25.0	101	69.8	ME	5.08		75	130	30
tert-Butylbenzene	0	25.0	24.6	98.5		2.30		70	130	30
1,2,4-Trimethylbenzene	177	25.0	189	46.6	ME*	16.0		75	130	30
sec-Butylbenzene	0	25.0	44.6	178	ME*	1.65		70	125	30
1,3-Dichlorobenzene	0	25.0	22.5	90.0		0.669		75	125	30
1,4-Dichlorobenzene	0	25.0	22.7	90.8		3.36		75	125	30
1,2-Dichlorobenzene	0	25.0	22.9	91.7		2.43		70	120	30
4-Isopropyltoluene	8.99	25.0	33.7	99.0		1.48		75	130	30
n-Butylbenzene	0	25.0	30.7	123		0.687		70	135	30
1,2-Dibromo-3-chloropropane	0	25.0	27.6	110		2.72		50	130	30
1,2,4-Trichlorobenzene	0	25.0	24.1	96.4		1.38		65	135	30
1,2,3-Trichlorobenzene	0	25.0	25.4	101		5.14		55	140	30
Hexachlorobutadiene	0	25.0	22.8	91.0		0.264		50	140	30
Naphthalene	99.6	25.0	140	161	ME*	9.30		55	140	30

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806170-MSD2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Dichlorodifluoromethane	0	25.0	21.8	87.1		0.777		30	155	30
Chloromethane	0	25.0	30.7	123		3.15		40	125	30
Vinyl chloride	0	25.0	24.2	96.8		0.207		50	145	30
Bromomethane	0	25.0	11.1	44.5		31.5	*	30	145	30
Chloroethane	0	25.0	24.5	98.2		1.66		60	135	30
Trichlorofluoromethane	0	25.0	25.1	100		0.760		60	145	30
1,1-Dichloroethene	0	25.0	26.4	105		0.495		70	130	30
Acrolein	0	125	136	109		3.64		54	142	30
Acetone	0	125	143	114		3.58		40	140	30
Acrylonitrile	0	25.0	23.9	95.5		0.0837		71	129	30
Carbon disulfide	0	25.0	21.6	86.5		1.06		35	160	30
Methylene Chloride	0	25.0	24.2	96.9		0.247		55	140	30
trans-1,2-Dichloroethene	0	25.0	24.8	99.1		1.96		60	140	30
Vinyl acetate	0	25.0	27.0	108		0.633		72	121	30
Methyl tert-Butyl Ether	0	25.0	26.4	106		0.151		65	125	30
1,1-Dichloroethane	0	25.0	22.7	90.8		0.483		70	135	30
2-Butanone	0	125	130	104		4.37		30	150	30
cis-1,2-Dichloroethene	0	25.0	24.6	98.6		2.17		70	125	30
2,2-Dichloropropane	0	25.0	21.8	87.0		1.37		70	135	30
Bromochloromethane	0	25.0	23.7	94.8		0.127		65	130	30
Chloroform	0	25.0	23.8	95.3		0.711		65	135	30
1,1,1-Trichloroethane	0	25.0	23.9	95.7		0.500		65	130	30
1,1-Dichloropropene	0	25.0	24.5	97.9		1.50		75	130	30
Carbon Tetrachloride	0	25.0	25.5	102		1.18		65	140	30
1,2-Dichloroethane	0	25.0	25.7	103		1.49		70	130	30
Benzene	0	25.0	26.1	104		0.654		80	120	30
Trichloroethene	0	25.0	24.0	96.0		2.06		70	125	30
1,2-Dichloropropane	0	25.0	22.7	90.8		0.0881		75	125	30
Dibromomethane	0	25.0	23.8	95.4		0.420		75	125	30
Bromodichloromethane	0	25.0	24.7	98.7		0.162		75	120	30
cis-1,3-Dichloropropene	0	25.0	24.3	97.2		0.247		70	130	30
4-Methyl-2-pentanone	0	125	128	102		4.14		60	135	30
Toluene	0	25.0	25.3	101		1.55		75	120	30
trans-1,3-Dichloropropene	0	25.0	25.4	102		0.354		55	140	30
1,1,2-Trichloroethane	0	25.0	23.5	94.1		2.54		75	125	30
1,3-Dichloropropane	0	25.0	23.1	92.4		1.61		75	125	30
Tetrachloroethene	0	25.0	20.9	83.5		3.02		45	150	30
2-Hexanone	0	125	122	97.6		6.51		55	130	30
Dibromochloromethane	0	25.0	24.7	99.0		0.975		60	135	30
1,2-Dibromoethane	0	25.0	22.9	91.6		0.522		80	120	30
Chlorobenzene	0	25.0	22.4	89.6		2.58		80	120	30
1,1,1,2-Tetrachloroethane	0	25.0	24.8	99.1		2.78		80	130	30
Ethylbenzene	0	25.0	22.4	89.5		1.21		75	125	30
m-Xylene/p-Xylene	0	50.0	47.0	93.9		0.171		75	130	30
o-Xylene	0	25.0	22.6	90.4		0.443		80	120	30
Styrene	0	25.0	23.1	92.5		1.92		65	135	30
Bromoform	0	25.0	25.8	103		3.67		70	130	30
Isopropylbenzene	0	25.0	23.0	91.9		2.25		75	125	30
1,2,3-Trichloropropane	0	25.0	25.6	102		2.98		75	125	30
1,1,2,2-Tetrachloroethane	0	25.0	23.4	93.5		4.24		65	130	30
Bromobenzene	0	25.0	22.7	90.7		1.91		75	125	30
n-Propylbenzene	0	25.0	23.1	92.3		0.608		70	130	30
2-Chlorotoluene	0	25.0	24.1	96.4		2.95		75	125	30
4-Chlorotoluene	0	25.0	23.8	95.1		1.57		75	130	30

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806170

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806170-MSD2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
1,3,5-Trimethylbenzene	0	25.0	22.4	89.5		1.08		75	130	30
tert-Butylbenzene	0	25.0	22.9	91.8		1.89		70	130	30
1,2,4-Trimethylbenzene	0	25.0	22.6	90.2		1.38		75	130	30
sec-Butylbenzene	0	25.0	24.4	97.8		4.01		70	125	30
1,3-Dichlorobenzene	0	25.0	22.2	89.0		1.95		75	125	30
1,4-Dichlorobenzene	0	25.0	22.2	88.7		0.629		75	125	30
1,2-Dichlorobenzene	0	25.0	22.8	91.4		2.57		70	120	30
4-Isopropyltoluene	0	25.0	24.0	95.9		3.83		75	130	30
n-Butylbenzene	0	25.0	23.4	93.8		2.68		70	135	30
1,2-Dibromo-3-chloropropane	0	25.0	24.7	98.6		4.39		50	130	30
1,2,4-Trichlorobenzene	0	25.0	24.0	95.8		5.05		65	135	30
1,2,3-Trichlorobenzene	0	25.0	23.9	95.8		4.01		55	140	30
Hexachlorobutadiene	0	25.0	22.9	91.6		6.59		50	140	30
Naphthalene	0	25.0	25.4	102		7.80		55	140	30

Subcontracted Report

0806037

(AML Sample Delivery Group, SDG)

ACCUTEST-Report F58107

(Laboratory)

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

07/08/08

Technical Report for

Analytical Management Laboratories

Long Street LF; Ft Bragg, NC

DO 109

Accutest Job Number: F58107

Sampling Date: 06/09/08

Report to:

Analytical Management Laboratories
15130 South Keeler
Olathe, KS 66062

ATTN: Malania Harris

Total number of pages in report: 15

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.

Test results relate only to samples analyzed.

Sections: 1 2 3 4

Table of Contents

-1-

Section 1: Sample Summary 3
Section 2: Sample Results 4
2.1: F58107-1: SLMW-12AR-5-08 5
2.2: F58107-2: SLMW-12BR-5-08 6
2.3: F58107-3: SLMW-10-5-08 7
2.4: F58107-4: SLMW-6-5-08 8
Section 3: Misc. Forms 9
3.1: Chain of Custody 10
Section 4: GC Semi-volatiles - QC Data Summaries 12
4.1: Method Blank Summary 13
4.2: Blank Spike Summary 14
4.3: Matrix Spike/Matrix Spike Duplicate Summary 15

Sample Summary

Analytical Management Laboratories

Job No: F58107

Long Street LF; Ft Bragg, NC
Project No: DO 109

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
F58107-1	06/09/08	10:35 JC	06/10/08	AQ	Water	SLMW-12AR-5-08
F58107-2	06/09/08	09:15 JC	06/10/08	AQ	Water	SLMW-12BR-5-08
F58107-2D	06/09/08	09:15 JC	06/10/08	AQ	Water Dup/MSD	SLMW-12BR-5-08
F58107-2S	06/09/08	09:15 JC	06/10/08	AQ	Water Matrix Spike	SLMW-12BR-5-08
F58107-3	06/09/08	14:45 JC	06/10/08	AQ	Water	SLMW-10-5-08
F58107-4	06/09/08	16:40 JC	06/10/08	AQ	Water	SLMW-6-5-08

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	SLMW-12AR-5-08		
Lab Sample ID:	F58107-1	**Date Sampled:**	06/09/08
Matrix:	AQ - Water	**Date Received:**	06/10/08
Method:	SW846 8141B SW846 3510C	**Percent Solids:**	n/a
Project:	Long Street LF; Ft Bragg, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ01198.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

Organophosphorus Pesticides

CAS No.	Compound	Result	RL	MDL	Units	Q
35400-43-2	Bolstar	ND	2.0	0.49	ug/l	
2921-88-2	Chlorpyrifos	ND	2.0	0.49	ug/l	
56-72-4	Coumaphos	ND	2.0	0.49	ug/l	
8065-48-3	Demeton	ND	3.9	0.98	ug/l	
333-41-5	Diazinon	ND	2.0	0.49	ug/l	
62-73-7	Dichlorvos	ND	2.0	0.49	ug/l	
60-51-5	Dimethoate	ND	2.0	0.49	ug/l	
298-04-4	Disulfoton	ND	2.0	0.49	ug/l	
2104-64-5	EPN	ND	2.0	0.49	ug/l	
13194-48-4	Ethoprop	ND	2.0	0.49	ug/l	
56-38-2	Ethyl Parathion	ND	2.0	0.49	ug/l	
115-90-2	Fensulfothion	ND	2.0	0.49	ug/l	
55-38-9	Fenthion	ND	2.0	0.49	ug/l	
121-75-5	Malathion	ND	2.0	0.49	ug/l	
86-50-0	Methyl Azinphos	ND	2.0	0.49	ug/l	
298-00-0	Methyl Parathion	ND	2.0	0.49	ug/l	
150-50-5	Merphos	ND	4.9	2.0	ug/l	
7786-34-7	Mevinphos	ND	2.0	0.49	ug/l	
6923-22-4	Monocrotophos	ND	4.9	2.0	ug/l	
300-76-5	Naled	ND	2.0	0.98	ug/l	
298-02-2	Phorate	ND	2.0	0.49	ug/l	
3689-24-5	Sulfotep	ND	2.0	0.49	ug/l	
299-84-3	Ronnel	ND	2.0	0.49	ug/l	
22248-79-9	Stirophos	ND	2.0	0.49	ug/l	
107-49-3	TEPP	ND	4.9	2.0	ug/l	
34643-46-4	Tokuthion	ND	2.0	0.49	ug/l	
327-98-0	Trichloronate	ND	2.0	0.49	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
115-86-6	Triphenyl phosphate	77%		55-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SLMW-12BR-5-08		
Lab Sample ID:	F58107-2	**Date Sampled:**	06/09/08
Matrix:	AQ - Water	**Date Received:**	06/10/08
Method:	SW846 8141B SW846 3510C	**Percent Solids:**	n/a
Project:	Long Street LF; Ft Bragg, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ01199.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

Organophosphorus Pesticides

CAS No.	Compound	Result	RL	MDL	Units	Q
35400-43-2	Bolstar	ND	1.9	0.48	ug/l	
2921-88-2	Chlorpyrifos	ND	1.9	0.48	ug/l	
56-72-4	Coumaphos	ND	1.9	0.48	ug/l	
8065-48-3	Demeton	ND	3.8	0.95	ug/l	
333-41-5	Diazinon	ND	1.9	0.48	ug/l	
62-73-7	Dichlorvos	ND	1.9	0.48	ug/l	
60-51-5	Dimethoate	ND	1.9	0.48	ug/l	
298-04-4	Disulfoton	ND	1.9	0.48	ug/l	
2104-64-5	EPN	ND	1.9	0.48	ug/l	
13194-48-4	Ethoprop	ND	1.9	0.48	ug/l	
56-38-2	Ethyl Parathion	ND	1.9	0.48	ug/l	
115-90-2	Fensulfothion	ND	1.9	0.48	ug/l	
55-38-9	Fenthion	ND	1.9	0.48	ug/l	
121-75-5	Malathion	ND	1.9	0.48	ug/l	
86-50-0	Methyl Azinphos	ND	1.9	0.48	ug/l	
298-00-0	Methyl Parathion	ND	1.9	0.48	ug/l	
150-50-5	Merphos	ND	4.8	1.9	ug/l	
7786-34-7	Mevinphos	ND	1.9	0.48	ug/l	
6923-22-4	Monocrotophos	ND	4.8	1.9	ug/l	
300-76-5	Naled	ND	1.9	0.95	ug/l	
298-02-2	Phorate	ND	1.9	0.48	ug/l	
3689-24-5	Sulfotep	ND	1.9	0.48	ug/l	
299-84-3	Ronnel	ND	1.9	0.48	ug/l	
22248-79-9	Stirophos	ND	1.9	0.48	ug/l	
107-49-3	TEPP	ND	4.8	1.9	ug/l	
34643-46-4	Tokuthion	ND	1.9	0.48	ug/l	
327-98-0	Trichloronate	ND	1.9	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
115-86-6	Triphenyl phosphate	74%		55-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SLMW-10-5-08		
Lab Sample ID:	F58107-3	**Date Sampled:**	06/09/08
Matrix:	AQ - Water	**Date Received:**	06/10/08
Method:	SW846 8141B SW846 3510C	**Percent Solids:**	n/a
Project:	Long Street LF; Ft Bragg, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ01213.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

Organophosphorus Pesticides

CAS No.	Compound	Result	RL	MDL	Units	Q
35400-43-2	Bolstar	ND	1.9	0.49	ug/l	
2921-88-2	Chlorpyrifos	ND	1.9	0.49	ug/l	
56-72-4	Coumaphos	ND	1.9	0.49	ug/l	
8065-48-3	Demeton	ND	3.9	0.97	ug/l	
333-41-5	Diazinon	ND	1.9	0.49	ug/l	
62-73-7	Dichlorvos	ND	1.9	0.49	ug/l	
60-51-5	Dimethoate	ND	1.9	0.49	ug/l	
298-04-4	Disulfoton	ND	1.9	0.49	ug/l	
2104-64-5	EPN	ND	1.9	0.49	ug/l	
13194-48-4	Ethoprop	ND	1.9	0.49	ug/l	
56-38-2	Ethyl Parathion	ND	1.9	0.49	ug/l	
115-90-2	Fensulfothion	ND	1.9	0.49	ug/l	
55-38-9	Fenthion	ND	1.9	0.49	ug/l	
121-75-5	Malathion	ND	1.9	0.49	ug/l	
86-50-0	Methyl Azinphos	ND	1.9	0.49	ug/l	
298-00-0	Methyl Parathion	ND	1.9	0.49	ug/l	
150-50-5	Merphos	ND	4.9	1.9	ug/l	
7786-34-7	Mevinphos	ND	1.9	0.49	ug/l	
6923-22-4	Monocrotophos	ND	4.9	1.9	ug/l	
300-76-5	Naled	ND	1.9	0.97	ug/l	
298-02-2	Phorate	ND	1.9	0.49	ug/l	
3689-24-5	Sulfotep	ND	1.9	0.49	ug/l	
299-84-3	Ronnel	ND	1.9	0.49	ug/l	
22248-79-9	Stirophos	ND	1.9	0.49	ug/l	
107-49-3	TEPP	ND	4.9	1.9	ug/l	
34643-46-4	Tokuthion	ND	1.9	0.49	ug/l	
327-98-0	Trichloronate	ND	1.9	0.49	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
115-86-6	Triphenyl phosphate	79%		55-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SLMW-6-5-08		
Lab Sample ID:	F58107-4	**Date Sampled:**	06/09/08
Matrix:	AQ - Water	**Date Received:**	06/10/08
Method:	SW846 8141B SW846 3510C	**Percent Solids:**	n/a
Project:	Long Street LF; Ft Bragg, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ01200.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

Organophosphorus Pesticides

CAS No.	Compound	Result	RL	MDL	Units	Q
35400-43-2	Bolstar	ND	1.9	0.48	ug/l	
2921-88-2	Chlorpyrifos	ND	1.9	0.48	ug/l	
56-72-4	Coumaphos	ND	1.9	0.48	ug/l	
8065-48-3	Demeton	ND	3.8	0.95	ug/l	
333-41-5	Diazinon	ND	1.9	0.48	ug/l	
62-73-7	Dichlorvos	ND	1.9	0.48	ug/l	
60-51-5	Dimethoate	ND	1.9	0.48	ug/l	
298-04-4	Disulfoton	ND	1.9	0.48	ug/l	
2104-64-5	EPN	ND	1.9	0.48	ug/l	
13194-48-4	Ethoprop	ND	1.9	0.48	ug/l	
56-38-2	Ethyl Parathion	ND	1.9	0.48	ug/l	
115-90-2	Fensulfothion	ND	1.9	0.48	ug/l	
55-38-9	Fenthion	ND	1.9	0.48	ug/l	
121-75-5	Malathion	ND	1.9	0.48	ug/l	
86-50-0	Methyl Azinphos	ND	1.9	0.48	ug/l	
298-00-0	Methyl Parathion	ND	1.9	0.48	ug/l	
150-50-5	Merphos	ND	4.8	1.9	ug/l	
7786-34-7	Mevinphos	ND	1.9	0.48	ug/l	
6923-22-4	Monocrotophos	ND	4.8	1.9	ug/l	
300-76-5	Naled	ND	1.9	0.95	ug/l	
298-02-2	Phorate	ND	1.9	0.48	ug/l	
3689-24-5	Sulfotep	ND	1.9	0.48	ug/l	
299-84-3	Ronnel	ND	1.9	0.48	ug/l	
22248-79-9	Stirophos	ND	1.9	0.48	ug/l	
107-49-3	TEPP	ND	4.8	1.9	ug/l	
34643-46-4	Tokuthion	ND	1.9	0.48	ug/l	
327-98-0	Trichloronate	ND	1.9	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
115-86-6	Triphenyl phosphate	77%		55-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

AML
Analytical Management Laboratories, Inc.
15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

9141

F58107

41662

Page 1 of 1

Chain of Custody Record / Request for Analysis

Client Contact Name: JOHN SMITH
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 WOLF THORPE AVE
City, State, Zip: SAVANNAH, GA 31401
Phone #: (912) 652-5623 Ext:
Fax #: (912) 652-5311
Email:

Project Name: LONGSTREET LF
Project Number:
Purchase Order Number:
Project Due Date: DO 100
Project Comments:
Print Sampler's Name: JOHN COOMBS

Analysis/Method to be Performed (Check all that apply)

Laboratory Project Number:

Specify method # --->

Preservative: List total number of bottles for each preservative type.

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4°C ICE	VOCs	SVOCs	Pesticides	PCBs	Herbicides	Metals (specify)	DRO	GRO	Explosives	Anions (specify)	CERCLA PAHs	8260					Comments:
1	SLMW-12AR-5-08	6/9/08	1035	AQ	2						2											2						
2	SLMW-12BR-5-08	6/9/08	0915	AQ	4						4											4						MS/MSD
3	SLMW-10-5-08	6/9/08	1425	AQ	2						2											2						
4																												
5																												
6																												
7																												
8																												
9																												
10																												

Please include any information that may be useful in the analysis of the sample.
Example: high concentration, List analytes, MS/MSD

CUSTODY							
Relinquished By:	[signature]	Date/Time:	6/9/08 1900	Received By:	SHIPPER	Date/Time:	6/9/08 1900
Relinquished By:	FEDEX	Date/Time:		Received By:	Felipe Montenegro	Date/Time:	6/10/08 1300

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

2.6

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered In Person ☐ Courier _____ ☐ Airbill #: _____	☐ Yes ☐ No ☐ Intact ☐ Broken	☐ Ice ☐ Blue Ice ☐ None	____ °C ☐ Temp. Blank ☐ Cooler	

F58107: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F58107 CLIENT: AML PROJECT: Longstaff LF

DATE/TIME RECEIVED: 06-10-08 1300 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 2.6

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 842591972971

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET
- [x] WET ICE RECEIVED IN COOLER

TRIP BLANK INFORMATION

- [ ] TRIP BLANK PROVIDED
- [x] TRIP BLANK NOT PROVIDED
- [x] TRIP BLANK NOT ON COC
- [ ] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DOES NOT MATCH LABEL(S)
- [ ] ID'S ON COC DOES NOT MATCH LABEL(S)
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [x] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS //
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

MISC. INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

NUMBER OF LAB FILTERED METALS ? Ø

SUMMARY OF COMMENTS: Received 2 extra ambers not on COC with ID (SL MW-6-5-08)(6/9/08)(1640). labeled them as sample # 4

*2DU

TECHNICIAN SIGNATURE/DATE F.M. 06-10-08 TECHNICIAN SIGNATURE/DATE 6-10-08 ASBD 12/17/07

3.1 3

F58107: Chain of Custody
Page 2 of 2

4

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F58107
Account: AMLKSO Analytical Management Laboratories
Project: Long Street LF; Ft Bragg, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25385-MB	ZZ01194.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71

The QC reported here applies to the following samples: **Method:** SW846 8141B

F58107-1, F58107-2, F58107-3, F58107-4

CAS No.	Compound	Result	RL	MDL	Units	Q
35400-43-2	Bolstar	ND	2.0	0.50	ug/l	
2921-88-2	Chlorpyrifos	ND	2.0	0.50	ug/l	
56-72-4	Coumaphos	ND	2.0	0.50	ug/l	
8065-48-3	Demeton	ND	4.0	1.0	ug/l	
333-41-5	Diazinon	ND	2.0	0.50	ug/l	
62-73-7	Dichlorvos	ND	2.0	0.50	ug/l	
60-51-5	Dimethoate	ND	2.0	0.50	ug/l	
298-04-4	Disulfoton	ND	2.0	0.50	ug/l	
2104-64-5	EPN	ND	2.0	0.50	ug/l	
13194-48-4	Ethoprop	ND	2.0	0.50	ug/l	
56-38-2	Ethyl Parathion	ND	2.0	0.50	ug/l	
115-90-2	Fensulfothion	ND	2.0	0.50	ug/l	
55-38-9	Fenthion	ND	2.0	0.50	ug/l	
121-75-5	Malathion	ND	2.0	0.50	ug/l	
86-50-0	Methyl Azinphos	ND	2.0	0.50	ug/l	
298-00-0	Methyl Parathion	ND	2.0	0.50	ug/l	
150-50-5	Merphos	ND	5.0	2.0	ug/l	
7786-34-7	Mevinphos	ND	2.0	0.50	ug/l	
6923-22-4	Monocrotophos	ND	5.0	2.0	ug/l	
300-76-5	Naled	ND	2.0	1.0	ug/l	
298-02-2	Phorate	ND	2.0	0.50	ug/l	
3689-24-5	Sulfotep	ND	2.0	0.50	ug/l	
299-84-3	Ronnel	ND	2.0	0.50	ug/l	
22248-79-9	Stirophos	ND	2.0	0.50	ug/l	
107-49-3	TEPP	ND	5.0	2.0	ug/l	
34643-46-4	Tokuthion	ND	2.0	0.50	ug/l	
327-98-0	Trichloronate	ND	2.0	0.50	ug/l	

CAS No.	Surrogate Recoveries		Limits
115-86-6	Triphenyl phosphate	74%	55-128%

Blank Spike Summary

Job Number: F58107
Account: AMLKSO Analytical Management Laboratories
Project: Long Street LF; Ft Bragg, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25385-BS	ZZ01193.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71

The QC reported here applies to the following samples: **Method:** SW846 8141B

F58107-1, F58107-2, F58107-3, F58107-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
35400-43-2	Bolstar	5	4.3	86	58-119
2921-88-2	Chlorpyrifos	5	4.4	88	56-117
56-72-4	Coumaphos	5	4.4	88	56-129
8065-48-3	Demeton	10	7.7	77	54-114
333-41-5	Diazinon	5	4.8	96	57-122
62-73-7	Dichlorvos	5	3.7	74	58-111
298-04-4	Disulfoton	5	4.3	86	62-117
13194-48-4	Ethoprop	5	4.3	86	55-118
115-90-2	Fensulfothion	5	3.1	62	51-135
55-38-9	Fenthion	5	3.8	76	60-119
86-50-0	Methyl Azinphos	5	4.5	90	60-131
298-00-0	Methyl Parathion	5	4.9	98	62-125
150-50-5	Merphos	5	1.7	34 [a]	15-131
7786-34-7	Mevinphos	5	3.5	70	46-129
300-76-5	Naled	5	4.3	86	10-135
298-02-2	Phorate	5	4.2	84	61-118
299-84-3	Ronnel	5	4.5	90	58-116
22248-79-9	Stirophos	5	4.7	94	65-120
34643-46-4	Tokuthion	5	4.6	92	58-119
327-98-0	Trichloronate	5	5.2	104	58-134

CAS No.	Surrogate Recoveries	BSP	Limits
115-86-6	Triphenyl phosphate	90%	55-128%

(a) Calculated as Merphos Oxone.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F58107
Account: AMLKSO Analytical Management Laboratories
Project: Long Street LF; Ft Bragg, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25385-MS	ZZ01206.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71
OP25385-MSD	ZZ01207.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71
F58107-2	ZZ01199.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71

4.3

4

The QC reported here applies to the following samples: **Method:** SW846 8141B

F58107-1, F58107-2, F58107-3, F58107-4

CAS No.	Compound	F58107-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
35400-43-2	Bolstar	ND		9.62	7.6	79	7.9	82	4	58-119/10
2921-88-2	Chlorpyrifos	ND		9.62	7.7	80	8.0	83	4	56-117/16
56-72-4	Coumaphos	ND		9.62	8.2	85	8.3	86	1	56-129/11
8065-48-3	Demeton	ND		19.2	14.2	74	14.6	76	3	54-114/17
333-41-5	Diazinon	ND		9.62	8.4	87	8.8	92	5	57-122/15
62-73-7	Dichlorvos	ND		9.62	6.4	67	6.9	72	8	58-111/17
298-04-4	Disulfoton	ND		9.62	7.9	82	8.1	84	2	62-117/20
13194-48-4	Ethoprop	ND		9.62	7.8	81	8.2	85	5	55-118/15
115-90-2	Fensulfothion	ND		9.62	6.8	71	6.0	62	13	51-135/30
55-38-9	Fenthion	ND		9.62	6.7	70	6.9	72	3	60-119/13
86-50-0	Methyl Azinphos	ND		9.62	8.2	85	8.2	85	0	60-131/16
298-00-0	Methyl Parathion	ND		9.62	8.1	84	8.0	83	1	62-125/16
150-50-5	Merphos	ND		9.62	3.3	33	3.3	33	0	15-131/21
7786-34-7	Mevinphos	ND		9.62	7.0	73	6.6	69	6	46-129/23
300-76-5	Naled	ND		9.62	7.4	77	7.4	77	0	10-135/22
298-02-2	Phorate	ND		9.62	7.6	79	7.9	82	4	61-118/17
299-84-3	Ronnel	ND		9.62	8.3	86	8.6	89	4	58-116/14
22248-79-9	Stirophos	ND		9.62	8.1	84	8.3	86	2	65-120/13
34643-46-4	Tokuthion	ND		9.62	8.2	85	8.4	87	2	58-119/11
327-98-0	Trichloronate	ND		9.62	8.5	88	8.6	89	1	58-134/16

CAS No.	Surrogate Recoveries	MS	MSD	F58107-2	Limits
115-86-6	Triphenyl phosphate	82%	83%	74%	55-128%

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

July 11, 2008

Mr. Judson Smith
Project Chemist, CESAS-EN-GG
U.S. Army Corps of Engineers, Savannah District
100 W. Oglethorpe Ave.
P. O. Box 889
Savannah, GA 31401-0360
Phone: 912-652-5673
Fax: 912-652-5311

Dear Mr. Smith:

RE: Ft. Bragg Longstreet Landfill, DO# 0109
W912HN-05-D-0013
AML Work Order Number: **0806042**

Attached, please find the hardcopy analytical report (175 total pages) for environmental samples collected by CESAS for the project described above. The analytical results included in this report relate only to the samples received by Analytical Management Laboratories (AML). Problems encountered in the analysis of these samples are documented in the laboratory case narrative observations and non-conformances and/or data qualifiers. The case narrative is an integral part of this report. This report has been paginated and may not be reproduced for distribution, except in full, without the written approval of AML. Results are reported to three significant figures; the third significant figure may be estimated. Please feel free to contact me by phone (913-829-0101-ext. 23), fax (913-829-1181) or email (rstrauss@amlabinc.com) if you have any questions.

Respectfully Submitted,
Analytical Management Laboratories, Inc.

Rebecca E. Strauss

Rebecca Strauss
Project Manager

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Case Narrative

Project and Sample Information

Task order information, completed copies of the chain of custody form(s), and Analytical Management Laboratories (AML) sample condition upon receipt form (s) are included in the Project and Sample Information section. The AML laboratory information management system (LIMS)-generated sample status and receipt report, showing field sample identifiers and corresponding laboratory identifiers is also included.

Reports

The hardcopy laboratory reports and electronic data deliverables (EDDs) were prepared using the Promium Element Data System (LIMS). Under the procedure used by the laboratory, the hardcopy reports are generated using information contained in a database, which is also used to generate electronic deliverables to assure data integrity between the two media. The attached report is organized as follows:

Cover Letter
Laboratory Case Narrative
Sample Information
Sample Result Forms, organized in the following order: by test and by sample.

Quality Control (QC) Summary Reports, organized in the following order: by test, by matrix, and by QC batch number. The QC Summary for each analytical batch contains the following, when applicable:

1. QC Association Form
2. Surrogate Recovery Summary, when applicable
3. Method Blank (MB) Results
4. Laboratory Control Sample (LCS) Results
5. LCS duplicate (LCSD) Results, when available
6. LCS Recoveries Summary
7. LCSD (when applicable) Recoveries and RPD Summary
8. Matrix Spike (MS) Results
9. MS duplicate (MSD) Results
10. MS Recoveries Summary
11. MSD Recoveries and RPD Summary

Sample Result Forms
Sample results are shown on modified Form 1 equivalents with the following qualifiers:
U = Not detected or detected below method detection limit (MDL) or the limit of detection (LOD).
J = Detected above MDL or LOD but below the limit of quantitation (LOQ).

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

P = RPD >40% between primary and confirmation column results for dual column chromatographic methods (e.g. GC and HPLC methods).
E = Detected at levels in excess of the upper calibration limit.
B = Detected in the associated method blank
Q1 = The %D or %Drift for the associated CCV is outside the method and/or laboratory established QC limit with a high bias.
Q2 = The %D or %Drift for the associated CCV is outside the method and/or laboratory established QC limit with a low bias.
* = Exceeds QC limits
ME = Marginal exceedence of the 3-sigma QC limits
ME* = Exceedence of the 4-sigma QC limits
X = as defined in the case narrative when utilized

The LODs and LOQs have been adjusted for sample weight or volume, dilution, and percent solids, when applicable. MDLs are statistically defined, instrument-specific quantities, which are used as LODs for some tests. For situations when multiple MDLs exist for a test (e.g several instruments running the same test on a given matrix) or when MDLs are unachievable on a routine basis, LODs, which may be greater than MDL but typically one-half of the applicable LOQs are used to define cut-off points for reporting positive results. The LOQs are typically the lowest point on the initial calibration curve.

Quantitative results for analytes detected in the sample (positive results) are shown under the column labeled "Result". Results coded with the qualifier E should not be used unless additional analyses were unavailable due to other limitations. Data coded as E should not be compared to other data since non-linearity in calibration may be a severe problem for some analytes. Multiple sample result forms may be provided for one or more of the following reasons:
Sample was reanalyzed for surrogate or internal standard recovery outliers;
Sample was reanalyzed at a dilution;
One of the analyses was performed outside holding times;
A replicate analysis was performed for other quality control purposes;
Client requirements

QC Association Forms

The list consisting of MB, LCS, LCSD (if any), MS (whenever available), MSD (whenever available), and field samples from the reported AML work order that are associated with each QC batch are shown on QC Association Forms. Additional items such as PDS, SD may be included for some parameters (e.g metals). Separate forms are included for each QC batch, for each matrix and test.

Surrogate Recovery Forms

A summary of the system monitoring compound recoveries for organic analyses is included in this section. The QC limits from the Department of Defense Quality Systems Manual for Environmental Laboratories, Final Version 3, January 2006 is used in the reports, when available.

Method-specified limits or in-house limits are used as applicable. Corrective action involving re-extraction and/or reanalysis is performed for samples that exceed the surrogate QC limits.

Method Blank Result Forms

The QC limit for the Method Blank is set at one half of the applicable LOQ for each target analyte with the exception of common laboratory contaminants, which is set at the LOQ.

Laboratory Control Sample (LCS) Report Forms

Laboratory control samples were analyzed with each QC batch as described in the QC Association Form. Laboratory Control sample limits are set as a default to the DOD QSM limits when available. When the 3-sigma control limit is exceeded for any analyte, the LCS report is flagged "ME". The total number of method analytes, and the number of ME analytes are tracked and compared against the number allowed per NELAC and the DOD QSM. This information is summarized at the bottom of the recoveries summary reports. Analytes with LCS recoveries that exceed the 4-sigma limits are flagged ME* and reanalysis may be required for the affected analyte if it is a contaminant of concern. The relative percent differences (RPDs) for the LCS duplicates, a voluntary laboratory QC parameter, are computed to track in-house precision for method duplicates.

Matrix Spike/Matrix Spike Duplicate Recoveries Report Forms

The MS/MSD results are shown in Form-1 equivalents. See section on LCS for additional details. The RPDs for MS duplicates that are outside the applicable QC limits are flagged with an asterisk (*). The effect of matrix is taken into account in determining corrective action procedures based on MS and MSD results, recoveries, and RPD.

Calibration

Instruments were calibrated in accordance with applicable method. Deviations are noted as a non-conformance. Copies of initial calibration and calibration verification summaries and associated raw data will be maintained in laboratory files and made available for detailed client review.

Test Methods and Holding Times

Analyses were performed within applicable holding times except as noted on sample reports. See parameter specific non-conformances for more information.

Batch-specific Quality Control Procedures

Quality control data from method blanks and laboratory control samples are used as batch QC elements. In accordance with EPA, USACE, and DoD guidelines, QC data from matrix spikes are used as matrix-specific QC elements and QC data from surrogates, internal standard areas, etc. are used as sample-specific QC elements. When the batch QC elements are outside their QC limits, results for associated samples are evaluated and corrective actions that affect the entire sample set are performed.

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Matrix-specific or Sample-specific Quality Control Procedures

Sample concentrations exceeding the upper calibration limit, surrogate recoveries outside the QC limits, calibration parameters not within QC limits, etc. are used as sample-specific and/or sample-group specific QC elements for one or more associated samples during instrumental analysis. Serial dilution, standard addition, MS recoveries, etc. are used as matrix-specific QC elements for one or more associated samples. When these QC elements are outside their QC limits, associated individual sample results are evaluated and appropriate corrective actions are performed.

Manual Integration

Manual integration operations that have potential to improve accuracy of analysis are performed, as necessary (shown with an “M” flag on raw data) based on visual inspection of peak shapes for each target analyte. Such operations are technically defensible and they are not aimed at meeting the minimum technical requirements of the analytical procedure.

Statement

To the best of our knowledge, this data package is in compliance with the client terms and conditions, both technically and for completeness. Non-conformances are listed in the case narrative and/or data qualifiers for each parameter tested.

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Project Information

Two (2) samples were received by AML on June 11, 2008 and logged in according to the Sample Status and Receipt Report included in this report. Reference the chain of custody and Sample Condition upon receipt Report for any non-conformances on receipt condition and temperature upon receipt.

Observations and Non-Conformances

Cyanide by method 335.2

There were no observations or non-conformances to report for this analysis.

Metals by method 6020A

Batch P806182 – MS/MSD recoveries are outside of QC limits biased low for Thallium due, as flagged on the MS/MSD summary reports. LCS/LCSD recoveries are within QC limits.

Mercury by method 7470A

There were no observations or non-conformances to report for this analysis.

Nitrate/Nitrite by method SM 4500 NO3 E & Nitrate/Nitrite by method 300.0

Both preserved and unpreserved containers were received for Nitrate, only the preserved analysis by SM-4500-NO3 E was performed and reported as Nitrate/Nitrite as it was not able to be completed within the 48 hr analytical hold for Nitrate. Both analyses are reported.

Batch P806313 – The method blank (MB) had low level contamination of Nitrate below the LOQ, but above the LOD at 0.0210 mg/L. Affected samples were "B" flagged and up to 10 times the amount found in the method blank may be attributable to potential laboratory contamination. As the contamination was below the LOD the data is considered acceptable and is reported with the narrative.

PCBs by method 8082

There were no observations or non-conformances to report for this analysis.

Pesticides method 8081B

Batch P806248 - LCS/LCSD and MS/MSD recoveries for delta-BHC are outside QC limits, the marginal exceedences are within the allowed number of outliers for the number of compounds reported.

Sulfide by method 376.2

Batch P806259 – MSD recovery for Sulfide was outside of QC limits biased high due to potential matrix interference. LCS/LCSD and MS recoveries are within QC limits.

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

SVOCs method 8270C

Batch P806289 - LCS/LCSD recoveries are outside QC limits as flagged on summary reports; the marginal exceedences are within the allowed number of outliers for the number of compounds reported. LCS/LCSD is acceptable.

VOCs method 8260B

Compounds outside the laboratory established 20% Drift/Difference for the Continuing Calibration Verification have been flagged. "Q1" Flags indicated that the compound(s) were outside QC limits biased high, and "Q2" flags indicate that the compound(s) were outside QC limits biased low. Compounds are flagged to inform the user of the data that compounds fell outside the 20% criteria. All SPCC/CCC compounds were within QC limits indicating a valid CCV.

Batch P806202 – LCS & MS recoveries are outside QC limits as flagged on summary reports; the marginal exceedences are within the allowed number of outliers for the number of compounds reported. LCS/LCSD & MS/MSD are acceptable.

Subcontracted Analyses

Technical support for the following analyses was provided by Accutest Laboratories, Southeast 4405 Vineland Road, Suite C-15 Orlando, FL 32811**.** The analytical report prepared by the subcontract laboratory is included. EDDs for these parameters provided by Accutest.

Organophosphorous Pesticides

Field Sample Information

(Chain of Custody Record, Sample Receipt Report, Condition Upon Receipt Report)

0806042

(Sample Delivery Group, SDG)

AML
Analytical Management Laboratories, Inc.
15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

42311

Page ____ of ____

Chain of Custody Record / Request for Analysis

Client Contact Name: JUD SMITH
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W OGLETHORPE AVE
City, State, Zip: SAVANNAH, GA 31401
Phone #: 912 6525673 Ext:
Fax #: (912) 652-5311
Email:

Project Name: LONGSTREET LF FT BRAGG
Project Number:
Purchase Order Number: DO 109
Project Due Date:
Project Comments:
Print Sampler's Name: JON COOMBS

Analysis/Method to be Performed (Check all that apply)

Laboratory Project Number: 0806042

Specify method # ---> 8260 8270 8081 8082 3030C

Preservative: List total number of bottles for each preservative type.

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4°C ICE	VOCs	SVOCs	Pesticides	PCBs	Herbicides	Metals (specify) APDI	DRO	GRO	Explosives	Anions (specify)	CYANIDE	NITRATE H_2SO_4	NITRITE ICE			Comments:
0806042-01	SLNW-13-5-08	6/10/08	0840	AQ	11	3	1	1	1			3	2	1	1		1					1	1	1			
2	~~SLNW-13-5-08~~	~~6/10/08~~	~~0840~~	~~AQ~~																							~~HOLD SAMPLE ON 7/09~~
0806042-02	Trip Blank																										
4																											
5																											
6																											
7																											
8																											
9																											
10																											

Please include any information that may be useful in the analysis of the sample.
Example: high concentration
List analytes
MS/MSD

CUSTODY							
Relinquished By:	[signature]	Date/Time:	6/10/08 1330	Received By:	SKIPPER	Date/Time:	6/10/08 1330
Relinquished By:		Date/Time:		Received By:	[signature]	Date/Time:	6/11/08 0915am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier FedEx ☐ Airbill #: 842591972982	☑ Yes ☐ No ☑ Intact ☐ Broken	☐ Ice ☐ Blue Ice ☐ None	1.8 °C ☐ Temp. Blank ☑ Cooler	

AML
Analytical Management Laboratories, Inc.
15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

42295

Chain of Custody Record / Request for Analysis

Client Contact Name: JUD SMITH
Company Name: US ARMY CORPS OF ENGINEER
Address: 100 W OGLETHORPE AVE
City, State, Zip: SAVANNAH, GA 31401
Phone #: (912) 652-5673 Ext:
Fax #: (912) 652-5311
Email:

Project Name: 40th STREET LF FT BRAGG
Project Number:
Purchase Order Number: PO 109
Project Due Date:
Project Comments:
Print Sampler's Name: JON COOMBS

Analysis/Method to be Performed (Check all that apply)

Specify method # --> 8141

Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Other (specify)	4°C ICE	VOCs	SVOCs	Pesticides	PCBs	Herbicides	Metals (specify)	DRO	GRO	Explosives	Anions (specify)	ORGANOPHOSPHORUS			Comments:
SLMW-13-5-08	6/10/08	0840	AQ	2						2											N			

Preservative: List total number of bottles for each preservative type.

Please include any information that may be useful in the analysis of the sample. Example: high concentration, List analytes, MS/MSD

CUSTODY							
Relinquished By:	[signature]	Date/Time:	6/10/08 1330	Received By:	SHIDDER	Date/Time:	6/10/08 1330
Relinquished By:		Date/Time:		Received By:		Date/Time:	

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Analytical Management Laboratories - Sample Status and Receipt Report

AML Project Number	0806042	**Client AML ID**	USACE Savannah	**Report Lvl.** 3
Work Order Due Date	06/25/08	**Client Project ID**	Longstreet LF, Ft Bragg, NC, DO# 109	
Work Order TAT	14			

AML Sample	*Matrix*	Client Sample ID	Date Collected	Projected Analytical Due Date	Analysis	Comments
0806042-01	Water	SLMW-13-5-08	06/10/08 08:40	06/23/08	Metals, Hg by 7470A	
0806042-01	Water	SLMW-13-5-08	06/10/08 08:40	06/23/08	VOCs by 8260B	
0806042-01	Water	SLMW-13-5-08	06/10/08 08:40	06/23/08	8141	
0806042-01	Water	SLMW-13-5-08	06/10/08 08:40	06/23/08	Cyanide by 335.2	
0806042-01	Water	SLMW-13-5-08	06/10/08 08:40	06/23/08	PCBs by 8082	
0806042-01	Water	SLMW-13-5-08	06/10/08 08:40	06/23/08	Sulfide by 376.2	
0806042-01	Water	SLMW-13-5-08	06/10/08 08:40	06/23/08	NO2 and NO3 by 300.0	Nitrate
0806042-01	Water	SLMW-13-5-08	06/10/08 08:40	06/23/08	SVOCs, BNA by 8270C	
0806042-01	Water	SLMW-13-5-08	06/10/08 08:40	06/23/08	Metals by 6010B	Appendix II Metals
0806042-01	Water	SLMW-13-5-08	06/10/08 08:40	06/23/08	Metals by 6020A	Appendix II Metals
0806042-01	Water	SLMW-13-5-08	06/10/08 08:40	06/23/08	Pesticides by 8081B	
0806042-02	Water	Trip Blank	06/10/08 00:00	06/23/08	VOCs by 8260B	

Analytical Management Laboratories, Inc.

AML - Sample Condition Upon Receipt Report
(See Comments for exceptions)

Client ID: USACE_Sav

AML Work Order Number: 0806042

Project ID: Longstreet LF, Ft Bragg, NC, DO# 1

Cooler ID: Default Cooler

Delivery Method

Delivery Method: Fed Ex

Name of Person Receiving Samples: Nissa Said

Airbill Number: 842591972982

Custody Seals

Were Custody Seals Present? Yes

Cooler Opened By: Nissa Said

Were Custody Seals Intact? Yes

Date Opened 6/11/2008

Packaging / Coolant / Temperature

Type of Coolant Used: Ice

Temperature of Cooler: 1.80°C

Type of Packing Used: Bubble Wrap

Did all the bottles arrive unbroken? Yes

Were all bottles sealed in separate plastic bags? Yes

Chain of Custody

Was Chain of Custody filled out properly? Yes

Do Chain of Custody and Sample Labels agree? Yes

Comments/ Exceptions

Were all sample labels complete? Yes

Was a sufficient amount of sample sent for analysis? Yes

Were samples received in proper containers? Yes

Were air bubbles absent in VOA samples? Yes

Was sample pH within QC limits? Yes
(if no see comments)

Was project manager contacted about any "out of control" issues? Yes

Samples Received by: Nissa Said

Project Manager Review: MN

Date: 6/30/08

Analytical Management Laboratories, Inc.
15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

42311

Page ____ of ____

Chain of Custody Record / Request for Analysis

Client Contact Name: JUD SMITH
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W OGLETHORPE AVE
City, State, Zip: SAVANNAH GA 31401
Phone #: 912 6525673 Ext:
Fax #: (912) 652-5311
Email:

Project Name: LONGSTREET AF FT BRAGG
Project Number:
Purchase Order Number: DO 109
Project Due Date:
Project Comments:
Print Sampler's Name: JON COOMBS

Analysis/Method to be Performed (Check all that apply)

Laboratory Project Number: 0806042

Specify method # ---> 8240 8270 8081 8082 3030C

Preservative: List total number of bottles for each preservative type.

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4°C ICE	VOCs	SVOCs	Pesticides	PCBs	Herbicides	Metals (specify) APPII	DRO	GRO	Explosives	Anions (specify)	CYANIDE	NITRATE H_2SO_4	NITRITE ICE			Comments:
0806042-01	SLNW-13-5-08	6/10/08	0840	AQ	11	3	1	1	1			3	2	1	1		1					1	1	1			
2	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~AQ~~																							~~[illegible]~~
0806042-02	Trip Blank																										
4																											
5																											
6																											
7																											
8																											
9																											
10																											

Please include any information that may be useful in the analysis of the sample.
Example: high concentration
List analytes
MS/MSD

CUSTODY							
Relinquished By:	[signature]	Date/Time:	6/10/08 1330	Received By:	SKIPPER	Date/Time:	6/10/08 1330
Relinquished By:		Date/Time:		Received By:	[signature]	Date/Time:	6/11/08 0915am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp	Receiving Comments:
☐ Delivered in Person ☒ Courier FedEx ☐ Airbill # 9425919729982	☒ Yes ☐ No ☒ Intact ☐ Broken	☐ Ice ☐ Blue Ice ☒ None	1.8°C ☐ Temp. Blank ☐ Cooler	

Field Sample Analysis Data Sheets

(Form I equivalents)

0806042

(Sample Delivery Group, SDG)

335.2

(Parameter)

P806315

(Analytical Batch)

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-13-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806042-01
% Solids:	NA	Date Collected:	06/10/08 08:40
Analytical Method:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	06/11/08 09:15
Batch:	P806315	Date Leached:	NA
Leach Method:		Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)		mg/L	U	0.0125	0.0250	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806042

(Sample Delivery Group, SDG)

6020A

(Parameter)

P806182

(Analytical Batch)

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-13-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806042-01
% Solids:	NA	Date Collected:	06/10/08 08:40
Analytical Method:	6020A	Date Analyzed:	06/13/08 18:42
Preparation:	SM3030C	Date Received:	06/11/08 09:15
Batch:	P806182	Date Leached:	NA
Leach Method:		Date Prepared:	06/11/08 09:48

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic	1.45	ug/L	J	1.00	2.00	1
7440-39-3	Barium	5.97	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium	5.63	ug/L		2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel	1.04	ug/L	J	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-31-5	Tin		ug/L	U	2.50	5.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc	11.2	ug/L		5.00	10.0	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806042

(Sample Delivery Group, SDG)

7470A

(Parameter)

P806237

(Analytical Batch)

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-13-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806042-01
% Solids:	NA	Date Collected:	06/10/08 08:40
Analytical Method:	7470A	Date Analyzed:	06/16/08 17:06
Preparation:	EPA 7470A Prep	Date Received:	06/11/08 09:15
Batch:	P806237	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806042

(Sample Delivery Group, SDG)

SM-4500-NO3 E

(Parameter)

P806313

(Analytical Batch)

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-13-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806042-01
% Solids:	NA	Date Collected:	06/10/08 08:40
Analytical Method:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	06/11/08 09:15
Batch:	P806313	Date Leached:	NA
Leach Method:		Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.179	mg/L	B	0.0200	0.0400	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806042

(Sample Delivery Group, SDG)

8082

(Parameter)

P806248

(Analytical Batch)

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-13-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	950 mL / 5.0 mL	Lab Sample ID:	0806042-01
% Solids:	NA	Date Collected:	06/10/08 08:40
Analytical Method:	8082	Date Analyzed:	06/18/08 22:45
Preparation:	EPA 3510C	Date Received:	06/11/08 09:15
Batch:	P806248	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016		ug/L	U	0.211	1.05	1
11104-28-2	Aroclor-1221		ug/L	U	0.211	1.05	1
11141-16-5	Aroclor-1232		ug/L	U	0.211	1.05	1
53469-21-9	Aroclor-1242		ug/L	U	0.211	1.05	1
12672-29-6	Aroclor-1248		ug/L	U	0.211	1.05	1
11097-69-1	Aroclor-1254		ug/L	U	0.211	1.05	1
11096-82-5	Aroclor-1260		ug/L	U	0.211	1.05	1
11100-14-4	Aroclor-1268		ug/L	U	0.211	1.05	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806042

(Sample Delivery Group, SDG)

8081B

(Parameter)

P806248

(Analytical Batch)

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-13-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	950 mL / 5.0 mL	Lab Sample ID:	0806042-01
% Solids:	NA	Date Collected:	06/10/08 08:40
Analytical Method:	8081B	Date Analyzed:	06/17/08 22:37
Preparation:	EPA 3510C	Date Received:	06/11/08 09:15
Batch:	P806248	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD		ug/L	U	0.0263	0.0526	1
72-55-9	4,4'-DDE		ug/L	U	0.0263	0.0526	1
50-29-3	4,4'-DDT		ug/L	U	0.0263	0.0526	1
309-00-2	Aldrin		ug/L	U	0.0132	0.0263	1
319-84-6	alpha-BHC		ug/L	U	0.0132	0.0263	1
57-74-9	Chlordane (Technical)		ug/L	U	0.263	0.526	1
5103-71-9	alpha-Chlordane		ug/L	U	0.0132	0.0263	1
319-84-6	beta-BHC		ug/L	U	0.0132	0.0263	1
319-86-8	delta-BHC		ug/L	U	0.0132	0.0263	1
60-57-1	Dieldrin		ug/L	U	0.0263	0.0526	1
959-98-8	Endosulfan I		ug/L	U	0.0132	0.0263	1
33213-65-9	Endosulfan II		ug/L	U	0.0263	0.0526	1
1031-07-8	Endosulfan sulfate		ug/L	U	0.0263	0.0526	1
72-20-8	Endrin		ug/L	U	0.0263	0.0526	1
7421-93-4	Endrin aldehyde		ug/L	U	0.0263	0.0526	1
53494-70-5	Endrin ketone		ug/L	U	0.0263	0.0526	1
58-89-9	gamma-BHC (Lindane)		ug/L	U	0.0132	0.0263	1
5103-74-2	gamma-Chlordane		ug/L	U	0.0132	0.0263	1
76-44-8	Heptachlor		ug/L	U	0.0132	0.0263	1
1024-57-3	Heptachlor epoxide		ug/L	U	0.0132	0.0263	1
72-43-5	Methoxychlor		ug/L	U	0.132	0.263	1
8001-35-2	Toxaphene		ug/L	U	1.05	2.11	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806042

(Sample Delivery Group, SDG)

376.2

(Parameter)

P806259

(Analytical Batch)

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-13-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	0806042-01
% Solids:	NA	Date Collected:	06/10/08 08:40
Analytical Method:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	06/11/08 09:15
Batch:	P806259	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide		mg/L	U	0.0500	0.178	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806042

(Sample Delivery Group, SDG)

8270C

(Parameter)

P806289

(Analytical Batch)

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-13-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	0806042-01
% Solids:	NA	Date Collected:	06/10/08 08:40
Analytical Method:	8270C	Date Analyzed:	06/23/08 12:42
Preparation:	EPA 3510C	Date Received:	06/11/08 09:15
Batch:	P806289	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.250	10.0	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.230	10.0	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.360	10.0	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol		ug/L	U	0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol		ug/L	U	0.670	10.0	1
120-83-2	2,4-Dichlorophenol		ug/L	U	0.360	10.0	1
105-67-9	2,4-Dimethylphenol		ug/L	U	0.230	10.0	1
51-28-5	2,4-Dinitrophenol		ug/L	U	1.59	10.0	1
121-14-2	2,4-Dinitrotoluene		ug/L	U	0.350	10.0	1
606-20-2	2,6-Dinitrotoluene		ug/L	U	0.240	10.0	1
91-58-7	2-Chloronaphthalene		ug/L	U	0.160	10.0	1
95-57-8	2-Chlorophenol		ug/L	U	0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol		ug/L	U	0.950	10.0	1
91-57-6	2-Methylnaphthalene		ug/L	U	2.62	10.0	1
95-48-7	2-Methylphenol		ug/L	U	0.310	10.0	1
88-74-4	2-Nitroaniline		ug/L	U	0.430	10.0	1
88-75-5	2-Nitrophenol		ug/L	U	0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine		ug/L	U	1.46	10.0	1
99-09-2	3-Nitroaniline		ug/L	U	0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether		ug/L	U	0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol		ug/L	U	0.250	10.0	1
106-47-8	4-Chloroaniline		ug/L	U	0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether		ug/L	U	0.470	10.0	1
100-01-6	4-Nitroaniline		ug/L	U	3.53	10.0	1
100-02-7	4-Nitrophenol		ug/L	U	0.810	10.0	1
83-32-9	Acenaphthene		ug/L	U	0.180	10.0	1
208-96-8	Acenaphthylene		ug/L	U	0.120	10.0	1
120-12-7	Anthracene		ug/L	U	0.220	10.0	1
56-55-3	Benzo(a)anthracene		ug/L	U	0.090	10.0	1
50-32-8	Benzo(a)pyrene		ug/L	U	0.120	10.0	1
205-99-2	Benzo(b)fluoranthene		ug/L	U	0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene		ug/L	U	0.440	10.0	1
207-08-9	Benzo(k)fluoranthene		ug/L	U	0.860	10.0	1
65-85-0	Benzoic acid		ug/L	U	2.35	10.0	1
100-51-6	Benzyl alcohol		ug/L	U	0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane		ug/L	U	0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether		ug/L	U	0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether		ug/L	U	0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate		ug/L	U	0.590	10.0	1
85-68-7	Butyl benzyl phthalate		ug/L	U	0.410	10.0	1
86-74-8	Carbazole		ug/L	U	0.340	10.0	1
218-01-9	Chrysene		ug/L	U	0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene		ug/L	U	2.26	10.0	1
132-64-9	Dibenzofuran		ug/L	U	0.170	10.0	1
84-66-2	Diethyl phthalate		ug/L	U	0.410	10.0	1
131-11-3	Dimethyl phthalate		ug/L	U	0.310	10.0	1
84-74-2	Di-n-butyl phthalate		ug/L	U	0.220	10.0	1
117-84-0	Di-n-octyl phthalate		ug/L	U	1.88	10.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-13-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	0806042-01
% Solids:	NA	Date Collected:	06/10/08 08:40
Analytical Method:	8270C	Date Analyzed:	06/23/08 12:42
Preparation:	EPA 3510C	Date Received:	06/11/08 09:15
Batch:	P806289	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
122-39-4	Diphenylamine		ug/L	U	0.630	10.0	1
206-44-0	Fluoranthene		ug/L	U	0.220	10.0	1
86-73-7	Fluorene		ug/L	U	0.420	10.0	1
118-74-1	Hexachlorobenzene		ug/L	U	0.130	10.0	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene		ug/L	U	0.320	10.0	1
67-72-1	Hexachloroethane		ug/L	U	0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene		ug/L	U	1.56	10.0	1
78-59-1	Isophorone		ug/L	U	0.120	10.0	1
91-20-3	Naphthalene		ug/L	U	0.240	10.0	1
98-95-3	Nitrobenzene		ug/L	U	0.330	10.0	1
62-75-9	N-Nitrosodimethylamine		ug/L	U	0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine		ug/L	U	0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine		ug/L	U	0.140	10.0	1
87-86-5	Pentachlorophenol		ug/L	U	0.300	10.0	1
85-01-8	Phenanthrene		ug/L	U	0.240	10.0	1
108-95-2	Phenol		ug/L	U	0.120	10.0	1
129-00-0	Pyrene		ug/L	U	0.400	10.0	1
34MP	3 & 4 Methylphenol		ug/L	U	4.00	20.0	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806042

(Sample Delivery Group, SDG)

8260B

(Parameter)

P806202

(Analytical Batch)

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-13-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806042-01
% Solids:	NA	Date Collected:	06/10/08 08:40
Analytical Method:	8260B	Date Analyzed:	06/11/08 20:21
Preparation:	EPA 5030B	Date Received:	06/11/08 09:15
Batch:	P806202	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	Q2, U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-13-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806042-01
% Solids:	NA	Date Collected:	06/10/08 08:40
Analytical Method:	8260B	Date Analyzed:	06/11/08 20:21
Preparation:	EPA 5030B	Date Received:	06/11/08 09:15
Batch:	P806202	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Trip Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806042-02
% Solids:	NA	Date Collected:	06/10/08 00:00
Analytical Method:	8260B	Date Analyzed:	06/11/08 19:49
Preparation:	EPA 5030B	Date Received:	06/11/08 09:15
Batch:	P806202	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	Q2, U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone	3.36	ug/L	J	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Trip Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806042-02
% Solids:	NA	Date Collected:	06/10/08 00:00
Analytical Method:	8260B	Date Analyzed:	06/11/08 19:49
Preparation:	EPA 5030B	Date Received:	06/11/08 09:15
Batch:	P806202	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806042

(Sample Delivery Group, SDG)

335.2

(Parameter)

P806315

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** Wet Chemistry

QC Batch: P806315 **Method:** 335.2

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/23/08	6/20/08	0806042-01		SAMPLE	0806042
6/23/08	6/20/08	P806315-BLK1		Method Blank	0806042
6/23/08	6/20/08	P806315-BS1		LCS	0806042
6/23/08	6/20/08	P806315-BSD1		LCS Dup	0806042
6/23/08	6/20/08	P806315-MS1	0806037-02	Matrix Spike	0806042
6/23/08	6/20/08	P806315-MSD1	0806037-02	Matrix Spike Dup	0806042

Form 1 - Equivalent

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806315-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	
Batch:	P806315	Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)		mg/L	U	0.0125	0.0250	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806315-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	
Batch:	P806315	Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)	0.104	mg/L		0.0125	0.0250	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806315-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	
Batch:	P806315	Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)	0.0910	mg/L		0.0125	0.0250	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806315
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Lab Sample ID: ***P806315-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Cyanide (total)	0.100	0.104	104		75	125

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806315
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Lab Sample ID: ***P806315-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Cyanide (total)	0.100	0.0910	91.0		75	125	13.3

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806315-MS1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806315	Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)	0.0900	mg/L		0.0125	0.0250	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806315-MSD1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806315	Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)	0.0990	mg/L		0.0125	0.0250	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806315
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806315-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Cyanide (total)	0	0.100	0.0900	90.0		75	125

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806315

Fraction: WET Matrix: Water

Units: mg/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806315-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Cyanide (total)	0	0.100	0.0990	99.0		9.52		75	125	25

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806042

(Sample Delivery Group, SDG)

6020A

(Parameter)

P806182

(Analytical Batch)

Quality Control Association Form

Lab Name:	Analytical Management Laboratories, Inc.	**Fraction:**	METALS
QC Batch:	P806182	**Method:**	6020A

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/13/08	6/11/08	0806042-01		SAMPLE	0806042
6/13/08	6/13/08	8F13006-SRD1	0806037-02	Serial Dilution	0806042
6/13/08	6/11/08	P806182-BLK1		Method Blank	0806042
6/13/08	6/11/08	P806182-BS1		LCS	0806042
6/13/08	6/11/08	P806182-BSD1		LCS Dup	0806042
6/13/08	6/11/08	P806182-MS1	0806037-02	Matrix Spike	0806042
6/13/08	6/11/08	P806182-MSD1	0806037-02	Matrix Spike Dup	0806042
6/13/08	6/11/08	P806182-PS1	0806037-02	Post Spike	0806042

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806182-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	06/13/08 16:45
Preparation:	SM3030C	Date Received:	
Batch:	P806182	Date Prepared:	06/11/08 09:48

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium		ug/L	U	0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium		ug/L	U	2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7440-02-0	Nickel		ug/L	U	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-31-5	Tin		ug/L	U	2.50	5.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc		ug/L	U	5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806182-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	06/13/08 17:13
Preparation:	SM3030C	Date Received:	
Batch:	P806182	Date Prepared:	06/11/08 09:48

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	49.9	ug/L		0.500	1.00	1
7440-38-2	Arsenic	54.3	ug/L		1.00	2.00	1
7440-39-3	Barium	490	ug/L		0.500	1.00	1
7440-41-7	Beryllium	50.3	ug/L		0.500	1.00	1
7440-43-9	Cadmium	50.9	ug/L		0.500	1.00	1
7440-47-3	Chromium	55.3	ug/L		2.50	5.00	1
7440-48-4	Cobalt	56.5	ug/L		0.500	1.00	1
7440-50-8	Copper	55.6	ug/L		2.50	5.00	1
7439-92-1	Lead	512	ug/L		0.500	1.00	1
7440-02-0	Nickel	56.3	ug/L		1.00	2.00	1
7782-49-2	Selenium	51.7	ug/L		2.00	4.00	1
7440-22-4	Silver	54.0	ug/L		0.500	1.00	1
7440-28-0	Thallium	50.1	ug/L		0.500	1.00	1
7440-31-5	Tin	97.7	ug/L		2.50	5.00	1
7440-62-2	Vanadium	44.6	ug/L		2.50	5.00	1
7440-66-6	Zinc	223	ug/L		5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806182-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	06/13/08 17:21
Preparation:	SM3030C	Date Received:	
Batch:	P806182	Date Prepared:	06/11/08 09:48

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	48.9	ug/L		0.500	1.00	1
7440-38-2	Arsenic	55.0	ug/L		1.00	2.00	1
7440-39-3	Barium	483	ug/L		0.500	1.00	1
7440-41-7	Beryllium	49.8	ug/L		0.500	1.00	1
7440-43-9	Cadmium	50.3	ug/L		0.500	1.00	1
7440-47-3	Chromium	53.6	ug/L		2.50	5.00	1
7440-48-4	Cobalt	56.0	ug/L		0.500	1.00	1
7440-50-8	Copper	54.7	ug/L		2.50	5.00	1
7439-92-1	Lead	514	ug/L		0.500	1.00	1
7440-02-0	Nickel	55.3	ug/L		1.00	2.00	1
7782-49-2	Selenium	52.2	ug/L		2.00	4.00	1
7440-22-4	Silver	53.4	ug/L		0.500	1.00	1
7440-28-0	Thallium	49.6	ug/L		0.500	1.00	1
7440-31-5	Tin	97.3	ug/L		2.50	5.00	1
7440-62-2	Vanadium	42.5	ug/L		2.50	5.00	1
7440-66-6	Zinc	223	ug/L		5.00	10.0	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806182

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806182-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Antimony	50.0	49.9	99.7		80	120
Arsenic	50.0	54.3	109		80	120
Barium	500	490	98.0		80	120
Beryllium	50.0	50.3	101		80	120
Cadmium	50.0	50.9	102		80	120
Chromium	50.0	55.3	111		80	120
Cobalt	50.0	56.5	113		80	120
Copper	50.0	55.6	111		80	120
Lead	500	512	102		80	120
Nickel	50.0	56.3	113		80	120
Selenium	50.0	51.7	103		80	120
Silver	50.0	54.0	108		80	120
Thallium	50.0	50.1	100		80	120
Tin	100	97.7	97.7		80	120
Vanadium	50.0	44.6	89.3		80	120
Zinc	200	223	112		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 16

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806182

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806182-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Antimony	50.0	48.9	97.8		80	120	1.96
Arsenic	50.0	55.0	110		80	120	1.33
Barium	500	483	96.5		80	120	1.53
Beryllium	50.0	49.8	99.6		80	120	1.04
Cadmium	50.0	50.3	101		80	120	1.28
Chromium	50.0	53.6	107		80	120	3.02
Cobalt	50.0	56.0	112		80	120	0.915
Copper	50.0	54.7	109		80	120	1.62
Lead	500	514	103		80	120	0.367
Nickel	50.0	55.3	111		80	120	1.73
Selenium	50.0	52.2	104		80	120	0.789
Silver	50.0	53.4	107		80	120	1.09
Thallium	50.0	49.6	99.2		80	120	0.906
Tin	100	97.3	97.3		80	120	0.366
Vanadium	50.0	42.5	85.0		80	120	4.89
Zinc	200	223	112		80	120	0.132

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 16

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806182-MS1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	6020A	Date Analyzed:	06/13/08 17:48
Preparation:	SM3030C	Date Received:	06/10/08 10:00
Batch:	P806182	Date Prepared:	06/11/08 09:48

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	48.6	ug/L		0.500	1.00	1
7440-38-2	Arsenic	57.0	ug/L		1.00	2.00	1
7440-39-3	Barium	500	ug/L		0.500	1.00	1
7440-41-7	Beryllium	50.5	ug/L		0.500	1.00	1
7440-43-9	Cadmium	51.2	ug/L		0.500	1.00	1
7440-47-3	Chromium	54.3	ug/L		2.50	5.00	1
7440-48-4	Cobalt	58.5	ug/L		0.500	1.00	1
7440-50-8	Copper	58.1	ug/L		2.50	5.00	1
7439-92-1	Lead	466	ug/L		0.500	1.00	1
7440-02-0	Nickel	58.8	ug/L		1.00	2.00	1
7782-49-2	Selenium	57.7	ug/L		2.00	4.00	1
7440-22-4	Silver	50.7	ug/L		0.500	1.00	1
7440-28-0	Thallium	32.9	ug/L		0.500	1.00	1
7440-31-5	Tin	95.1	ug/L		2.50	5.00	1
7440-62-2	Vanadium	40.0	ug/L		2.50	5.00	1
7440-66-6	Zinc	255	ug/L		5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806182-MSD1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	6020A	Date Analyzed:	06/13/08 17:56
Preparation:	SM3030C	Date Received:	06/10/08 10:00
Batch:	P806182	Date Prepared:	06/11/08 09:48

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	48.0	ug/L		0.500	1.00	1
7440-38-2	Arsenic	56.8	ug/L		1.00	2.00	1
7440-39-3	Barium	495	ug/L		0.500	1.00	1
7440-41-7	Beryllium	51.8	ug/L		0.500	1.00	1
7440-43-9	Cadmium	49.5	ug/L		0.500	1.00	1
7440-47-3	Chromium	53.7	ug/L		2.50	5.00	1
7440-48-4	Cobalt	59.3	ug/L		0.500	1.00	1
7440-50-8	Copper	58.7	ug/L		2.50	5.00	1
7439-92-1	Lead	459	ug/L		0.500	1.00	1
7440-02-0	Nickel	59.2	ug/L		1.00	2.00	1
7782-49-2	Selenium	56.5	ug/L		2.00	4.00	1
7440-22-4	Silver	49.6	ug/L		0.500	1.00	1
7440-28-0	Thallium	33.4	ug/L		0.500	1.00	1
7440-31-5	Tin	94.3	ug/L		2.50	5.00	1
7440-62-2	Vanadium	41.0	ug/L		2.50	5.00	1
7440-66-6	Zinc	256	ug/L		5.00	10.0	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806182

Fraction: METALS Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806182-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Antimony	0	50.0	48.6	97.3		75	125
Arsenic	1.92	50.0	57.0	110		75	125
Barium	36.8	500	500	92.5		75	125
Beryllium	0	50.0	50.5	101		75	125
Cadmium	0	50.0	51.2	102		75	125
Chromium	5.66	50.0	54.3	97.3		75	125
Cobalt	1.48	50.0	58.5	114		75	125
Copper	0	50.0	58.1	116		75	125
Lead	0	500	466	93.2		75	125
Nickel	3.10	50.0	58.8	111		75	125
Selenium	0	50.0	57.7	115		75	125
Silver	0	50.0	50.7	101		75	125
Thallium	0	50.0	32.9	65.8	ME*	75	125
Tin	0	100	95.1	95.1		75	125
Vanadium	0	50.0	40.0	79.9		75	125
Zinc	13.1	200	255	121		75	125

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806182

Fraction: METALS Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806182-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Antimony	0	50.0	48.0	96.0		1.36		75	125	20
Arsenic	1.92	50.0	56.8	110		0.379		75	125	20
Barium	36.8	500	495	91.6		0.985		75	125	20
Beryllium	0	50.0	51.8	104		2.51		75	125	20
Cadmium	0	50.0	49.5	98.9		3.42		75	125	20
Chromium	5.66	50.0	53.7	96.2		1.03		75	125	20
Cobalt	1.48	50.0	59.3	116		1.38		75	125	20
Copper	0	50.0	58.7	117		1.10		75	125	20
Lead	0	500	459	91.7		1.56		75	125	20
Nickel	3.10	50.0	59.2	112		0.601		75	125	20
Selenium	0	50.0	56.5	113		2.10		75	125	20
Silver	0	50.0	49.6	99.3		2.15		75	125	20
Thallium	0	50.0	33.4	66.7	ME*	1.42		75	125	20
Tin	0	100	94.3	94.3		0.871		75	125	20
Vanadium	0	50.0	41.0	82.1		2.67		75	125	20
Zinc	13.1	200	256	121		0.0858		75	125	20

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Post Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806182-PS1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	6020A	Date Collected:	06/09/08 09:15
Preparation:	SM3030C	Date Analyzed:	06/13/08 18:03
Batch:	P806182	Date Received:	06/10/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	47.7	ug/L		0.500	1.00	1
7440-38-2	Arsenic	55.7	ug/L		1.00	2.00	1
7440-39-3	Barium	483	ug/L		0.500	1.00	1
7440-41-7	Beryllium	51.9	ug/L		0.500	1.00	1
7440-43-9	Cadmium	49.6	ug/L		0.500	1.00	1
7440-47-3	Chromium	52.1	ug/L		2.50	5.00	1
7440-48-4	Cobalt	57.6	ug/L		0.500	1.00	1
7440-50-8	Copper	57.8	ug/L		2.50	5.00	1
7439-92-1	Lead	457	ug/L		0.500	1.00	1
7440-02-0	Nickel	58.6	ug/L		1.00	2.00	1
7782-49-2	Selenium	55.6	ug/L		2.00	4.00	1
7440-22-4	Silver	51.6	ug/L		0.500	1.00	1
7440-28-0	Thallium	44.3	ug/L		0.500	1.00	1
7440-31-5	Tin	93.6	ug/L		2.50	5.00	1
7440-62-2	Vanadium	40.1	ug/L		2.50	5.00	1
7440-66-6	Zinc	252	ug/L		5.00	10.0	1

Form 5B - Equivalent

POST DIGESTION SPIKE SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc.

Fraction: METALS

Analytical Batch: 8F13006

Prep Batch: P806182

COMPOUND	Original Amount	SPIKE ADDED	PDS Amount	PDS % REC	PDS % REC FLAG	QC. LIMITS LCL	QC. LIMITS UCL
Antimony	ND	50.0	47.7	95.4		75	125
Arsenic	1.92	50.0	55.7	107		75	125
Barium	36.8	500	483	89.3		75	125
Beryllium	ND	50.0	51.9	104		75	125
Cadmium	ND	50.0	49.6	99.3		75	125
Chromium	5.66	50.0	52.1	92.9		75	125
Cobalt	1.48	50.0	57.6	112		75	125
Copper	ND	50.0	57.8	116		75	125
Lead	ND	500	457	91.4		75	125
Nickel	3.10	50.0	58.6	111		75	125
Selenium	ND	50.0	55.6	111		75	125
Silver	ND	50.0	51.6	103		75	125
Thallium	ND	50.0	44.3	88.6		75	125
Tin	ND	100	93.6	93.6		75	125
Vanadium	ND	50.0	40.1	80.2		75	125
Zinc	13.1	200	252	119		75	125

* Values outside of QC limits

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Serial Dilution
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	8F13006-SRD1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	6020A	Date Collected:	06/09/08 09:15
Preparation:	P806182	Date Analyzed:	06/13/08 17:42
Batch:	8F13006	Date Received:	06/10/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	2.50	5.00	5
7440-38-2	Arsenic		ug/L	U	5.00	10.0	5
7440-39-3	Barium	37.4	ug/L		2.50	5.00	5
7440-41-7	Beryllium		ug/L	U	2.50	5.00	5
7440-43-9	Cadmium		ug/L	U	2.50	5.00	5
7440-47-3	Chromium		ug/L	U	12.5	25.0	5
7440-48-4	Cobalt		ug/L	U	2.50	5.00	5
7440-50-8	Copper		ug/L	U	12.5	25.0	5
7439-92-1	Lead		ug/L	U	2.50	5.00	5
7440-02-0	Nickel		ug/L	U	5.00	10.0	5
7782-49-2	Selenium		ug/L	U	10.0	20.0	5
7440-22-4	Silver		ug/L	U	2.50	5.00	5
7440-28-0	Thallium		ug/L	U	2.50	5.00	5
7440-31-5	Tin		ug/L	U	12.5	25.0	5
7440-62-2	Vanadium		ug/L	U	12.5	25.0	5
7440-66-6	Zinc		ug/L	U	25.0	50.0	5

Form 8 - Equivalent

PERCENT DIFFERENCE FOR SERIAL DILUTION SAMPLE

Lab Name: Analytical Management Laboratories, Inc. Analytical Batch: 8F13006

Fraction: METALS

Orig HSN: 0806037-02 **SD HSN:** 8F13006-SRD1

Orig Dil: 1 **SD Dil:** 5

COMPOUND	Original Amount	SD Amount	%D	QC FLAG	QC. LIMIT UCL
Antimony	U	U	NA		10
Arsenic	1.92	U	NA		10
Barium	36.8	37.4	1.63		10
Beryllium	U	U	NA		10
Cadmium	U	U	NA		10
Chromium	5.66	U	NA		10
Cobalt	1.48	U	NA		10
Copper	U	U	NA		10
Lead	U	U	NA		10
Nickel	3.10	U	NA		10
Selenium	U	U	NA		10
Silver	U	U	NA		10
Thallium	U	U	NA		10
Tin	U	U	NA		10
Vanadium	U	U	NA		10
Zinc	13.1	U	NA		10

* Values outside of QC limits

NA = Not Applicable

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806042

(Sample Delivery Group, SDG)

7470A

(Parameter)

P806237

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** METALS

QC Batch: P806237 **Method:** 7470A

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/16/08	6/16/08	0806042-01		SAMPLE	0806042
6/16/08	6/16/08	P806237-BLK1		Method Blank	0806042
6/16/08	6/16/08	P806237-BLK2		Method Blank	0806042
6/16/08	6/16/08	P806237-BS1		LCS	0806042
6/16/08	6/16/08	P806237-BSD1		LCS Dup	0806042
6/16/08	6/16/08	P806237-MS1	0806037-02	Matrix Spike	0806042
6/16/08	6/16/08	P806237-MS2	0806051-07	Matrix Spike	0806042
6/16/08	6/16/08	P806237-MSD1	0806037-02	Matrix Spike Dup	0806042
6/16/08	6/16/08	P806237-MSD2	0806051-07	Matrix Spike Dup	0806042
6/16/08	6/16/08	P806237-PS1	0806037-02	Post Spike	0806042
6/16/08	6/16/08	P806237-PS2	0806051-07	Post Spike	0806042

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806237-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 16:37
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806237-BLK2
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 17:14
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806237-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 16:39
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.96	ug/L		0.102	0.204	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806237-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 16:41
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.89	ug/L		0.102	0.204	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806237
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Lab Sample ID: ***P806237-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Mercury	2.04	1.96	96.0		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806237
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Lab Sample ID: ***P806237-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Mercury	2.04	1.89	92.5		80	120	3.71

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806237-MS1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 16:47
Preparation:	EPA 7470A Prep	Date Received:	06/10/08 10:00
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.98	ug/L		0.102	0.204	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806237-MS2
% Solids:	NA	Date Collected:	06/10/08 13:05
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 17:39
Preparation:	EPA 7470A Prep	Date Received:	06/12/08 09:30
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.95	ug/L		0.102	0.204	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806237-MSD1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 16:49
Preparation:	EPA 7470A Prep	Date Received:	06/10/08 10:00
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.96	ug/L		0.102	0.204	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806237-MSD2
% Solids:	NA	Date Collected:	06/10/08 13:05
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 17:41
Preparation:	EPA 7470A Prep	Date Received:	06/12/08 09:30
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.96	ug/L		0.102	0.204	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806237
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806237-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Mercury	0	2.04	1.98	97.0		80	120

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806237
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Original Sample ***0806051-07*** ***Lab Sample ID for MS :*** ***P806237-MS2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Mercury	0	2.04	1.95	95.5		80	120

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806237
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806237-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Mercury	0	2.04	1.96	96.0		1.04		80	120	20

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806237
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Original Sample ***0806051-07*** ***Lab Sample ID for MSD*** ***P806237-MSD2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Mercury	0	2.04	1.96	96.0		0.522		80	120	20

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Post Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806237-PS1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	7470A	Date Collected:	06/09/08 09:15
Preparation:	EPA 7470A Prep	Date Analyzed:	06/16/08 16:54
Batch:	P806237	Date Received:	06/10/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.37	ug/L		0.100	0.200	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Post Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806237-PS2
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	7470A	Date Collected:	06/10/08 13:05
Preparation:	EPA 7470A Prep	Date Analyzed:	06/16/08 17:43
Batch:	P806237	Date Received:	06/12/08 09:30

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.34	ug/L		0.100	0.200	1

Form 5B - Equivalent

POST DIGESTION SPIKE SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc.

Fraction: METALS

Analytical Batch: 8F16004

Prep Batch: P806237

COMPOUND	Original Amount	SPIKE ADDED	PDS Amount	PDS % REC	PDS % REC FLAG	QC. LIMITS LCL	QC. LIMITS UCL
Mercury	ND	2.00	2.37	118		80	120

* Values outside of QC limits

Form 5B - Equivalent

POST DIGESTION SPIKE SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc.

Fraction: METALS

Analytical Batch: 8F16004

Prep Batch: P806237

COMPOUND	Original Amount	SPIKE ADDED	PDS Amount	PDS % REC	PDS % REC FLAG	QC. LIMITS LCL	QC. LIMITS UCL
Mercury	ND	2.00	2.34	117		80	120

* Values outside of QC limits

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806042

(Sample Delivery Group, SDG)

SM-4500-NO3 E

(Parameter)

P806313

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc.
QC Batch: P806313
Fraction: Wet Chemistry
Method: SM-4500-NO3 E

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/25/08	6/24/08	0806042-01		SAMPLE	0806042
6/25/08	6/24/08	P806313-BLK1		Method Blank	0806042
6/25/08	6/24/08	P806313-BS1		LCS	0806042
6/25/08	6/24/08	P806313-BSD1		LCS Dup	0806042
6/25/08	6/24/08	P806313-MS1	0806037-02	Matrix Spike	0806042
6/25/08	6/24/08	P806313-MSD1	0806037-02	Matrix Spike Dup	0806042

Form 1 - Equivalent

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806313-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	
Batch:	P806313	Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.0210	mg/L	B, J	0.0200	0.0400	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806313-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	
Batch:	P806313	Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.345	mg/L	B	0.0200	0.0400	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806313-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	
Batch:	P806313	Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.360	mg/L	B	0.0200	0.0400	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806313
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Lab Sample ID: ***P806313-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Nitrate/Nitrite as N	0.300	0.345	115		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806313

Fraction: WET Matrix: Water

Units: mg/L

Lab Sample ID: ***P806313-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Nitrate/Nitrite as N	0.300	0.360	120		80	120	4.26

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806313-MS1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	06/10/08 10:00
Batch:	P806313	Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.339	mg/L	B	0.0200	0.0400	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806313-MSD1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	06/10/08 10:00
Batch:	P806313	Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.315	mg/L	B	0.0200	0.0400	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806313
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806313-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Nitrate/Nitrite as N	0.0710	0.300	0.339	89.3		80	120

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806313
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806313-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Nitrate/Nitrite as N	0.0710	0.300	0.315	81.3		7.34		80	120	20

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806042

(Sample Delivery Group, SDG)

8082

(Parameter)

P806248

(Analytical Batch)

Quality Control Association Form

Lab Name:	Analytical Management Laboratories, Inc.	**Fraction:**	GC
QC Batch:	P806248	**Method:**	8082

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/18/08	6/13/08	0806042-01		SAMPLE	0806042
6/18/08	6/13/08	P806248-BLK1		Method Blank	0806042
6/18/08	6/13/08	P806248-BS2		LCS	0806042
6/18/08	6/13/08	P806248-BSD2		LCS Dup	0806042
6/18/08	6/13/08	P806248-MS2	0806037-02	Matrix Spike	0806042
6/18/08	6/13/08	P806248-MSD2	0806037-02	Matrix Spike Dup	0806042

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806248

SLMW-13-5-08 (0806042-01)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
DCB	77.7	40	135	

Blank (P806248-BLK1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
DCB	95.5	40	135	

LCS (P806248-BS2)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
DCB	80.9	40	135	

LCS Dup (P806248-BSD2)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
DCB	79.3	40	135	

Matrix Spike (P806248-MS2)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
DCB	54.3	40	135	

Matrix Spike Dup (P806248-MSD2)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
DCB	51.5	40	135	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8082	Date Analyzed:	06/18/08 20:37
Preparation:	EPA 3510C	Date Received:	
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016		ug/L	U	0.200	1.00	1
11104-28-2	Aroclor-1221		ug/L	U	0.200	1.00	1
11141-16-5	Aroclor-1232		ug/L	U	0.200	1.00	1
53469-21-9	Aroclor-1242		ug/L	U	0.200	1.00	1
12672-29-6	Aroclor-1248		ug/L	U	0.200	1.00	1
11097-69-1	Aroclor-1254		ug/L	U	0.200	1.00	1
11096-82-5	Aroclor-1260		ug/L	U	0.200	1.00	1
11100-14-4	Aroclor-1268		ug/L	U	0.200	1.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-BS2
% Solids:	NA	Date Collected:	
Analytical Methdod:	8082	Date Analyzed:	06/18/08 20:51
Preparation:	EPA 3510C	Date Received:	
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016	2.57	ug/L		0.200	1.00	1
11096-82-5	Aroclor-1260	2.44	ug/L		0.200	1.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-BSD2
% Solids:	NA	Date Collected:	
Analytical Methdod:	8082	Date Analyzed:	06/18/08 21:05
Preparation:	EPA 3510C	Date Received:	
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016	2.59	ug/L		0.200	1.00	1
11096-82-5	Aroclor-1260	2.41	ug/L		0.200	1.00	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806248
Fraction:	GC	Matrix:	Water
Units:	ug/L		

Lab Sample ID: ***P806248-BS2***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Aroclor-1016	3.00	2.57	85.6		25	145
Aroclor-1260	3.00	2.44	81.4		30	145

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 2

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806248

Fraction: GC Matrix: Water

Units: ug/L

Lab Sample ID: ***P806248-BSD2***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Aroclor-1016	3.00	2.59	86.5		25	145	0.327
Aroclor-1260	3.00	2.41	80.2		30	145	1.47

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 2

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	980 mL / 5.0 mL	Lab Sample ID:	P806248-MS2
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8082	Date Analyzed:	06/18/08 21:20
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016	2.42	ug/L		0.204	1.02	1
11096-82-5	Aroclor-1260	2.14	ug/L		0.204	1.02	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-MSD2
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8082	Date Analyzed:	06/18/08 21:34
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016	1.96	ug/L		0.200	1.00	1
11096-82-5	Aroclor-1260	1.81	ug/L		0.200	1.00	1

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806248
Fraction:	GC	Matrix:	Water
Units:	ug/L		

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806248-MS2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Aroclor-1016	0	3.06	2.42	79.0		25	145
Aroclor-1260	0	3.06	2.14	69.8		30	145

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806248

Fraction: GC Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806248-MSD2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Aroclor-1016	0	3.00	1.96	65.4		20.8		25	145	40
Aroclor-1260	0	3.00	1.81	60.2		16.8		30	145	40

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806042

(Sample Delivery Group, SDG)

8081B

(Parameter)

P806248

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** PEST

QC Batch: P806248 **Method:** 8081B

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/17/08	6/13/08	0806042-01		SAMPLE	0806042
6/17/08	6/13/08	P806248-BLK1		Method Blank	0806042
6/17/08	6/13/08	P806248-BS1		LCS	0806042
6/17/08	6/13/08	P806248-BSD1		LCS Dup	0806042
6/17/08	6/13/08	P806248-MS1	0806037-02	Matrix Spike	0806042
6/17/08	6/13/08	P806248-MSD1	0806037-02	Matrix Spike Dup	0806042

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806248

SLMW-13-5-08 (0806042-01)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	76.8	30	135	
TCMX	104	25	140	

Blank (P806248-BLK1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	101	30	135	
TCMX	97.2	25	140	

LCS (P806248-BS1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	87.5	30	135	
TCMX	95.2	25	140	

LCS Dup (P806248-BSD1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	88.6	30	135	
TCMX	87.2	25	140	

Matrix Spike (P806248-MS1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	84.7	30	135	
TCMX	105	25	140	

Matrix Spike Dup (P806248-MSD1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	87.4	30	135	
TCMX	102	25	140	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8081B	Date Analyzed:	06/17/08 19:33
Preparation:	EPA 3510C	Date Received:	
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD		ug/L	U	0.0250	0.0500	1
72-55-9	4,4'-DDE		ug/L	U	0.0250	0.0500	1
50-29-3	4,4'-DDT		ug/L	U	0.0250	0.0500	1
309-00-2	Aldrin		ug/L	U	0.0125	0.0250	1
319-84-6	alpha-BHC		ug/L	U	0.0125	0.0250	1
57-74-9	Chlordane (Technical)		ug/L	U	0.250	0.500	1
5103-71-9	alpha-Chlordane		ug/L	U	0.0125	0.0250	1
319-85-7	beta-BHC		ug/L	U	0.0125	0.0250	1
319-86-8	delta-BHC		ug/L	U	0.0125	0.0250	1
60-57-1	Dieldrin		ug/L	U	0.0250	0.0500	1
959-98-8	Endosulfan I		ug/L	U	0.0125	0.0250	1
33213-65-9	Endosulfan II		ug/L	U	0.0250	0.0500	1
1031-07-8	Endosulfan sulfate		ug/L	U	0.0250	0.0500	1
72-20-8	Endrin		ug/L	U	0.0250	0.0500	1
7421-93-4	Endrin aldehyde		ug/L	U	0.0250	0.0500	1
53494-70-5	Endrin ketone		ug/L	U	0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)		ug/L	U	0.0125	0.0250	1
5103-74-2	gamma-Chlordane		ug/L	U	0.0125	0.0250	1
76-44-8	Heptachlor		ug/L	U	0.0125	0.0250	1
1024-57-3	Heptachlor epoxide		ug/L	U	0.0125	0.0250	1
72-43-5	Methoxychlor		ug/L	U	0.125	0.250	1
8001-35-2	Toxaphene		ug/L	U	1.00	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8081B	Date Analyzed:	06/17/08 19:47
Preparation:	EPA 3510C	Date Received:	
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD	0.703	ug/L		0.0250	0.0500	1
72-55-9	4,4'-DDE	0.666	ug/L		0.0250	0.0500	1
50-29-3	4,4'-DDT	0.644	ug/L		0.0250	0.0500	1
309-00-2	Aldrin	0.252	ug/L		0.0125	0.0250	1
319-84-6	alpha-BHC	0.333	ug/L		0.0125	0.0250	1
5103-71-9	alpha-Chlordane	0.319	ug/L		0.0125	0.0250	1
319-84-6	beta-BHC	0.344	ug/L		0.0125	0.0250	1
319-86-8	delta-BHC	0.156	ug/L		0.0125	0.0250	1
60-57-1	Dieldrin	0.692	ug/L		0.0250	0.0500	1
959-98-8	Endosulfan I	0.335	ug/L		0.0125	0.0250	1
33213-65-9	Endosulfan II	0.694	ug/L		0.0250	0.0500	1
1031-07-8	Endosulfan sulfate	0.601	ug/L		0.0250	0.0500	1
72-20-8	Endrin	0.696	ug/L		0.0250	0.0500	1
7421-93-4	Endrin aldehyde	0.693	ug/L		0.0250	0.0500	1
53494-70-5	Endrin ketone	0.683	ug/L		0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)	0.329	ug/L		0.0125	0.0250	1
5103-74-2	gamma-Chlordane	0.312	ug/L		0.0125	0.0250	1
76-44-8	Heptachlor	0.276	ug/L		0.0125	0.0250	1
1024-57-3	Heptachlor epoxide	0.332	ug/L		0.0125	0.0250	1
72-43-5	Methoxychlor	3.33	ug/L		0.125	0.250	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8081B	Date Analyzed:	06/17/08 20:01
Preparation:	EPA 3510C	Date Received:	
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD	0.646	ug/L		0.0250	0.0500	1
72-55-9	4,4'-DDE	0.617	ug/L		0.0250	0.0500	1
50-29-3	4,4'-DDT	0.593	ug/L		0.0250	0.0500	1
309-00-2	Aldrin	0.230	ug/L		0.0125	0.0250	1
319-84-6	alpha-BHC	0.300	ug/L		0.0125	0.0250	1
5103-71-9	alpha-Chlordane	0.291	ug/L		0.0125	0.0250	1
319-84-6	beta-BHC	0.309	ug/L		0.0125	0.0250	1
319-86-8	delta-BHC	0.140	ug/L		0.0125	0.0250	1
60-57-1	Dieldrin	0.630	ug/L		0.0250	0.0500	1
959-98-8	Endosulfan I	0.303	ug/L		0.0125	0.0250	1
33213-65-9	Endosulfan II	0.632	ug/L		0.0250	0.0500	1
1031-07-8	Endosulfan sulfate	0.545	ug/L		0.0250	0.0500	1
72-20-8	Endrin	0.633	ug/L		0.0250	0.0500	1
7421-93-4	Endrin aldehyde	0.624	ug/L		0.0250	0.0500	1
53494-70-5	Endrin ketone	0.616	ug/L		0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)	0.304	ug/L		0.0125	0.0250	1
5103-74-2	gamma-Chlordane	0.286	ug/L		0.0125	0.0250	1
76-44-8	Heptachlor	0.255	ug/L		0.0125	0.0250	1
1024-57-3	Heptachlor epoxide	0.301	ug/L		0.0125	0.0250	1
72-43-5	Methoxychlor	3.02	ug/L		0.125	0.250	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806248

Fraction: PEST Matrix: Water

Units: ug/L

Lab Sample ID: ***P806248-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
4,4'-DDD	0.700	0.703	100		25	150
4,4'-DDE	0.700	0.666	95.1		35	140
4,4'-DDT	0.700	0.644	92.0		45	140
Aldrin	0.350	0.252	71.9		25	140
alpha-BHC	0.350	0.333	95.0		60	130
alpha-Chlordane	0.350	0.319	91.0		65	125
beta-BHC	0.350	0.344	98.3		65	125
delta-BHC	0.350	0.156	44.5	ME	45	135
Dieldrin	0.700	0.692	98.9		60	130
Endosulfan I	0.350	0.335	95.8		50	110
Endosulfan II	0.700	0.694	99.2		30	130
Endosulfan sulfate	0.700	0.601	85.8		55	135
Endrin	0.700	0.696	99.5		55	135
Endrin aldehyde	0.700	0.693	99.1		55	135
Endrin ketone	0.700	0.683	97.5		75	125
gamma-BHC (Lindane)	0.350	0.329	94.1		25	135
gamma-Chlordane	0.350	0.312	89.0		60	125
Heptachlor	0.350	0.276	78.9		40	130
Heptachlor epoxide	0.350	0.332	94.8		60	130
Methoxychlor	3.50	3.33	95.0		55	150

Actual Number of Marginal Exceedences: 1

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 20

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806248

Fraction: PEST Matrix: Water

Units: ug/L

Lab Sample ID: ***P806248-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
4,4'-DDD	0.700	0.646	92.3		25	150	8.46
4,4'-DDE	0.700	0.617	88.1		35	140	7.69
4,4'-DDT	0.700	0.593	84.8		45	140	8.22
Aldrin	0.350	0.230	65.6		25	140	9.18
alpha-BHC	0.350	0.300	85.8		60	130	10.2
alpha-Chlordane	0.350	0.291	83.2		65	125	8.99
beta-BHC	0.350	0.309	88.3		65	125	10.7
delta-BHC	0.350	0.140	40.0	ME	45	135	10.6
Dieldrin	0.700	0.630	90.0		60	130	9.45
Endosulfan I	0.350	0.303	86.7		50	110	10.0
Endosulfan II	0.700	0.632	90.2		30	130	9.46
Endosulfan sulfate	0.700	0.545	77.9		55	135	9.70
Endrin	0.700	0.633	90.4		55	135	9.57
Endrin aldehyde	0.700	0.624	89.1		55	135	10.6
Endrin ketone	0.700	0.616	88.0		75	125	10.2
gamma-BHC (Lindane)	0.350	0.304	86.8		25	135	8.09
gamma-Chlordane	0.350	0.286	81.8		60	125	8.48
Heptachlor	0.350	0.255	72.9		40	130	7.94
Heptachlor epoxide	0.350	0.301	85.9		60	130	9.78
Methoxychlor	3.50	3.02	86.3		55	150	9.64

Actual Number of Marginal Exceedences: 1

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 20

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	950 mL / 5.0 mL	Lab Sample ID:	P806248-MS1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8081B	Date Analyzed:	06/17/08 20:44
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD	0.728	ug/L		0.0263	0.0526	1
72-55-9	4,4'-DDE	0.711	ug/L		0.0263	0.0526	1
50-29-3	4,4'-DDT	0.676	ug/L		0.0263	0.0526	1
309-00-2	Aldrin	0.298	ug/L		0.0132	0.0263	1
319-84-6	alpha-BHC	0.340	ug/L		0.0132	0.0263	1
5103-71-9	alpha-Chlordane	0.336	ug/L		0.0132	0.0263	1
319-84-6	beta-BHC	0.351	ug/L		0.0132	0.0263	1
319-86-8	delta-BHC	0.160	ug/L		0.0132	0.0263	1
60-57-1	Dieldrin	0.716	ug/L		0.0263	0.0526	1
959-98-8	Endosulfan I	0.346	ug/L		0.0132	0.0263	1
33213-65-9	Endosulfan II	0.715	ug/L		0.0263	0.0526	1
1031-07-8	Endosulfan sulfate	0.617	ug/L		0.0263	0.0526	1
72-20-8	Endrin	0.722	ug/L		0.0263	0.0526	1
7421-93-4	Endrin aldehyde	0.704	ug/L		0.0263	0.0526	1
53494-70-5	Endrin ketone	0.702	ug/L		0.0263	0.0526	1
58-89-9	gamma-BHC (Lindane)	0.337	ug/L		0.0132	0.0263	1
5103-74-2	gamma-Chlordane	0.336	ug/L		0.0132	0.0263	1
76-44-8	Heptachlor	0.323	ug/L		0.0132	0.0263	1
1024-57-3	Heptachlor epoxide	0.632	ug/L		0.0132	0.0263	1
72-43-5	Methoxychlor	3.45	ug/L		0.132	0.263	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-MSD1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8081B	Date Analyzed:	06/17/08 20:58
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD	0.681	ug/L		0.0250	0.0500	1
72-55-9	4,4'-DDE	0.669	ug/L		0.0250	0.0500	1
50-29-3	4,4'-DDT	0.636	ug/L		0.0250	0.0500	1
309-00-2	Aldrin	0.280	ug/L		0.0125	0.0250	1
319-84-6	alpha-BHC	0.317	ug/L		0.0125	0.0250	1
5103-71-9	alpha-Chlordane	0.317	ug/L		0.0125	0.0250	1
319-84-6	beta-BHC	0.327	ug/L		0.0125	0.0250	1
319-86-8	delta-BHC	0.151	ug/L		0.0125	0.0250	1
60-57-1	Dieldrin	0.671	ug/L		0.0250	0.0500	1
959-98-8	Endosulfan I	0.324	ug/L		0.0125	0.0250	1
33213-65-9	Endosulfan II	0.668	ug/L		0.0250	0.0500	1
1031-07-8	Endosulfan sulfate	0.579	ug/L		0.0250	0.0500	1
72-20-8	Endrin	0.676	ug/L		0.0250	0.0500	1
7421-93-4	Endrin aldehyde	0.657	ug/L		0.0250	0.0500	1
53494-70-5	Endrin ketone	0.664	ug/L		0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)	0.315	ug/L		0.0125	0.0250	1
5103-74-2	gamma-Chlordane	0.316	ug/L		0.0125	0.0250	1
76-44-8	Heptachlor	0.303	ug/L		0.0125	0.0250	1
1024-57-3	Heptachlor epoxide	0.645	ug/L		0.0125	0.0250	1
72-43-5	Methoxychlor	3.22	ug/L		0.125	0.250	1

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806248

Fraction: PEST Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806248-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
4,4'-DDD	0	0.737	0.728	98.8		25	150
4,4'-DDE	0	0.737	0.711	96.6		35	140
4,4'-DDT	0	0.737	0.676	91.8		45	140
Aldrin	0	0.368	0.298	80.9		25	140
alpha-BHC	0	0.368	0.340	92.4		60	130
alpha-Chlordane	0	0.368	0.336	91.3		65	125
beta-BHC	0	0.368	0.351	95.4		65	125
delta-BHC	0	0.368	0.160	43.5	ME	45	135
Dieldrin	0	0.737	0.716	97.2		60	130
Endosulfan I	0	0.368	0.346	93.8		50	110
Endosulfan II	0	0.737	0.715	97.1		30	130
Endosulfan sulfate	0	0.737	0.617	83.8		55	135
Endrin	0	0.737	0.722	98.0		55	135
Endrin aldehyde	0	0.737	0.704	95.6		55	135
Endrin ketone	0	0.737	0.702	95.2		75	125
gamma-BHC (Lindane)	0	0.368	0.337	91.5		25	135
gamma-Chlordane	0	0.368	0.336	91.1		60	125
Heptachlor	0	0.368	0.323	87.7		40	130
Heptachlor epoxide	0.318	0.368	0.632	85.3		60	130
Methoxychlor	0	3.68	3.45	93.6		55	150

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806248

Fraction: PEST Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806248-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
4,4'-DDD	0	0.700	0.681	97.3		6.64		25	150	50
4,4'-DDE	0	0.700	0.669	95.6		6.08		35	140	50
4,4'-DDT	0	0.700	0.636	90.8		6.19		45	140	50
Aldrin	0	0.350	0.280	80.0		6.18		25	140	50
alpha-BHC	0	0.350	0.317	90.7		6.93		60	130	50
alpha-Chlordane	0	0.350	0.317	90.5		6.03		65	125	50
beta-BHC	0	0.350	0.327	93.4		7.21		65	125	50
delta-BHC	0	0.350	0.151	43.1	ME	6.11		45	135	50
Dieldrin	0	0.700	0.671	95.9		6.47		60	130	50
Endosulfan I	0	0.350	0.324	92.5		6.50		50	110	50
Endosulfan II	0	0.700	0.668	95.4		6.83		30	130	50
Endosulfan sulfate	0	0.700	0.579	82.7		6.42		55	135	50
Endrin	0	0.700	0.676	96.6		6.53		55	135	50
Endrin aldehyde	0	0.700	0.657	93.8		6.99		55	135	50
Endrin ketone	0	0.700	0.664	94.8		5.55		75	125	50
gamma-BHC (Lindane)	0	0.350	0.315	90.0		6.74		25	135	50
gamma-Chlordane	0	0.350	0.316	90.2		6.13		60	125	50
Heptachlor	0	0.350	0.303	86.6		6.37		40	130	50
Heptachlor epoxide	0.318	0.350	0.645	93.3		1.90		60	130	50
Methoxychlor	0	3.50	3.22	92.1		6.75		55	150	50

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806042

(Sample Delivery Group, SDG)

376.2

(Parameter)

P806259

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** Wet Chemistry

QC Batch: P806259 **Method:** 376.2

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/13/08	6/13/08	0806042-01		SAMPLE	0806042
6/13/08	6/13/08	P806259-BLK1		Method Blank	0806042
6/13/08	6/13/08	P806259-BS1		LCS	0806042
6/13/08	6/13/08	P806259-BSD1		LCS Dup	0806042
6/13/08	6/13/08	P806259-MS1	0806037-02	Matrix Spike	0806042
6/13/08	6/13/08	P806259-MSD1	0806037-02	Matrix Spike Dup	0806042

Form 1 - Equivalent

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	P806259-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	
Batch:	P806259	Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide		mg/L	U	0.0500	0.178	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	P806259-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	
Batch:	P806259	Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide	0.373	mg/L		0.0500	0.178	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	P806259-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	
Batch:	P806259	Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide	0.391	mg/L		0.0500	0.178	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806259
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Lab Sample ID: ***P806259-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Sulfide	0.375	0.373	99.5		75	125

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806259

Fraction: WET Matrix: Water

Units: mg/L

Lab Sample ID: ***P806259-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Sulfide	0.375	0.391	104		75	125	4.71

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	P806259-MS1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806259	Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide	0.417	mg/L		0.0500	0.178	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	P806259-MSD1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806259	Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide	0.488	mg/L		0.0500	0.178	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806259
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806259-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Sulfide	0	0.375	0.417	111		75	125

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806259

Fraction: WET Matrix: Water

Units: mg/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806259-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Sulfide	0	0.375	0.488	130	ME*	15.7		75	125	25

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806042

(Sample Delivery Group, SDG)

8270C

(Parameter)

P806289

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc.
QC Batch: P806289
Fraction: GC Extractables
Method: 8270C

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/23/08	6/16/08	0806042-01		SAMPLE	0806042
6/23/08	6/16/08	P806289-BLK1		Method Blank	0806042
6/23/08	6/16/08	P806289-BS1		LCS	0806042
6/23/08	6/16/08	P806289-BSD1		LCS Dup	0806042

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806289

SLMW-13-5-08 (0806042-01)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	62.7	40	125	
2-Fluorobiphenyl	66.8	40	140	
2-Fluorophenol	63.5	20	110	
Nitrobenzene-d5	70.0	40	110	
Phenol-d5	52.5	10	115	
Terphenyl-d14	98.2	50	135	

Blank (P806289-BLK1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	65.0	40	125	
2-Fluorobiphenyl	62.6	40	140	
2-Fluorophenol	62.2	20	110	
Nitrobenzene-d5	68.6	40	110	
Phenol-d5	52.9	10	115	
Terphenyl-d14	99.9	50	135	

LCS (P806289-BS1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	67.4	40	125	
2-Fluorobiphenyl	64.8	40	140	
2-Fluorophenol	71.2	20	110	
Nitrobenzene-d5	70.0	40	110	
Phenol-d5	60.0	10	115	
Terphenyl-d14	96.1	50	135	

LCS Dup (P806289-BSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	68.5	40	125	
2-Fluorobiphenyl	68.0	40	140	
2-Fluorophenol	71.7	20	110	
Nitrobenzene-d5	75.0	40	110	
Phenol-d5	59.2	10	115	
Terphenyl-d14	102	50	135	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806289-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/23/08 11:28
Preparation:	EPA 3510C	Date Received:	
Batch:	P806289	Date Prepared:	06/16/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.250	10.0	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.230	10.0	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.360	10.0	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol		ug/L	U	0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol		ug/L	U	0.670	10.0	1
120-83-2	2,4-Dichlorophenol		ug/L	U	0.360	10.0	1
105-67-9	2,4-Dimethylphenol		ug/L	U	0.230	10.0	1
51-28-5	2,4-Dinitrophenol		ug/L	U	1.59	10.0	1
121-14-2	2,4-Dinitrotoluene		ug/L	U	0.350	10.0	1
606-20-2	2,6-Dinitrotoluene		ug/L	U	0.240	10.0	1
91-58-7	2-Chloronaphthalene		ug/L	U	0.160	10.0	1
95-57-8	2-Chlorophenol		ug/L	U	0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol		ug/L	U	0.950	10.0	1
91-57-6	2-Methylnaphthalene		ug/L	U	2.62	10.0	1
95-48-7	2-Methylphenol		ug/L	U	0.310	10.0	1
88-74-4	2-Nitroaniline		ug/L	U	0.430	10.0	1
88-75-5	2-Nitrophenol		ug/L	U	0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine		ug/L	U	1.46	10.0	1
99-09-2	3-Nitroaniline		ug/L	U	0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether		ug/L	U	0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol		ug/L	U	0.250	10.0	1
106-47-8	4-Chloroaniline		ug/L	U	0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether		ug/L	U	0.470	10.0	1
100-01-6	4-Nitroaniline		ug/L	U	3.53	10.0	1
100-02-7	4-Nitrophenol		ug/L	U	0.810	10.0	1
83-32-9	Acenaphthene		ug/L	U	0.180	10.0	1
208-96-8	Acenaphthylene		ug/L	U	0.120	10.0	1
120-12-7	Anthracene		ug/L	U	0.220	10.0	1
56-55-3	Benzo(a)anthracene		ug/L	U	0.090	10.0	1
50-32-8	Benzo(a)pyrene		ug/L	U	0.120	10.0	1
205-99-2	Benzo(b)fluoranthene		ug/L	U	0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene		ug/L	U	0.440	10.0	1
207-08-9	Benzo(k)fluoranthene		ug/L	U	0.860	10.0	1
65-85-0	Benzoic acid		ug/L	U	2.35	10.0	1
100-51-6	Benzyl alcohol		ug/L	U	0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane		ug/L	U	0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether		ug/L	U	0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether		ug/L	U	0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate		ug/L	U	0.590	10.0	1
85-68-7	Butyl benzyl phthalate		ug/L	U	0.410	10.0	1
86-74-8	Carbazole		ug/L	U	0.340	10.0	1
218-01-9	Chrysene		ug/L	U	0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene		ug/L	U	2.26	10.0	1
132-64-9	Dibenzofuran		ug/L	U	0.170	10.0	1
84-66-2	Diethyl phthalate		ug/L	U	0.410	10.0	1
131-11-3	Dimethyl phthalate		ug/L	U	0.310	10.0	1
84-74-2	Di-n-butyl phthalate		ug/L	U	0.220	10.0	1
117-84-0	Di-n-octyl phthalate		ug/L	U	1.88	10.0	1
122-39-4	Diphenylamine		ug/L	U	0.630	10.0	1

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806289-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/23/08 11:28
Preparation:	EPA 3510C	Date Received:	
Batch:	P806289	Date Prepared:	06/16/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
206-44-0	Fluoranthene		ug/L	U	0.220	10.0	1
86-73-7	Fluorene		ug/L	U	0.420	10.0	1
118-74-1	Hexachlorobenzene		ug/L	U	0.130	10.0	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene		ug/L	U	0.320	10.0	1
67-72-1	Hexachloroethane		ug/L	U	0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene		ug/L	U	1.56	10.0	1
78-59-1	Isophorone		ug/L	U	0.120	10.0	1
91-20-3	Naphthalene		ug/L	U	0.240	10.0	1
98-95-3	Nitrobenzene		ug/L	U	0.330	10.0	1
62-75-9	N-Nitrosodimethylamine		ug/L	U	0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine		ug/L	U	0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine		ug/L	U	0.140	10.0	1
87-86-5	Pentachlorophenol		ug/L	U	0.300	10.0	1
85-01-8	Phenanthrene		ug/L	U	0.240	10.0	1
108-95-2	Phenol		ug/L	U	0.120	10.0	1
129-00-0	Pyrene		ug/L	U	0.400	10.0	1
34MP	3 & 4 Methylphenol		ug/L	U	4.00	20.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806289-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/23/08 11:53
Preparation:	EPA 3510C	Date Received:	
Batch:	P806289	Date Prepared:	06/16/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene	23.1	ug/L		0.250	10.0	1
95-50-1	1,2-Dichlorobenzene	25.6	ug/L		0.230	10.0	1
541-73-1	1,3-Dichlorobenzene	24.8	ug/L		0.360	10.0	1
106-46-7	1,4-Dichlorobenzene	25.3	ug/L		0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol	34.0	ug/L		0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol	31.9	ug/L		0.670	10.0	1
120-83-2	2,4-Dichlorophenol	32.8	ug/L		0.360	10.0	1
105-67-9	2,4-Dimethylphenol	33.4	ug/L		0.230	10.0	1
51-28-5	2,4-Dinitrophenol	31.2	ug/L		1.59	10.0	1
121-14-2	2,4-Dinitrotoluene	34.8	ug/L		0.350	10.0	1
606-20-2	2,6-Dinitrotoluene	33.8	ug/L		0.240	10.0	1
91-58-7	2-Chloronaphthalene	26.3	ug/L		0.160	10.0	1
95-57-8	2-Chlorophenol	35.8	ug/L		0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol	31.9	ug/L		0.950	10.0	1
91-57-6	2-Methylnaphthalene	26.9	ug/L		2.62	10.0	1
95-48-7	2-Methylphenol	34.9	ug/L		0.310	10.0	1
88-74-4	2-Nitroaniline	35.3	ug/L		0.430	10.0	1
88-75-5	2-Nitrophenol	32.0	ug/L		0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine	34.3	ug/L		1.46	10.0	1
99-09-2	3-Nitroaniline	38.8	ug/L		0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether	33.2	ug/L		0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol	34.8	ug/L		0.250	10.0	1
106-47-8	4-Chloroaniline	15.2	ug/L		0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether	30.7	ug/L		0.470	10.0	1
100-01-6	4-Nitroaniline	34.5	ug/L		3.53	10.0	1
100-02-7	4-Nitrophenol	26.5	ug/L		0.810	10.0	1
83-32-9	Acenaphthene	29.2	ug/L		0.180	10.0	1
208-96-8	Acenaphthylene	32.9	ug/L		0.120	10.0	1
120-12-7	Anthracene	37.9	ug/L		0.220	10.0	1
56-55-3	Benzo(a)anthracene	36.4	ug/L		0.090	10.0	1
50-32-8	Benzo(a)pyrene	35.4	ug/L		0.120	10.0	1
205-99-2	Benzo(b)fluoranthene	32.0	ug/L		0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene	35.3	ug/L		0.440	10.0	1
207-08-9	Benzo(k)fluoranthene	40.4	ug/L		0.860	10.0	1
65-85-0	Benzoic acid	15.4	ug/L		2.35	10.0	1
100-51-6	Benzyl alcohol	32.6	ug/L		0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane	36.2	ug/L		0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether	34.8	ug/L		0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether	33.6	ug/L		0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate	35.4	ug/L		0.590	10.0	1
85-68-7	Butyl benzyl phthalate	36.2	ug/L		0.410	10.0	1
86-74-8	Carbazole	38.5	ug/L		0.340	10.0	1
218-01-9	Chrysene	37.7	ug/L		0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene	35.0	ug/L		2.26	10.0	1
132-64-9	Dibenzofuran	31.4	ug/L		0.170	10.0	1
84-66-2	Diethyl phthalate	36.8	ug/L		0.410	10.0	1
131-11-3	Dimethyl phthalate	35.9	ug/L		0.310	10.0	1
84-74-2	Di-n-butyl phthalate	38.1	ug/L		0.220	10.0	1
117-84-0	Di-n-octyl phthalate	36.3	ug/L		1.88	10.0	1
122-39-4	Diphenylamine	35.5	ug/L		0.630	10.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806289-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/23/08 11:53
Preparation:	EPA 3510C	Date Received:	
Batch:	P806289	Date Prepared:	06/16/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
206-44-0	Fluoranthene	37.4	ug/L		0.220	10.0	1
86-73-7	Fluorene	33.2	ug/L		0.420	10.0	1
118-74-1	Hexachlorobenzene	33.7	ug/L		0.130	10.0	1
87-68-3	Hexachlorobutadiene	20.9	ug/L		0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene	12.8	ug/L		0.320	10.0	1
67-72-1	Hexachloroethane	22.7	ug/L		0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene	35.7	ug/L		1.56	10.0	1
78-59-1	Isophorone	38.7	ug/L		0.120	10.0	1
91-20-3	Naphthalene	29.0	ug/L		0.240	10.0	1
98-95-3	Nitrobenzene	34.3	ug/L		0.330	10.0	1
62-75-9	N-Nitrosodimethylamine	25.6	ug/L		0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine	36.8	ug/L		0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine	36.8	ug/L		0.140	10.0	1
87-86-5	Pentachlorophenol	33.9	ug/L		0.300	10.0	1
85-01-8	Phenanthrene	36.8	ug/L		0.240	10.0	1
108-95-2	Phenol	27.8	ug/L		0.120	10.0	1
129-00-0	Pyrene	39.1	ug/L		0.400	10.0	1
34MP	3 & 4 Methylphenol	68.8	ug/L		4.00	20.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806289-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/23/08 12:17
Preparation:	EPA 3510C	Date Received:	
Batch:	P806289	Date Prepared:	06/16/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene	23.7	ug/L		0.250	10.0	1
95-50-1	1,2-Dichlorobenzene	24.9	ug/L		0.230	10.0	1
541-73-1	1,3-Dichlorobenzene	24.3	ug/L		0.360	10.0	1
106-46-7	1,4-Dichlorobenzene	24.4	ug/L		0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol	35.6	ug/L		0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol	34.9	ug/L		0.670	10.0	1
120-83-2	2,4-Dichlorophenol	36.6	ug/L		0.360	10.0	1
105-67-9	2,4-Dimethylphenol	35.5	ug/L		0.230	10.0	1
51-28-5	2,4-Dinitrophenol	33.9	ug/L		1.59	10.0	1
121-14-2	2,4-Dinitrotoluene	35.8	ug/L		0.350	10.0	1
606-20-2	2,6-Dinitrotoluene	36.4	ug/L		0.240	10.0	1
91-58-7	2-Chloronaphthalene	27.7	ug/L		0.160	10.0	1
95-57-8	2-Chlorophenol	37.6	ug/L		0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol	35.2	ug/L		0.950	10.0	1
91-57-6	2-Methylnaphthalene	28.0	ug/L		2.62	10.0	1
95-48-7	2-Methylphenol	37.4	ug/L		0.310	10.0	1
88-74-4	2-Nitroaniline	36.6	ug/L		0.430	10.0	1
88-75-5	2-Nitrophenol	34.6	ug/L		0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine	36.7	ug/L		1.46	10.0	1
99-09-2	3-Nitroaniline	40.8	ug/L		0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether	34.1	ug/L		0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol	36.7	ug/L		0.250	10.0	1
106-47-8	4-Chloroaniline	14.2	ug/L		0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether	34.0	ug/L		0.470	10.0	1
100-01-6	4-Nitroaniline	35.7	ug/L		3.53	10.0	1
100-02-7	4-Nitrophenol	24.4	ug/L		0.810	10.0	1
83-32-9	Acenaphthene	31.4	ug/L		0.180	10.0	1
208-96-8	Acenaphthylene	35.3	ug/L		0.120	10.0	1
120-12-7	Anthracene	38.8	ug/L		0.220	10.0	1
56-55-3	Benzo(a)anthracene	38.6	ug/L		0.090	10.0	1
50-32-8	Benzo(a)pyrene	36.9	ug/L		0.120	10.0	1
205-99-2	Benzo(b)fluoranthene	36.7	ug/L		0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene	36.5	ug/L		0.440	10.0	1
207-08-9	Benzo(k)fluoranthene	36.6	ug/L		0.860	10.0	1
65-85-0	Benzoic acid	19.6	ug/L		2.35	10.0	1
100-51-6	Benzyl alcohol	34.6	ug/L		0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane	38.9	ug/L		0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether	37.0	ug/L		0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether	37.2	ug/L		0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate	37.6	ug/L		0.590	10.0	1
85-68-7	Butyl benzyl phthalate	37.0	ug/L		0.410	10.0	1
86-74-8	Carbazole	37.9	ug/L		0.340	10.0	1
218-01-9	Chrysene	38.6	ug/L		0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene	36.4	ug/L		2.26	10.0	1
132-64-9	Dibenzofuran	34.2	ug/L		0.170	10.0	1
84-66-2	Diethyl phthalate	37.2	ug/L		0.410	10.0	1
131-11-3	Dimethyl phthalate	36.7	ug/L		0.310	10.0	1
84-74-2	Di-n-butyl phthalate	40.7	ug/L		0.220	10.0	1
117-84-0	Di-n-octyl phthalate	38.2	ug/L		1.88	10.0	1
122-39-4	Diphenylamine	37.6	ug/L		0.630	10.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806289-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/23/08 12:17
Preparation:	EPA 3510C	Date Received:	
Batch:	P806289	Date Prepared:	06/16/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
206-44-0	Fluoranthene	40.2	ug/L		0.220	10.0	1
86-73-7	Fluorene	36.1	ug/L		0.420	10.0	1
118-74-1	Hexachlorobenzene	34.8	ug/L		0.130	10.0	1
87-68-3	Hexachlorobutadiene	20.4	ug/L		0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene	14.9	ug/L		0.320	10.0	1
67-72-1	Hexachloroethane	21.8	ug/L		0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene	37.3	ug/L		1.56	10.0	1
78-59-1	Isophorone	41.6	ug/L		0.120	10.0	1
91-20-3	Naphthalene	29.9	ug/L		0.240	10.0	1
98-95-3	Nitrobenzene	36.1	ug/L		0.330	10.0	1
62-75-9	N-Nitrosodimethylamine	25.3	ug/L		0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine	39.8	ug/L		0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine	37.3	ug/L		0.140	10.0	1
87-86-5	Pentachlorophenol	34.6	ug/L		0.300	10.0	1
85-01-8	Phenanthrene	37.6	ug/L		0.240	10.0	1
108-95-2	Phenol	28.2	ug/L		0.120	10.0	1
129-00-0	Pyrene	38.9	ug/L		0.400	10.0	1
34MP	3 & 4 Methylphenol	72.4	ug/L		4.00	20.0	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806289

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806289-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
1,2,4-Trichlorobenzene	50.0	23.1	46.2		35	105
1,2-Dichlorobenzene	50.0	25.6	51.1		35	100
1,3-Dichlorobenzene	50.0	24.8	49.6		30	100
1,4-Dichlorobenzene	50.0	25.3	50.6		30	100
2,4,5-Trichlorophenol	50.0	34.0	67.9		50	110
2,4,6-Trichlorophenol	50.0	31.9	63.9		50	115
2,4-Dichlorophenol	50.0	32.8	65.6		50	105
2,4-Dimethylphenol	50.0	33.4	66.8		30	110
2,4-Dinitrophenol	50.0	31.2	62.5		15	140
2,4-Dinitrotoluene	50.0	34.8	69.5		50	120
2,6-Dinitrotoluene	50.0	33.8	67.7		50	115
2-Chloronaphthalene	50.0	26.3	52.6		50	105
2-Chlorophenol	50.0	35.8	71.6		35	105
2-Methyl-4,6-dinitrophenol	50.0	31.9	63.8		45	135
2-Methylnaphthalene	50.0	26.9	53.8		45	105
2-Methylphenol	50.0	34.9	69.7		40	110
2-Nitroaniline	50.0	35.3	70.6		50	115
2-Nitrophenol	50.0	32.0	64.0		40	115
3,3'-Dichlorobenzidine	50.0	34.3	68.5		20	110
3-Nitroaniline	50.0	38.8	77.6		20	125
4-Bromophenyl phenyl ether	50.0	33.2	66.3		50	115
4-Chloro-3-methylphenol	50.0	34.8	69.7		45	110
4-Chloroaniline	50.0	15.2	30.5		15	110
4-Chlorophenyl phenyl ether	50.0	30.7	61.3		50	110
4-Nitroaniline	50.0	34.5	69.1		35	120
4-Nitrophenol	50.0	26.5	53.1		45	135
Acenaphthene	50.0	29.2	58.4		45	110
Acenaphthylene	50.0	32.9	65.8		50	105
Anthracene	50.0	37.9	75.8		55	110
Benzo(a)anthracene	50.0	36.4	72.7		55	110
Benzo(a)pyrene	50.0	35.4	70.8		55	110
Benzo(b)fluoranthene	50.0	32.0	64.0		45	120
Benzo (g,h,i) perylene	50.0	35.3	70.6		40	125
Benzo(k)fluoranthene	50.0	40.4	80.7		45	125
Benzoic acid	50.0	15.4	30.9		20	145
Benzyl alcohol	50.0	32.6	65.3		45	135
Bis(2-chloroethoxy)methane	50.0	36.2	72.4		45	105
Bis(2-chloroethyl)ether	50.0	34.8	69.7		35	110
Bis(2-chloroisopropyl) ether	50.0	33.6	67.2		25	130
Bis(2-ethylhexyl) phthalate	50.0	35.4	70.8		40	125
Butyl benzyl phthalate	50.0	36.2	72.4		45	115
Carbazole	50.0	38.5	77.0		50	115
Chrysene	50.0	37.7	75.5		55	110
Dibenz(a,h)anthracene	50.0	35.0	70.1		40	125
Dibenzofuran	50.0	31.4	62.7		55	105
Diethyl phthalate	50.0	36.8	73.5		40	120
Dimethyl phthalate	50.0	35.9	71.7		25	125
Di-n-butyl phthalate	50.0	38.1	76.2		55	115
Di-n-octyl phthalate	50.0	36.3	72.6		35	135
Diphenylamine	50.0	35.5	71.0		45	135
Fluoranthene	50.0	37.4	74.8		55	115
Fluorene	50.0	33.2	66.5		50	110
Hexachlorobenzene	50.0	33.7	67.3		50	110
Hexachlorobutadiene	50.0	20.9	41.8		25	105

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806289

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806289-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Hexachlorocyclopentadiene	50.0	12.8	25.6	ME*	30	145
Hexachloroethane	50.0	22.7	45.4		30	95
Indeno (1,2,3-cd) pyrene	50.0	35.7	71.3		45	125
Isophorone	50.0	38.7	77.3		50	110
Naphthalene	50.0	29.0	58.0		40	100
Nitrobenzene	50.0	34.3	68.6		45	110
N-Nitrosodimethylamine	50.0	25.6	51.2		20	115
N-Nitrosodi-n-propylamine	50.0	36.8	73.7		35	130
N-Nitrosodiphenylamine	50.0	36.8	73.7		50	110
Pentachlorophenol	50.0	33.9	67.8		40	115
Phenanthrene	50.0	36.8	73.5		50	115
Phenol	50.0	27.8	55.6		45	135
Pyrene	50.0	39.1	78.3		50	130
3 & 4 Methylphenol	100	68.8	68.8		30	110

Actual Number of Marginal Exceedences: 1

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806289

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806289-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
1,2,4-Trichlorobenzene	50.0	23.7	47.3		35	105	2.44
1,2-Dichlorobenzene	50.0	24.9	49.8		35	100	2.54
1,3-Dichlorobenzene	50.0	24.3	48.7		30	100	1.87
1,4-Dichlorobenzene	50.0	24.4	48.7		30	100	3.83
2,4,5-Trichlorophenol	50.0	35.6	71.2		50	110	4.69
2,4,6-Trichlorophenol	50.0	34.9	69.8		50	115	8.95
2,4-Dichlorophenol	50.0	36.6	73.1		50	105	10.8
2,4-Dimethylphenol	50.0	35.5	71.0		30	110	6.12
2,4-Dinitrophenol	50.0	33.9	67.8		15	140	8.16
2,4-Dinitrotoluene	50.0	35.8	71.6		50	120	2.89
2,6-Dinitrotoluene	50.0	36.4	72.7		50	115	7.24
2-Chloronaphthalene	50.0	27.7	55.4		50	105	5.11
2-Chlorophenol	50.0	37.6	75.1		35	105	4.77
2-Methyl-4,6-dinitrophenol	50.0	35.2	70.3		45	135	9.69
2-Methylnaphthalene	50.0	28.0	55.9		45	105	3.97
2-Methylphenol	50.0	37.4	74.8		40	110	7.00
2-Nitroaniline	50.0	36.6	73.3		50	115	3.70
2-Nitrophenol	50.0	34.6	69.1		40	115	7.66
3,3'-Dichlorobenzidine	50.0	36.7	73.4		20	110	6.93
3-Nitroaniline	50.0	40.8	81.6		20	125	5.02
4-Bromophenyl phenyl ether	50.0	34.1	68.2		50	115	2.82
4-Chloro-3-methylphenol	50.0	36.7	73.4		45	110	5.20
4-Chloroaniline	50.0	14.2	28.5		15	110	6.85
4-Chlorophenyl phenyl ether	50.0	34.0	67.9		50	110	10.2
4-Nitroaniline	50.0	35.7	71.4		35	120	3.25
4-Nitrophenol	50.0	24.4	48.7		45	135	8.57
Acenaphthene	50.0	31.4	62.8		45	110	7.39
Acenaphthylene	50.0	35.3	70.7		50	105	7.18
Anthracene	50.0	38.8	77.6		55	110	2.32
Benzo(a)anthracene	50.0	38.6	77.2		55	110	5.95
Benzo(a)pyrene	50.0	36.9	73.7		55	110	4.04
Benzo(b)fluoranthene	50.0	36.7	73.4		45	120	13.7
Benzo (g,h,i) perylene	50.0	36.5	73.1		40	125	3.45
Benzo(k)fluoranthene	50.0	36.6	73.3		45	125	9.64
Benzoic acid	50.0	19.6	39.1		20	145	23.6
Benzyl alcohol	50.0	34.6	69.2		45	135	5.83
Bis(2-chloroethoxy)methane	50.0	38.9	77.7		45	105	7.09
Bis(2-chloroethyl)ether	50.0	37.0	74.1		35	110	6.12
Bis(2-chloroisopropyl) ether	50.0	37.2	74.3		25	130	10.1
Bis(2-ethylhexyl) phthalate	50.0	37.6	75.2		40	125	6.08
Butyl benzyl phthalate	50.0	37.0	73.9		45	115	2.10
Carbazole	50.0	37.9	75.8		50	115	1.52
Chrysene	50.0	38.6	77.2		55	110	2.31
Dibenz(a,h)anthracene	50.0	36.4	72.8		40	125	3.72
Dibenzofuran	50.0	34.2	68.4		55	105	8.72
Diethyl phthalate	50.0	37.2	74.3		40	120	1.11
Dimethyl phthalate	50.0	36.7	73.4		25	125	2.26
Di-n-butyl phthalate	50.0	40.7	81.3		55	115	6.47
Di-n-octyl phthalate	50.0	38.2	76.5		35	135	5.23
Diphenylamine	50.0	37.6	75.3		45	135	5.82
Fluoranthene	50.0	40.2	80.5		55	115	7.34
Fluorene	50.0	36.1	72.3		50	110	8.33
Hexachlorobenzene	50.0	34.8	69.5		50	110	3.16
Hexachlorobutadiene	50.0	20.4	40.8		25	105	2.37

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806289

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806289-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Hexachlorocyclopentadiene	50.0	14.9	29.9	ME*	30	145	15.3
Hexachloroethane	50.0	21.8	43.6		30	95	4.09
Indeno (1,2,3-cd) pyrene	50.0	37.3	74.6		45	125	4.49
Isophorone	50.0	41.6	83.1		50	110	7.18
Naphthalene	50.0	29.9	59.8		40	100	2.95
Nitrobenzene	50.0	36.1	72.3		45	110	5.20
N-Nitrosodimethylamine	50.0	25.3	50.7		20	115	1.06
N-Nitrosodi-n-propylamine	50.0	39.8	79.5		35	130	7.60
N-Nitrosodiphenylamine	50.0	37.3	74.7		50	110	1.32
Pentachlorophenol	50.0	34.6	69.3		40	115	2.13
Phenanthrene	50.0	37.6	75.1		50	115	2.15
Phenol	50.0	28.2	56.4		45	135	1.46
Pyrene	50.0	38.9	77.8		50	130	0.615
3 & 4 Methylphenol	100	72.4	72.4		30	110	5.23

Actual Number of Marginal Exceedences: 1

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806042

(Sample Delivery Group, SDG)

8260B

(Parameter)

P806202

(Analytical Batch)

Quality Control Association Form

Lab Name:	Analytical Management Laboratories, Inc.	**Fraction:**	VOA_GCMS
QC Batch:	P806202	**Method:**	8260B

Date Analyzed	Lab Sample ID	Original Sample	Sample Type	Project Number
6/11/08	0806042-01		SAMPLE	0806042
6/11/08	0806042-02		SAMPLE	0806042
6/11/08	P806202-BLK1		Method Blank	0806042
6/11/08	P806202-BS1		LCS	0806042
6/11/08	P806202-BSD1		LCS Dup	0806042
6/11/08	P806202-MS1	0806039-01	Matrix Spike	0806042
6/11/08	P806202-MSD1	0806039-01	Matrix Spike Dup	0806042

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806202

SLMW-13-5-08 (0806042-01)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	106	85	115	
1,2-Dichloroethane-d4	113	70	120	
Toluene-d8	99.7	85	120	
4-Bromofluorobenzene	106	75	120	

Trip Blank (0806042-02)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	107	85	115	
1,2-Dichloroethane-d4	113	70	120	
Toluene-d8	101	85	120	
4-Bromofluorobenzene	102	75	120	

Blank (P806202-BLK1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	108	85	115	
1,2-Dichloroethane-d4	113	70	120	
Toluene-d8	101	85	120	
4-Bromofluorobenzene	101	75	120	

LCS (P806202-BS1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	105	85	115	
1,2-Dichloroethane-d4	108	70	120	
Toluene-d8	98.8	85	120	
4-Bromofluorobenzene	102	75	120	

LCS Dup (P806202-BSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	105	85	115	
1,2-Dichloroethane-d4	109	70	120	
Toluene-d8	101	85	120	
4-Bromofluorobenzene	102	75	120	

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806202

Matrix Spike (P806202-MS1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	107	85	115	
1,2-Dichloroethane-d4	114	70	120	
Toluene-d8	101	85	120	
4-Bromofluorobenzene	103	75	120	

Matrix Spike Dup (P806202-MSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	108	85	115	
1,2-Dichloroethane-d4	116	70	120	
Toluene-d8	102	85	120	
4-Bromofluorobenzene	104	75	120	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806202-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/11/08 12:35
Preparation:	EPA 5030B	Date Received:	
Batch:	P806202		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	Q2, U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806202-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/11/08 12:35
Preparation:	EPA 5030B	Date Received:	
Batch:	P806202		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806202-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/11/08 10:55
Preparation:	EPA 5030B	Date Received:	
Batch:	P806202		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	22.7	ug/L		0.200	2.00	1
74-87-3	Chloromethane	25.2	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	24.0	ug/L		0.200	2.00	1
74-83-9	Bromomethane	22.0	ug/L	Q2	0.200	2.00	1
75-00-3	Chloroethane	22.6	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	25.6	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	27.9	ug/L		0.200	2.00	1
107-02-8	Acrolein	146	ug/L		1.00	10.0	1
67-64-1	Acetone	145	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	23.5	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	21.5	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	23.1	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	24.0	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	28.0	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	27.2	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	22.1	ug/L		0.200	2.00	1
78-93-3	2-Butanone	124	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	24.3	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	25.2	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	23.5	ug/L		0.200	2.00	1
67-66-3	Chloroform	23.4	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	24.4	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	25.1	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	26.0	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	25.3	ug/L		0.200	2.00	1
71-43-2	Benzene	23.2	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	23.8	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	21.9	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	23.9	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	24.7	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	24.8	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	126	ug/L		2.00	10.0	1
108-88-3	Toluene	23.5	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	26.2	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	23.2	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	24.0	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	21.4	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	128	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	26.0	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	24.0	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	22.7	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.8	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	22.3	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	47.0	ug/L		0.400	4.00	1
74-88-4	Iodomethane	10.6	ug/L		0.500	2.00	1
95-47-6	o-Xylene	22.2	ug/L		0.200	2.00	1
100-42-5	Styrene	22.8	ug/L		0.200	2.00	1
75-25-2	Bromoform	27.3	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	22.9	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	25.3	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806202-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/11/08 10:55
Preparation:	EPA 5030B	Date Received:	
Batch:	P806202		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane	23.3	ug/L		0.200	2.00	1
108-86-1	Bromobenzene	22.3	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	23.1	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	23.1	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	23.5	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	22.3	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	22.9	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	22.6	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	24.8	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.2	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.3	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	22.4	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	23.8	ug/L		0.200	2.00	1
64-17-5	Ethanol	2410	ug/L		2.00	10.0	1
104-51-8	n-Butylbenzene	24.0	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	25.7	ug/L		0.400	2.00	1
75-65-0	tert-Butyl alcohol	156	ug/L		2.00	10.0	1
120-82-1	1,2,4-Trichlorobenzene	24.4	ug/L		0.200	2.00	1
637-92-3	tert-Butyl ethyl ether	27.2	ug/L		1.00	2.00	1
87-61-6	1,2,3-Trichlorobenzene	25.2	ug/L		0.400	2.00	1
762-75-4	tert-Butyl Formate	27.2	ug/L		1.00	2.00	1
87-68-3	Hexachlorobutadiene	23.4	ug/L		0.200	2.00	1
994-05-8	tert-Amyl Methyl ether	27.2	ug/L		1.00	2.00	1
91-20-3	Naphthalene	26.1	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806202-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/11/08 11:32
Preparation:	EPA 5030B	Date Received:	
Batch:	P806202		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	22.6	ug/L		0.200	2.00	1
74-87-3	Chloromethane	25.2	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	23.8	ug/L		0.200	2.00	1
74-83-9	Bromomethane	23.6	ug/L	Q2	0.200	2.00	1
75-00-3	Chloroethane	22.9	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	25.5	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	26.8	ug/L		0.200	2.00	1
107-02-8	Acrolein	149	ug/L		1.00	10.0	1
67-64-1	Acetone	144	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	23.9	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	21.8	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	23.8	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	24.5	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	28.8	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	27.2	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	22.6	ug/L		0.200	2.00	1
78-93-3	2-Butanone	123	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	25.4	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	25.8	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	24.0	ug/L		0.200	2.00	1
67-66-3	Chloroform	24.0	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	24.5	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	24.8	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	26.0	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	26.0	ug/L		0.200	2.00	1
71-43-2	Benzene	23.8	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	23.6	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	22.7	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	24.4	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	25.4	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	25.9	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	130	ug/L		2.00	10.0	1
108-88-3	Toluene	24.0	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	27.0	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	23.7	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	24.0	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	21.3	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	125	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	26.2	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	24.0	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	22.7	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.9	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	22.2	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	46.7	ug/L		0.400	4.00	1
95-47-6	o-Xylene	22.2	ug/L		0.200	2.00	1
100-42-5	Styrene	22.9	ug/L		0.200	2.00	1
75-25-2	Bromoform	27.4	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	22.4	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	26.7	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	23.9	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806202-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/11/08 11:32
Preparation:	EPA 5030B	Date Received:	
Batch:	P806202		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	23.0	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	23.3	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	23.6	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	25.1	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	22.6	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	23.2	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	22.8	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	24.8	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.6	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.8	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	23.0	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	24.1	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	24.6	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	25.3	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	25.4	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	25.4	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	23.9	ug/L		0.200	2.00	1
91-20-3	Naphthalene	26.3	ug/L		0.400	2.00	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806202

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806202-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Dichlorodifluoromethane	25.0	22.7	90.8		30	155
Chloromethane	25.0	25.2	101		40	125
Vinyl chloride	25.0	24.0	96.0		50	145
Bromomethane	25.0	22.0	88.1		30	145
Chloroethane	25.0	22.6	90.6		60	135
Trichlorofluoromethane	25.0	25.6	102		60	145
1,1-Dichloroethene	25.0	27.9	112		70	130
Acrolein	125	146	117		54	142
Acetone	125	145	116		40	140
Acrylonitrile	25.0	23.5	94.1		71	129
Carbon disulfide	25.0	21.5	86.2		35	160
Methylene Chloride	25.0	23.1	92.6		55	140
trans-1,2-Dichloroethene	25.0	24.0	96.1		60	140
Vinyl acetate	25.0	28.0	112		72	121
Methyl tert-Butyl Ether	25.0	27.2	109		65	125
1,1-Dichloroethane	25.0	22.1	88.4		70	135
2-Butanone	125	124	99.1		30	150
cis-1,2-Dichloroethene	25.0	24.3	97.3		70	125
2,2-Dichloropropane	25.0	25.2	101		70	135
Bromochloromethane	25.0	23.5	94.0		65	130
Chloroform	25.0	23.4	93.6		65	135
1,1,1-Trichloroethane	25.0	24.4	97.6		65	130
1,1-Dichloropropene	25.0	25.1	100		75	130
Carbon Tetrachloride	25.0	26.0	104		65	140
1,2-Dichloroethane	25.0	25.3	101		70	130
Benzene	25.0	23.2	92.6		80	120
Trichloroethene	25.0	23.8	95.3		70	125
1,2-Dichloropropane	25.0	21.9	87.6		75	125
Dibromomethane	25.0	23.9	95.7		75	125
Bromodichloromethane	25.0	24.7	99.0		75	120
cis-1,3-Dichloropropene	25.0	24.8	99.3		70	130
4-Methyl-2-pentanone	125	126	101		60	135
Toluene	25.0	23.5	94.0		75	120
trans-1,3-Dichloropropene	25.0	26.2	105		55	140
1,1,2-Trichloroethane	25.0	23.2	92.8		75	125
1,3-Dichloropropane	25.0	24.0	95.8		75	125
Tetrachloroethene	25.0	21.4	85.5		45	150
2-Hexanone	125	128	102		55	130
Dibromochloromethane	25.0	26.0	104		60	135
1,2-Dibromoethane	25.0	24.0	95.8		80	120
Chlorobenzene	25.0	22.7	90.9		80	120
1,1,1,2-Tetrachloroethane	25.0	24.8	99.0		80	130
Ethylbenzene	25.0	22.3	89.3		75	125
m-Xylene/p-Xylene	50.0	47.0	94.1		75	130
Iodomethane	25.0	10.6	42.5	ME*	57	145
o-Xylene	25.0	22.2	88.6		80	120
Styrene	25.0	22.8	91.2		65	135
Bromoform	25.0	27.3	109		70	130
Isopropylbenzene	25.0	22.9	91.4		75	125
1,2,3-Trichloropropane	25.0	25.3	101		75	125
1,1,2,2-Tetrachloroethane	25.0	23.3	93.4		65	130
Bromobenzene	25.0	22.3	89.2		75	125
n-Propylbenzene	25.0	23.1	92.2		70	130
2-Chlorotoluene	25.0	23.1	92.2		75	125

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806202

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806202-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
4-Chlorotoluene	25.0	23.5	94.0		75	130
1,3,5-Trimethylbenzene	25.0	22.3	89.3		75	130
tert-Butylbenzene	25.0	22.9	91.7		70	130
1,2,4-Trimethylbenzene	25.0	22.6	90.3		75	130
sec-Butylbenzene	25.0	24.8	99.2		70	125
1,3-Dichlorobenzene	25.0	22.2	88.9		75	125
1,4-Dichlorobenzene	25.0	22.3	89.3		75	125
1,2-Dichlorobenzene	25.0	22.4	89.7		70	120
4-Isopropyltoluene	25.0	23.8	95.2		75	130
n-Butylbenzene	25.0	24.0	95.9		70	135
Ethanol	125	2410	1930	ME*	79	125
tert-Butyl alcohol	125	156	125		65	126
1,2-Dibromo-3-chloropropane	25.0	25.7	103		50	130
1,2,4-Trichlorobenzene	25.0	24.4	97.7		65	135
tert-Butyl ethyl ether	25.0	27.2	109		83	117
tert-Butyl Formate	25.0	27.2	109		81	119
1,2,3-Trichlorobenzene	25.0	25.2	101		55	140
Hexachlorobutadiene	25.0	23.4	93.7		50	140
tert-Amyl Methyl ether	25.0	27.2	109		79	120
Naphthalene	25.0	26.1	104		55	140

Actual Number of Marginal Exceedences: 2

Number of Exceedences (ME) Allowed: 4

Total Number of Analytes: 74

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806202

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806202-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Dichlorodifluoromethane	25.0	22.6	90.3		30	155	0.530
Chloromethane	25.0	25.2	101		40	125	0.238
Vinyl chloride	25.0	23.8	95.4		50	145	0.669
Bromomethane	25.0	23.6	94.5		30	145	6.97
Chloroethane	25.0	22.9	91.6		60	135	1.10
Trichlorofluoromethane	25.0	25.5	102		60	145	0.274
1,1-Dichloroethene	25.0	26.8	107		70	130	4.13
Acrolein	125	149	119		54	142	2.07
Acetone	125	144	115		40	140	0.506
Acrylonitrile	25.0	23.9	95.8		71	129	1.73
Carbon disulfide	25.0	21.8	87.0		35	160	1.02
Methylene Chloride	25.0	23.8	95.4		55	140	2.98
trans-1,2-Dichloroethene	25.0	24.5	98.0		60	140	1.98
Vinyl acetate	25.0	28.8	115		72	121	2.85
Methyl tert-Butyl Ether	25.0	27.2	109		65	125	0.0368
1,1-Dichloroethane	25.0	22.6	90.2		70	135	2.06
2-Butanone	125	123	98.2		30	150	0.924
cis-1,2-Dichloroethene	25.0	25.4	102		70	125	4.26
2,2-Dichloropropane	25.0	25.8	103		70	135	2.08
Bromochloromethane	25.0	24.0	96.0		65	130	2.15
Chloroform	25.0	24.0	96.2		65	135	2.66
1,1,1-Trichloroethane	25.0	24.5	98.0		65	130	0.450
1,1-Dichloropropene	25.0	24.8	99.4		75	130	0.921
Carbon Tetrachloride	25.0	26.0	104		65	140	0.269
1,2-Dichloroethane	25.0	26.0	104		70	130	2.73
Benzene	25.0	23.8	95.2		80	120	2.73
Trichloroethene	25.0	23.6	94.4		70	125	0.886
1,2-Dichloropropane	25.0	22.7	90.7		75	125	3.50
Dibromomethane	25.0	24.4	97.8		75	125	2.19
Bromodichloromethane	25.0	25.4	101		75	120	2.48
cis-1,3-Dichloropropene	25.0	25.9	104		70	130	4.18
4-Methyl-2-pentanone	125	130	104		60	135	2.84
Toluene	25.0	24.0	96.1		75	120	2.19
trans-1,3-Dichloropropene	25.0	27.0	108		55	140	3.16
1,1,2-Trichloroethane	25.0	23.7	94.8		75	125	2.13
1,3-Dichloropropane	25.0	24.0	96.2		75	125	0.375
Tetrachloroethene	25.0	21.3	85.1		45	150	0.422
2-Hexanone	125	125	100		55	130	1.92
Dibromochloromethane	25.0	26.2	105		60	135	1.07
1,2-Dibromoethane	25.0	24.0	96.0		80	120	0.125
Chlorobenzene	25.0	22.7	90.9		80	120	0.00
1,1,1,2-Tetrachloroethane	25.0	24.9	99.5		80	130	0.443
Ethylbenzene	25.0	22.2	88.8		75	125	0.539
m-Xylene/p-Xylene	50.0	46.7	93.5		75	130	0.640
o-Xylene	25.0	22.2	88.7		80	120	0.0903
Styrene	25.0	22.9	91.6		65	135	0.350
Bromoform	25.0	27.4	109		70	130	0.220
Isopropylbenzene	25.0	22.4	89.8		75	125	1.85
1,2,3-Trichloropropane	25.0	26.7	107		75	125	5.34
1,1,2,2-Tetrachloroethane	25.0	23.9	95.7		65	130	2.50
Bromobenzene	25.0	23.0	92.1		75	125	3.22
n-Propylbenzene	25.0	23.3	93.1		70	130	0.907
2-Chlorotoluene	25.0	23.6	94.4		75	125	2.31
4-Chlorotoluene	25.0	25.1	100		75	130	6.43

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806202

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806202-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
1,3,5-Trimethylbenzene	25.0	22.6	90.6		75	130	1.47
tert-Butylbenzene	25.0	23.2	92.6		70	130	1.04
1,2,4-Trimethylbenzene	25.0	22.8	91.3		75	130	1.15
sec-Butylbenzene	25.0	24.8	99.1		70	125	0.121
1,3-Dichlorobenzene	25.0	22.6	90.5		75	125	1.74
1,4-Dichlorobenzene	25.0	22.8	91.2		75	125	2.08
1,2-Dichlorobenzene	25.0	23.0	92.0		70	120	2.47
4-Isopropyltoluene	25.0	24.1	96.5		75	130	1.34
n-Butylbenzene	25.0	24.6	98.4		70	135	2.59
1,2-Dibromo-3-chloropropane	25.0	25.3	101		50	130	1.61
1,2,4-Trichlorobenzene	25.0	25.4	101		65	135	3.70
1,2,3-Trichlorobenzene	25.0	25.4	102		55	140	0.989
Hexachlorobutadiene	25.0	23.9	95.5		50	140	1.95
Naphthalene	25.0	26.3	105		55	140	0.916

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806202-MS1
% Solids:	NA	Date Collected:	06/08/08 12:30
Analytical Methdod:	8260B	Date Analyzed:	06/11/08 18:10
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806202		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	21.9	ug/L		0.200	2.00	1
74-87-3	Chloromethane	28.0	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	22.9	ug/L		0.200	2.00	1
74-83-9	Bromomethane	15.6	ug/L	Q2	0.200	2.00	1
75-00-3	Chloroethane	23.6	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	24.9	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	26.3	ug/L		0.200	2.00	1
107-02-8	Acrolein	141	ug/L		1.00	10.0	1
67-64-1	Acetone	57.4	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	24.0	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	17.9	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	23.8	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	25.2	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	29.6	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	28.8	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	22.7	ug/L		0.200	2.00	1
78-93-3	2-Butanone	114	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	25.4	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	24.8	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	24.7	ug/L		0.200	2.00	1
67-66-3	Chloroform	24.4	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	24.6	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	24.9	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	25.8	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	26.7	ug/L		0.200	2.00	1
71-43-2	Benzene	24.3	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	24.4	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	23.0	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	25.4	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	25.7	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	25.9	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	142	ug/L		2.00	10.0	1
108-88-3	Toluene	23.9	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	28.2	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	24.7	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	24.5	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	20.1	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	139	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	26.1	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	25.9	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	22.5	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.5	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	22.2	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	48.5	ug/L		0.400	4.00	1
74-88-4	Iodomethane	6.73	ug/L		0.500	2.00	1
95-47-6	o-Xylene	21.9	ug/L		0.200	2.00	1
100-42-5	Styrene	22.5	ug/L		0.200	2.00	1
75-25-2	Bromoform	27.7	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	22.4	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	28.2	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806202-MS1
% Solids:	NA	Date Collected:	06/08/08 12:30
Analytical Methdod:	8260B	Date Analyzed:	06/11/08 18:10
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806202		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane	24.6	ug/L		0.200	2.00	1
108-86-1	Bromobenzene	22.7	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	23.2	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	22.6	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	24.5	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	22.0	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	22.7	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	23.7	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	24.9	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.1	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.0	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	22.9	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	23.7	ug/L		0.200	2.00	1
64-17-5	Ethanol	2510	ug/L		2.00	10.0	1
104-51-8	n-Butylbenzene	24.1	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	27.1	ug/L		0.400	2.00	1
75-65-0	tert-Butyl alcohol	54.8	ug/L		2.00	10.0	1
120-82-1	1,2,4-Trichlorobenzene	25.2	ug/L		0.200	2.00	1
637-92-3	tert-Butyl ethyl ether	28.6	ug/L		1.00	2.00	1
87-61-6	1,2,3-Trichlorobenzene	25.5	ug/L		0.400	2.00	1
762-75-4	tert-Butyl Formate	28.6	ug/L		1.00	2.00	1
87-68-3	Hexachlorobutadiene	23.0	ug/L		0.200	2.00	1
994-05-8	tert-Amyl Methyl ether	28.7	ug/L		1.00	2.00	1
91-20-3	Naphthalene	27.2	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806202-MSD1
% Solids:	NA	Date Collected:	06/08/08 12:30
Analytical Methdod:	8260B	Date Analyzed:	06/11/08 18:43
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806202		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	21.4	ug/L		0.200	2.00	1
74-87-3	Chloromethane	29.8	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	23.3	ug/L		0.200	2.00	1
74-83-9	Bromomethane	15.5	ug/L	Q2	0.200	2.00	1
75-00-3	Chloroethane	21.2	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	25.3	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	26.9	ug/L		0.200	2.00	1
107-02-8	Acrolein	144	ug/L		1.00	10.0	1
67-64-1	Acetone	106	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	24.2	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	17.9	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	24.0	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	24.8	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	28.6	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	28.8	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	22.8	ug/L		0.200	2.00	1
78-93-3	2-Butanone	127	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	25.1	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	24.9	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	24.7	ug/L		0.200	2.00	1
67-66-3	Chloroform	24.2	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	24.9	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	25.4	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	26.1	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	27.0	ug/L		0.200	2.00	1
71-43-2	Benzene	24.6	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	24.5	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	22.8	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	25.6	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	25.8	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	26.2	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	147	ug/L		2.00	10.0	1
108-88-3	Toluene	24.6	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	28.1	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	24.9	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	24.5	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	20.4	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	141	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	26.0	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	25.8	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	22.1	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.5	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	22.0	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	45.7	ug/L		0.400	4.00	1
95-47-6	o-Xylene	21.8	ug/L		0.200	2.00	1
100-42-5	Styrene	22.4	ug/L		0.200	2.00	1
75-25-2	Bromoform	27.7	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	22.5	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	28.3	ug/L		0.400	2.00	1
79-34-5	1,1,2,2-Tetrachloroethane	25.2	ug/L		0.200	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806042
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806202-MSD1
% Solids:	NA	Date Collected:	06/08/08 12:30
Analytical Methdod:	8260B	Date Analyzed:	06/11/08 18:43
Preparation:	EPA 5030B	Date Received:	06/10/08 10:00
Batch:	P806202		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
108-86-1	Bromobenzene	22.5	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	23.1	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	23.0	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	23.0	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	21.6	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	22.8	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	23.3	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	24.7	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	21.9	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.1	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	22.8	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	23.0	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	24.0	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	28.1	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	24.7	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	25.8	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	22.8	ug/L		0.200	2.00	1
91-20-3	Naphthalene	28.1	ug/L		0.400	2.00	1

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806202

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0806039-01*** ***Lab Sample ID for MS :*** ***P806202-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Dichlorodifluoromethane	0	25.0	21.9	87.6		30	155
Chloromethane	0	25.0	28.0	112		40	125
Vinyl chloride	0	25.0	22.9	91.6		50	145
Bromomethane	0	25.0	15.6	62.2		30	145
Chloroethane	0	25.0	23.6	94.3		60	135
Trichlorofluoromethane	0	25.0	24.9	99.4		60	145
1,1-Dichloroethene	0	25.0	26.3	105		70	130
Acrolein	0	125	141	112		54	142
Acetone	0	125	57.4	45.9		40	140
Acrylonitrile	0	25.0	24.0	96.2		71	129
Carbon disulfide	0	25.0	17.9	71.7		35	160
Methylene Chloride	0	25.0	23.8	95.4		55	140
trans-1,2-Dichloroethene	0	25.0	25.2	101		60	140
Vinyl acetate	0	25.0	29.6	119		72	121
Methyl tert-Butyl Ether	0	25.0	28.8	115		65	125
1,1-Dichloroethane	0	25.0	22.7	91.0		70	135
2-Butanone	0	125	114	91.2		30	150
cis-1,2-Dichloroethene	0	25.0	25.4	102		70	125
2,2-Dichloropropane	0	25.0	24.8	99.4		70	135
Bromochloromethane	0	25.0	24.7	98.8		65	130
Chloroform	0	25.0	24.4	97.6		65	135
1,1,1-Trichloroethane	0	25.0	24.6	98.3		65	130
1,1-Dichloropropene	0	25.0	24.9	99.4		75	130
Carbon Tetrachloride	0	25.0	25.8	103		65	140
1,2-Dichloroethane	0	25.0	26.7	107		70	130
Benzene	0	25.0	24.3	97.4		80	120
Trichloroethene	0	25.0	24.4	97.6		70	125
1,2-Dichloropropane	0	25.0	23.0	92.0		75	125
Dibromomethane	0	25.0	25.4	102		75	125
Bromodichloromethane	0	25.0	25.7	103		75	120
cis-1,3-Dichloropropene	0	25.0	25.9	104		70	130
4-Methyl-2-pentanone	0	125	142	113		60	135
Toluene	0	25.0	23.9	95.6		75	120
trans-1,3-Dichloropropene	0	25.0	28.2	113		55	140
1,1,2-Trichloroethane	0	25.0	24.7	99.0		75	125
1,3-Dichloropropane	0	25.0	24.5	98.1		75	125
Tetrachloroethene	0	25.0	20.1	80.2		45	150
2-Hexanone	0	125	139	111		55	130
Dibromochloromethane	0	25.0	26.1	104		60	135
1,2-Dibromoethane	0	25.0	25.9	104		80	120
Chlorobenzene	0	25.0	22.5	90.2		80	120
1,1,1,2-Tetrachloroethane	0	25.0	24.5	97.9		80	130
Ethylbenzene	0	25.0	22.2	88.9		75	125
m-Xylene/p-Xylene	0	50.0	48.5	97.0		75	130
Iodomethane	0	25.0	6.73	26.9	ME*	57	145
o-Xylene	0	25.0	21.9	87.5		80	120
Styrene	0	25.0	22.5	90.2		65	135
Bromoform	0	25.0	27.7	111		70	130
Isopropylbenzene	0	25.0	22.4	89.5		75	125
1,2,3-Trichloropropane	0	25.0	28.2	113		75	125
1,1,2,2-Tetrachloroethane	0	25.0	24.6	98.4		65	130
Bromobenzene	0	25.0	22.7	90.7		75	125
n-Propylbenzene	0	25.0	23.2	92.6		70	130
2-Chlorotoluene	0	25.0	22.6	90.6		75	125

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806202

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0806039-01*** ***Lab Sample ID for MS :*** ***P806202-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
4-Chlorotoluene	0	25.0	24.5	98.2		75	130
1,3,5-Trimethylbenzene	0	25.0	22.0	87.9		75	130
tert-Butylbenzene	0	25.0	22.7	90.8		70	130
1,2,4-Trimethylbenzene	0	25.0	23.7	94.7		75	130
sec-Butylbenzene	0	25.0	24.9	99.7		70	125
1,3-Dichlorobenzene	0	25.0	22.1	88.3		75	125
1,4-Dichlorobenzene	0	25.0	22.0	87.9		75	125
1,2-Dichlorobenzene	0	25.0	22.9	91.5		70	120
4-Isopropyltoluene	0	25.0	23.7	94.9		75	130
Ethanol	0	125	2510	2010	ME*	79	125
n-Butylbenzene	0	25.0	24.1	96.4		70	135
tert-Butyl alcohol	0	125	54.8	43.8	ME*	65	126
1,2-Dibromo-3-chloropropane	0	25.0	27.1	108		50	130
tert-Butyl ethyl ether	0	25.0	28.6	114		83	117
1,2,4-Trichlorobenzene	0	25.0	25.2	101		65	135
1,2,3-Trichlorobenzene	0	25.0	25.5	102		55	140
tert-Butyl Formate	0	25.0	28.6	114		81	119
Hexachlorobutadiene	0	25.0	23.0	92.0		50	140
tert-Amyl Methyl ether	0	25.0	28.7	115		79	120
Naphthalene	0	25.0	27.2	109		55	140

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806202

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0806039-01*** ***Lab Sample ID for MSD*** ***P806202-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Dichlorodifluoromethane	0	25.0	21.4	85.6		2.31		30	155	30
Chloromethane	0	25.0	29.8	119		6.08		40	125	30
Vinyl chloride	0	25.0	23.3	93.2		1.65		50	145	30
Bromomethane	0	25.0	15.5	62.2		0.129		30	145	30
Chloroethane	0	25.0	21.2	84.8		10.5		60	135	30
Trichlorofluoromethane	0	25.0	25.3	101		1.83		60	145	30
1,1-Dichloroethene	0	25.0	26.9	107		1.99		70	130	30
Acrolein	0	125	144	115		2.17		54	142	30
Acetone	0	125	106	85.0		59.7	*	40	140	30
Acrylonitrile	0	25.0	24.2	97.0		0.787		71	129	30
Carbon disulfide	0	25.0	17.9	71.6		0.112		35	160	30
Methylene Chloride	0	25.0	24.0	96.0		0.627		55	140	30
trans-1,2-Dichloroethene	0	25.0	24.8	99.4		1.28		60	140	30
Vinyl acetate	0	25.0	28.6	114		3.54		72	121	30
Methyl tert-Butyl Ether	0	25.0	28.8	115		0.00		65	125	30
1,1-Dichloroethane	0	25.0	22.8	91.2		0.220		70	135	30
2-Butanone	0	125	127	101		10.6		30	150	30
cis-1,2-Dichloroethene	0	25.0	25.1	100		1.39		70	125	30
2,2-Dichloropropane	0	25.0	24.9	99.6		0.241		70	135	30
Bromochloromethane	0	25.0	24.7	99.0		0.162		65	130	30
Chloroform	0	25.0	24.2	96.9		0.699		65	135	30
1,1,1-Trichloroethane	0	25.0	24.9	99.4		1.13		65	130	30
1,1-Dichloropropene	0	25.0	25.4	101		1.95		75	130	30
Carbon Tetrachloride	0	25.0	26.1	104		1.08		65	140	30
1,2-Dichloroethane	0	25.0	27.0	108		1.23		70	130	30
Benzene	0	25.0	24.6	98.3		0.981		80	120	30
Trichloroethene	0	25.0	24.5	98.0		0.368		70	125	30
1,2-Dichloropropane	0	25.0	22.8	91.2		0.873		75	125	30
Dibromomethane	0	25.0	25.6	103		0.901		75	125	30
Bromodichloromethane	0	25.0	25.8	103		0.389		75	120	30
cis-1,3-Dichloropropene	0	25.0	26.2	105		1.34		70	130	30
4-Methyl-2-pentanone	0	125	147	117		3.34		60	135	30
Toluene	0	25.0	24.6	98.4		2.89		75	120	30
trans-1,3-Dichloropropene	0	25.0	28.1	112		0.355		55	140	30
1,1,2-Trichloroethane	0	25.0	24.9	99.7		0.765		75	125	30
1,3-Dichloropropane	0	25.0	24.5	98.0		0.0816		75	125	30
Tetrachloroethene	0	25.0	20.4	81.7		1.78		45	150	30
2-Hexanone	0	125	141	113		1.69		55	130	30
Dibromochloromethane	0	25.0	26.0	104		0.422		60	135	30
1,2-Dibromoethane	0	25.0	25.8	103		0.309		80	120	30
Chlorobenzene	0	25.0	22.1	88.4		1.93		80	120	30
1,1,1,2-Tetrachloroethane	0	25.0	24.5	98.0		0.123		80	130	30
Ethylbenzene	0	25.0	22.0	87.8		1.22		75	125	30
m-Xylene/p-Xylene	0	50.0	45.7	91.5		5.88		75	130	30
o-Xylene	0	25.0	21.8	87.4		0.0915		80	120	30
Styrene	0	25.0	22.4	89.5		0.712		65	135	30
Bromoform	0	25.0	27.7	111		0.108		70	130	30
Isopropylbenzene	0	25.0	22.5	90.1		0.668		75	125	30
1,2,3-Trichloropropane	0	25.0	28.3	113		0.247		75	125	30
1,1,2,2-Tetrachloroethane	0	25.0	25.2	101		2.49		65	130	30
Bromobenzene	0	25.0	22.5	90.0		0.797		75	125	30
n-Propylbenzene	0	25.0	23.1	92.6		0.0864		70	130	30
2-Chlorotoluene	0	25.0	23.0	91.9		1.40		75	125	30
4-Chlorotoluene	0	25.0	23.0	91.9		6.61		75	130	30

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806202

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Original Sample ***0806039-01*** ***Lab Sample ID for MSD*** ***P806202-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
1,3,5-Trimethylbenzene	0	25.0	21.6	86.3		1.88		75	130	30
tert-Butylbenzene	0	25.0	22.8	91.3		0.571		70	130	30
1,2,4-Trimethylbenzene	0	25.0	23.3	93.1		1.66		75	130	30
sec-Butylbenzene	0	25.0	24.7	98.7		1.01		70	125	30
1,3-Dichlorobenzene	0	25.0	21.9	87.5		0.865		75	125	30
1,4-Dichlorobenzene	0	25.0	22.1	88.3		0.454		75	125	30
1,2-Dichlorobenzene	0	25.0	22.8	91.0		0.570		70	120	30
4-Isopropyltoluene	0	25.0	23.0	92.0		3.12		75	130	30
n-Butylbenzene	0	25.0	24.0	96.0		0.374		70	135	30
1,2-Dibromo-3-chloropropane	0	25.0	28.1	113		3.88		50	130	30
1,2,4-Trichlorobenzene	0	25.0	24.7	98.8		1.80		65	135	30
1,2,3-Trichlorobenzene	0	25.0	25.8	103		1.29		55	140	30
Hexachlorobutadiene	0	25.0	22.8	91.0		1.09		50	140	30
Naphthalene	0	25.0	28.1	112		3.47		55	140	30

Subcontracted Report

0806042

(AML Sample Delivery Group, SDG)

ACCUTEST-Report F58134

(Laboratory)

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

07/08/08

Technical Report for

Analytical Management Laboratories

Long Street LF; Ft Bragg, NC

DO 109

Accutest Job Number: F58134

Sampling Date: 06/10/08

Report to:

Analytical Management Laboratories
15130 South Keeler
Olathe, KS 66062

ATTN: Malania Harris

Total number of pages in report: 12

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.

Test results relate only to samples analyzed.

Sections: 1 2 3 4

Table of Contents

-1-

Section 1: Sample Summary 3
Section 2: Sample Results 4
2.1: F58134-1: SLMW-13-5-08 5
Section 3: Misc. Forms 6
3.1: Chain of Custody 7
Section 4: GC Semi-volatiles - QC Data Summaries 9
4.1: Method Blank Summary 10
4.2: Blank Spike Summary 11
4.3: Matrix Spike/Matrix Spike Duplicate Summary 12

Sample Summary

Analytical Management Laboratories

Job No: F58134

Long Street LF; Ft Bragg, NC
Project No: DO 109

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F58134-1	06/10/08	08:40	JC	06/11/08	AQ	Water	SLMW-13-5-08

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	SLMW-13-5-08		
Lab Sample ID:	F58134-1	**Date Sampled:**	06/10/08
Matrix:	AQ - Water	**Date Received:**	06/11/08
Method:	SW846 8141B SW846 3510C	**Percent Solids:**	n/a
Project:	Long Street LF; Ft Bragg, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ01201.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

Organophosphorus Pesticides

CAS No.	Compound	Result	RL	MDL	Units	Q
35400-43-2	Bolstar	ND	1.9	0.49	ug/l	
2921-88-2	Chlorpyrifos	ND	1.9	0.49	ug/l	
56-72-4	Coumaphos	ND	1.9	0.49	ug/l	
8065-48-3	Demeton	ND	3.9	0.97	ug/l	
333-41-5	Diazinon	ND	1.9	0.49	ug/l	
62-73-7	Dichlorvos	ND	1.9	0.49	ug/l	
60-51-5	Dimethoate	ND	1.9	0.49	ug/l	
298-04-4	Disulfoton	ND	1.9	0.49	ug/l	
2104-64-5	EPN	ND	1.9	0.49	ug/l	
13194-48-4	Ethoprop	ND	1.9	0.49	ug/l	
56-38-2	Ethyl Parathion	ND	1.9	0.49	ug/l	
115-90-2	Fensulfothion	ND	1.9	0.49	ug/l	
55-38-9	Fenthion	ND	1.9	0.49	ug/l	
121-75-5	Malathion	ND	1.9	0.49	ug/l	
86-50-0	Methyl Azinphos	ND	1.9	0.49	ug/l	
298-00-0	Methyl Parathion	ND	1.9	0.49	ug/l	
150-50-5	Merphos	ND	4.9	1.9	ug/l	
7786-34-7	Mevinphos	ND	1.9	0.49	ug/l	
6923-22-4	Monocrotophos	ND	4.9	1.9	ug/l	
300-76-5	Naled	ND	1.9	0.97	ug/l	
298-02-2	Phorate	ND	1.9	0.49	ug/l	
3689-24-5	Sulfotep	ND	1.9	0.49	ug/l	
299-84-3	Ronnel	ND	1.9	0.49	ug/l	
22248-79-9	Stirophos	ND	1.9	0.49	ug/l	
107-49-3	TEPP	ND	4.9	1.9	ug/l	
34643-46-4	Tokuthion	ND	1.9	0.49	ug/l	
327-98-0	Trichloronate	ND	1.9	0.49	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
115-86-6	Triphenyl phosphate	81%		55-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

AML
Analytical Management Laboratories, Inc.
15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

F58134

42295

Page ____ of ____

Chain of Custody Record / Request for Analysis

Client Contact Name: JUD SMITH
Company Name: US ARMY CORPS OF ENGINEER
Address: 100 W OGLETHORPE AVE
City, State, Zip: SAVANNAH, GA 31401
Phone #: (912) 652-5673 Ext:
Fax #: (912) 652-5911
Email:

Project Name: OWS STREET LF FT BRAGG
Project Number:
Purchase Order Number: PO 109
Project Due Date:
Project Comments:
Print Sampler's Name: JON COOMBS

Analysis/Method to be Performed (Check all that apply)

Specify method # --->

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4°C / ICE	VOCs	SVOCs	Pesticides	PCBs	Herbicides	Metals (specify)	DRO	GRO	Explosives	Anions (specify)	ORGANICS 8141				Comments:
1	JLMW-13-5-08	6/10/08	0840	AQ	2						2											2				
2																										
3																										
4																										
5																										
6																										
7																										
8																										
9																										
10																										

Preservative: List total number of bottles for each preservative type.

Please include any information that may be useful in the analysis of the sample.
Example: high concentration
List analytes
MS/MSD

CUSTODY						
Relinquished By:		Date/Time: 6/10/08 1330	Received By: SHIPPER	Date/Time: 6/10/08 1330
Relinquished By:	FX	Date/Time:	Received By: J. COLAR	Date/Time: 6-11-08 10:00

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

1.8

Delivery Method
☐ Delivered in Person
☐ Courier
☐ UPS

Delivery Seals
☐ Yes ☐ No

Seals Intact
☐ Yes ☐ No

F58134: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F58134 CLIENT: US ARMY CORPS PROJECT: STREET LF FT BRAGG

DATE/TIME RECEIVED: 6-11-08 10:00 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 1.8

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 8425 9197 2993

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET
- [ ] WET ICE RECEIVED IN COOLER

TRIP BLANK INFORMATION

- [ ] TRIP BLANK PROVIDED
- [ ] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [ ] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DOES NOT MATCH LABEL(S)
- [ ] ID'S ON COC DOES NOT MATCH LABEL(S)
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS //
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

MISC. INFORMATION

NUMBER OF ENCORES ? _____

NUMBER OF 5035 FIELD KITS ? _____

NUMBER OF LAB FILTERED METALS ? _____

SUMMARY OF COMMENTS: _____

TECHNICIAN SIGNATURE/DATE LC 6-11-08 TECHNICIAN SIGNATURE/DATE F.M. 6-11-08 ASBD 12/17/07

F58134: Chain of Custody
Page 2 of 2

4

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F58134
Account: AMLKSO Analytical Management Laboratories
Project: Long Street LF; Ft Bragg, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25385-MB	ZZ01194.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71

4.1

4

The QC reported here applies to the following samples: **Method:** SW846 8141B

F58134-1

CAS No.	Compound	Result	RL	MDL	Units	Q
35400-43-2	Bolstar	ND	2.0	0.50	ug/l	
2921-88-2	Chlorpyrifos	ND	2.0	0.50	ug/l	
56-72-4	Coumaphos	ND	2.0	0.50	ug/l	
8065-48-3	Demeton	ND	4.0	1.0	ug/l	
333-41-5	Diazinon	ND	2.0	0.50	ug/l	
62-73-7	Dichlorvos	ND	2.0	0.50	ug/l	
60-51-5	Dimethoate	ND	2.0	0.50	ug/l	
298-04-4	Disulfoton	ND	2.0	0.50	ug/l	
2104-64-5	EPN	ND	2.0	0.50	ug/l	
13194-48-4	Ethoprop	ND	2.0	0.50	ug/l	
56-38-2	Ethyl Parathion	ND	2.0	0.50	ug/l	
115-90-2	Fensulfothion	ND	2.0	0.50	ug/l	
55-38-9	Fenthion	ND	2.0	0.50	ug/l	
121-75-5	Malathion	ND	2.0	0.50	ug/l	
86-50-0	Methyl Azinphos	ND	2.0	0.50	ug/l	
298-00-0	Methyl Parathion	ND	2.0	0.50	ug/l	
150-50-5	Merphos	ND	5.0	2.0	ug/l	
7786-34-7	Mevinphos	ND	2.0	0.50	ug/l	
6923-22-4	Monocrotophos	ND	5.0	2.0	ug/l	
300-76-5	Naled	ND	2.0	1.0	ug/l	
298-02-2	Phorate	ND	2.0	0.50	ug/l	
3689-24-5	Sulfotep	ND	2.0	0.50	ug/l	
299-84-3	Ronnel	ND	2.0	0.50	ug/l	
22248-79-9	Stirophos	ND	2.0	0.50	ug/l	
107-49-3	TEPP	ND	5.0	2.0	ug/l	
34643-46-4	Tokuthion	ND	2.0	0.50	ug/l	
327-98-0	Trichloronate	ND	2.0	0.50	ug/l	

CAS No.	Surrogate Recoveries		Limits
115-86-6	Triphenyl phosphate	74%	55-128%

Blank Spike Summary

Job Number: F58134
Account: AMLKSO Analytical Management Laboratories
Project: Long Street LF; Ft Bragg, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25385-BS	ZZ01193.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71

4.2 4

The QC reported here applies to the following samples: **Method:** SW846 8141B

F58134-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
35400-43-2	Bolstar	5	4.3	86	58-119
2921-88-2	Chlorpyrifos	5	4.4	88	56-117
56-72-4	Coumaphos	5	4.4	88	56-129
8065-48-3	Demeton	10	7.7	77	54-114
333-41-5	Diazinon	5	4.8	96	57-122
62-73-7	Dichlorvos	5	3.7	74	58-111
298-04-4	Disulfoton	5	4.3	86	62-117
13194-48-4	Ethoprop	5	4.3	86	55-118
115-90-2	Fensulfothion	5	3.1	62	51-135
55-38-9	Fenthion	5	3.8	76	60-119
86-50-0	Methyl Azinphos	5	4.5	90	60-131
298-00-0	Methyl Parathion	5	4.9	98	62-125
150-50-5	Merphos	5	1.7	34 [a]	15-131
7786-34-7	Mevinphos	5	3.5	70	46-129
300-76-5	Naled	5	4.3	86	10-135
298-02-2	Phorate	5	4.2	84	61-118
299-84-3	Ronnel	5	4.5	90	58-116
22248-79-9	Stirophos	5	4.7	94	65-120
34643-46-4	Tokuthion	5	4.6	92	58-119
327-98-0	Trichloronate	5	5.2	104	58-134

CAS No.	Surrogate Recoveries	BSP	Limits
115-86-6	Triphenyl phosphate	90%	55-128%

(a) Calculated as Merphos Oxone.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F58134
Account: AMLKSO Analytical Management Laboratories
Project: Long Street LF; Ft Bragg, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25385-MS	ZZ01206.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71
OP25385-MSD	ZZ01207.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71
F58107-2	ZZ01199.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71

The QC reported here applies to the following samples: **Method:** SW846 8141B

F58134-1

CAS No.	Compound	F58107-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
35400-43-2	Bolstar	ND		9.62	7.6	79	7.9	82	4	58-119/10
2921-88-2	Chlorpyrifos	ND		9.62	7.7	80	8.0	83	4	56-117/16
56-72-4	Coumaphos	ND		9.62	8.2	85	8.3	86	1	56-129/11
8065-48-3	Demeton	ND		19.2	14.2	74	14.6	76	3	54-114/17
333-41-5	Diazinon	ND		9.62	8.4	87	8.8	92	5	57-122/15
62-73-7	Dichlorvos	ND		9.62	6.4	67	6.9	72	8	58-111/17
298-04-4	Disulfoton	ND		9.62	7.9	82	8.1	84	2	62-117/20
13194-48-4	Ethoprop	ND		9.62	7.8	81	8.2	85	5	55-118/15
115-90-2	Fensulfothion	ND		9.62	6.8	71	6.0	62	13	51-135/30
55-38-9	Fenthion	ND		9.62	6.7	70	6.9	72	3	60-119/13
86-50-0	Methyl Azinphos	ND		9.62	8.2	85	8.2	85	0	60-131/16
298-00-0	Methyl Parathion	ND		9.62	8.1	84	8.0	83	1	62-125/16
150-50-5	Merphos	ND		9.62	3.3	33	3.3	33	0	15-131/21
7786-34-7	Mevinphos	ND		9.62	7.0	73	6.6	69	6	46-129/23
300-76-5	Naled	ND		9.62	7.4	77	7.4	77	0	10-135/22
298-02-2	Phorate	ND		9.62	7.6	79	7.9	82	4	61-118/17
299-84-3	Ronnel	ND		9.62	8.3	86	8.6	89	4	58-116/14
22248-79-9	Stirophos	ND		9.62	8.1	84	8.3	86	2	65-120/13
34643-46-4	Tokuthion	ND		9.62	8.2	85	8.4	87	2	58-119/11
327-98-0	Trichloronate	ND		9.62	8.5	88	8.6	89	1	58-134/16

CAS No.	Surrogate Recoveries	MS	MSD	F58107-2	Limits
115-86-6	Triphenyl phosphate	82%	83%	74%	55-128%

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

July 9, 2008

Mr. Judson Smith
Project Chemist, CESAS-EN-GG
U.S. Army Corps of Engineers, Savannah District
100 W. Oglethorpe Ave.
P. O. Box 889
Savannah, GA 31401-0360
Phone: 912-652-5673
Fax: 912-652-5311

Dear Mr. Smith:

RE: Ft. Bragg Longstreet Landfill, DO# 0109
W912HN-05-D-0013
AML Work Order Number: **0806048**

Attached, please find the hardcopy analytical report (204 total pages) for environmental samples collected by CESAS for the project described above. The analytical results included in this report relate only to the samples received by Analytical Management Laboratories (AML). Problems encountered in the analysis of these samples are documented in the laboratory case narrative observations and non-conformances and/or data qualifiers. The case narrative is an integral part of this report. This report has been paginated and may not be reproduced for distribution, except in full, without the written approval of AML. Results are reported to three significant figures; the third significant figure may be estimated. Please feel free to contact me by phone (913-829-0101-ext. 23), fax (913-829-1181) or email (rstrauss@amlabinc.com) if you have any questions.

Respectfully Submitted,
Analytical Management Laboratories, Inc.

Rebecca E. Strauss

Rebecca Strauss
Project Manager

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Case Narrative

Project and Sample Information

Task order information, completed copies of the chain of custody form(s), and Analytical Management Laboratories (AML) sample condition upon receipt form (s) are included in the Project and Sample Information section. The AML laboratory information management system (LIMS)-generated sample status and receipt report, showing field sample identifiers and corresponding laboratory identifiers is also included.

Reports

The hardcopy laboratory reports and electronic data deliverables (EDDs) were prepared using the Promium Element Data System (LIMS). Under the procedure used by the laboratory, the hardcopy reports are generated using information contained in a database, which is also used to generate electronic deliverables to assure data integrity between the two media. The attached report is organized as follows:

Cover Letter
Laboratory Case Narrative
Sample Information
Sample Result Forms, organized in the following order: by test and by sample.

Quality Control (QC) Summary Reports, organized in the following order: by test, by matrix, and by QC batch number. The QC Summary for each analytical batch contains the following, when applicable:

1. QC Association Form
2. Surrogate Recovery Summary, when applicable
3. Method Blank (MB) Results
4. Laboratory Control Sample (LCS) Results
5. LCS duplicate (LCSD) Results, when available
6. LCS Recoveries Summary
7. LCSD (when applicable) Recoveries and RPD Summary
8. Matrix Spike (MS) Results
9. MS duplicate (MSD) Results
10. MS Recoveries Summary
11. MSD Recoveries and RPD Summary

Sample Result Forms
Sample results are shown on modified Form 1 equivalents with the following qualifiers:
U = Not detected or detected below method detection limit (MDL) or the limit of detection (LOD).
J = Detected above MDL or LOD but below the limit of quantitation (LOQ).

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

P = RPD >40% between primary and confirmation column results for dual column chromatographic methods (e.g. GC and HPLC methods).
E = Detected at levels in excess of the upper calibration limit.
B = Detected in the associated method blank
Q1 = The %D or %Drift for the associated CCV is outside the method and/or laboratory established QC limit with a high bias.
Q2 = The %D or %Drift for the associated CCV is outside the method and/or laboratory established QC limit with a low bias.
* = Exceeds QC limits
ME = Marginal exceedence of the 3-sigma QC limits
ME* = Exceedence of the 4-sigma QC limits
X = as defined in the case narrative when utilized

The LODs and LOQs have been adjusted for sample weight or volume, dilution, and percent solids, when applicable. MDLs are statistically defined, instrument-specific quantities, which are used as LODs for some tests. For situations when multiple MDLs exist for a test (e.g several instruments running the same test on a given matrix) or when MDLs are unachievable on a routine basis, LODs, which may be greater than MDL but typically one-half of the applicable LOQs are used to define cut-off points for reporting positive results. The LOQs are typically the lowest point on the initial calibration curve.

Quantitative results for analytes detected in the sample (positive results) are shown under the column labeled "Result". Results coded with the qualifier E should not be used unless additional analyses were unavailable due to other limitations. Data coded as E should not be compared to other data since non-linearity in calibration may be a severe problem for some analytes. Multiple sample result forms may be provided for one or more of the following reasons:
Sample was reanalyzed for surrogate or internal standard recovery outliers;
Sample was reanalyzed at a dilution;
One of the analyses was performed outside holding times;
A replicate analysis was performed for other quality control purposes;
Client requirements

QC Association Forms

The list consisting of MB, LCS, LCSD (if any), MS (whenever available), MSD (whenever available), and field samples from the reported AML work order that are associated with each QC batch are shown on QC Association Forms. Additional items such as PDS, SD may be included for some parameters (e.g metals). Separate forms are included for each QC batch, for each matrix and test.

Surrogate Recovery Forms

A summary of the system monitoring compound recoveries for organic analyses is included in this section. The QC limits from the Department of Defense Quality Systems Manual for Environmental Laboratories, Final Version 3, January 2006 is used in the reports, when available.

Method-specified limits or in-house limits are used as applicable. Corrective action involving re-extraction and/or reanalysis is performed for samples that exceed the surrogate QC limits.

Method Blank Result Forms

The QC limit for the Method Blank is set at one half of the applicable LOQ for each target analyte with the exception of common laboratory contaminants, which is set at the LOQ.

Laboratory Control Sample (LCS) Report Forms

Laboratory control samples were analyzed with each QC batch as described in the QC Association Form. Laboratory Control sample limits are set as a default to the DOD QSM limits when available. When the 3-sigma control limit is exceeded for any analyte, the LCS report is flagged "ME". The total number of method analytes, and the number of ME analytes are tracked and compared against the number allowed per NELAC and the DOD QSM. This information is summarized at the bottom of the recoveries summary reports. Analytes with LCS recoveries that exceed the 4-sigma limits are flagged ME* and reanalysis may be required for the affected analyte if it is a contaminant of concern. The relative percent differences (RPDs) for the LCS duplicates, a voluntary laboratory QC parameter, are computed to track in-house precision for method duplicates.

Matrix Spike/Matrix Spike Duplicate Recoveries Report Forms

The MS/MSD results are shown in Form-1 equivalents. See section on LCS for additional details. The RPDs for MS duplicates that are outside the applicable QC limits are flagged with an asterisk (*). The effect of matrix is taken into account in determining corrective action procedures based on MS and MSD results, recoveries, and RPD.

Calibration

Instruments were calibrated in accordance with applicable method. Deviations are noted as a non-conformance. Copies of initial calibration and calibration verification summaries and associated raw data will be maintained in laboratory files and made available for detailed client review.

Test Methods and Holding Times

Analyses were performed within applicable holding times except as noted on sample reports. See parameter specific non-conformances for more information.

Batch-specific Quality Control Procedures

Quality control data from method blanks and laboratory control samples are used as batch QC elements. In accordance with EPA, USACE, and DoD guidelines, QC data from matrix spikes are used as matrix-specific QC elements and QC data from surrogates, internal standard areas, etc. are used as sample-specific QC elements. When the batch QC elements are outside their QC limits, results for associated samples are evaluated and corrective actions that affect the entire sample set are performed.

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Matrix-specific or Sample-specific Quality Control Procedures

Sample concentrations exceeding the upper calibration limit, surrogate recoveries outside the QC limits, calibration parameters not within QC limits, etc. are used as sample-specific and/or sample-group specific QC elements for one or more associated samples during instrumental analysis. Serial dilution, standard addition, MS recoveries, etc. are used as matrix-specific QC elements for one or more associated samples. When these QC elements are outside their QC limits, associated individual sample results are evaluated and appropriate corrective actions are performed.

Manual Integration

Manual integration operations that have potential to improve accuracy of analysis are performed, as necessary (shown with an “M” flag on raw data) based on visual inspection of peak shapes for each target analyte. Such operations are technically defensible and they are not aimed at meeting the minimum technical requirements of the analytical procedure.

Statement

To the best of our knowledge, this data package is in compliance with the client terms and conditions, both technically and for completeness. Non-conformances are listed in the case narrative and/or data qualifiers for each parameter tested.

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

Analytical Management Laboratories, Inc.
est. 1993

Results of Laboratory Analysis

Project Information

Four (4) samples were received by AML on June 11, 2008 and logged in according to the Sample Status and Receipt Report included in this report. Reference the chain of custody and Sample Condition upon receipt Report for any non-conformances on receipt condition and temperature upon receipt.

Observations and Non-Conformances

Cyanide by method 335.2

There were no observations or non-conformances to report for this analysis.

Metals by method 6020A

There were no observations or non-conformances to report for this analysis.

Mercury by method 7470A

There were no observations or non-conformances to report for this analysis.

Nitrate by method SM 4500 NO3 E

Both preserved and unpreserved containers were received for Nitrate, only the preserved analysis by SM-4500-NO3 E was performed and reported as Nitrate/Nitrite as it was not able to be completed within the 48 hr analytical hold for Nitrate.

Batch P806313 – The method blank (MB) had low level contamination of Nitrate below the LOQ, but above the LOD at 0.0210 mg/L. Affected samples were “B” flagged and up to 10 times the amount found in the method blank may be attributable to potential laboratory contamination. As the contamination was below the LOD the data is considered acceptable and is reported with the narrative.

PCBs by method 8082

There were no observations or non-conformances to report for this analysis.

Pesticides method 8081B

Batch P806248 - LCS/LCSD and MS/MSD recoveries for delta-BHC were outside QC limits, the marginal exceedence is within the allowed number of outliers for the number of compounds reported.

Sulfide by method 376.2

Batch P806259 – MSD recovery for Sulfide was outside of QC limits biased high due to potential matrix interference. LCS/LCSD and MS recoveries were within QC limits.

15130 South Keeler, Olathe, Kansas 66062
Phone: (913) 829-0101 Fax : (913) 829-1181

SVOCs method 8270C
LCS/LCSD recoveries are outside QC limits as flagged on summary reports; the marginal exceedences are within the allowed number of outliers for the number of compounds reported. LCS/LCSD is acceptable.

Sample 0806048-02 was re-injected as 0806048-02RE1 due to more than one base/neutral fraction surrogate outside of QC limits. The reanalysis of sample 0806048-02RE1 had Terphenyl-d14 surrogate outside of QC limits. Two of the three surrogates for each fraction are within QC limits, which meets SOP criteria; thus no further action is required.

VOCs method 8260B
Compounds outside the laboratory established 20% Drift/Difference limit for the Continuing Calibration Verification have been "Q2" flagged. Iodomethane was outside QC limits biased low. Compounds are flagged to inform the user of the data that compounds fell outside the 20% criteria with a low bias. All SPCC/CCC compounds were within QC limits indicating a valid CCV.

LCSD recoveries are outside QC limits as flagged on summary reports; the marginal exceedences are within the allowed number of outliers for the number of compounds reported. LCS/LCSD is acceptable.

Batch P806230 – MS recovery was outside QC limits biased low for Iodomethane, as flagged on the MS summary report. LCS/LCSD and MSD recoveries were within QC limits.

Subcontracted Analyses
Technical support for the following analyses was provided by Accutest Laboratories, Southeast 4405 Vineland Road, Suite C-15 Orlando, FL 32811. The analytical report prepared by the subcontract laboratory is included. EDDs for these parameters provided by Accutest.
Organophosphorus Pesticides

Field Sample Information

(Chain of Custody Record, Sample Receipt Report, Condition Upon Receipt Report)

0806048

(Sample Delivery Group, SDG)

AML
Analytical Management Laboratories, Inc.
15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

42716

Page ____ of ____

Chain of Custody Record / Request for Analysis

Client Contact Name: JUD SMITH
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W OGLETHORPE AVE
City, State, Zip: SAVANNAH, GA 31401
Phone #: (912) 652-5673 Ext:
Fax #: (912) 652-5311
Email:

Project Name: LONGSTREET LF FT BRAGG
Project Number:
Purchase Order Number: DO 109
Project Due Date:
Project Comments:
Print Sampler's Name: JON COOMBS

Analysis/Method to be Performed (Check all that apply)

Laboratory Project Number: 0806048

Specify method # ---> 8260 8270 8081 8082 3030

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4°C ICE	NaOH/ZnAc	VOCs	SVOCs	Pesticides	PCBs	Herbicides	Metals (specify) ACPII	DRO	GRO	Explosives	Anions (specify)	SULFIDE	NITRATE H_2SO_4	NITRATE ICE	CYANIDE	Comments:
0806048-01	SW-1-5-08	6/11/08	0900	AQ	12	3	1	1	1		5	1	3	2	1	1		1					1	1	1	1	
0806048-02	SW-2-5-08	6/11/08	0815	AQ	12	3	1	1	1		5	1	3	2	1	1		1					1	1	1	1	
0806048-03	SLMW-BLANK	6/11/08	0830	AQ	12	3	1	1	1		5	1	3	2	1	1		1					1	1	1	1	
0806048-04	TRIP BLANK	6/11/08		AQ	2	2							2														
5																											
6																											
7																											
8																											
9																											
10																											

Please include any information that may be useful in the analysis of the sample.
Example: high concentration
List analytes
MS/MSD

CUSTODY						
Relinquished By:	[signature]	Date/Time:	6/11/08 1030	Received By:	SHIPPER	Date/Time: 6/11/08 1030
Relinquished By:		Date/Time:		Received By:	[signature]	Date/Time: 6/12/08 0930am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier FedEx ☐ Airbill #: See Sample Rept Form	☑ Yes ☐ No ☑ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	____ °C ☐ Temp. Blank ☑ Cooler	AML36: 1.9°C AML306: 1.9°C

AML
Analytical Management Laboratories, Inc.
15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

8141

42717

Page ____ of ____

Chain of Custody Record / Request for Analysis

Client Contact Name: JUD SMITH
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W OGLETHORPE AVE
City, State, Zip: SAVANNAH, GA 31401
Phone #: (912) 652-5673 Ext:
Fax #: (912) 652-5311
Email:

Project Name: LONGSTREET LF FT BRAGG
Project Number:
Purchase Order Number: DO 109
Project Due Date:
Project Comments:
Print Sampler's Name: JON COOMBS

Analysis/Method to be Performed (Check all that apply)

Laboratory Project Number: 8806068

Specify method # ---> 8141

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4°C ICE	VOCs	SVOCs	Pesticides	PCBs	Herbicides	Metals (specify)	DRO	GRO	Explosives	Anions (specify)	ORGANOPHOSPH					Comments:
8806068-01	SW-1-5-08	6/11/08	0900	AQ	2						2											2					
8806068-02	SW-2-5-08	6/11/08	0815	AQ	2						2											2					
8806068-03	SLMW-BLANK	6/11/08	0830	AQ	2						2											2					
4																											
5																											
6																											
7																											
8																											
9																											
10																											

Preservative: List total number of bottles for each preservative type.

Please include any information that may be useful in the analysis of the sample.
Example: high concentration
List analytes
MS/MSD

CUSTODY							
Relinquished By:	[signature]	Date/Time:	6/11/08 1030	Received By:	SHIPPER	Date/Time:	6/11/08 1030
Relinquished By:		Date/Time:		Received By:		Date/Time:	

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method: ☐ Delivered in Person ☐ Courier: ☐ Airbill:
Custody Seals: ☐ Yes ☐ No ☐ Intact ☐ Broken
Condition: ☐ Ice ☐ Blue Ice ☐ None
Cooler Temp: ____ °C ☐ Temp Blank ☐ Sample
Working Days Required:

Analytical Management Laboratories - Sample Status and Receipt Report

AML Project Number 0806048

Work Order Due Date 06/26/08

Work Order TAT 14

Client AML ID USACE Savannah

Client Project ID Longstreet LF, Ft Bragg, NC, DO# 109

Report Lvl. 3

AML Sample	*Matrix*	Client Sample ID	Date Collected	Projected Analytical Due Date	Analysis	Comments
0806048-01	Water	SW-1-5-08	06/11/08 09:00	06/24/08	8141	
0806048-01	Water	SW-1-5-08	06/11/08 09:00	06/24/08	NO2 and NO3 by 300.0	Nitrate
0806048-01	Water	SW-1-5-08	06/11/08 09:00	06/24/08	PCBs by 8082	
0806048-01	Water	SW-1-5-08	06/11/08 09:00	06/24/08	SVOCs, BNA by 8270C	
0806048-01	Water	SW-1-5-08	06/11/08 09:00	06/24/08	Cyanide by 335.2	
0806048-01	Water	SW-1-5-08	06/11/08 09:00	06/24/08	Metals, Hg by 7470A	
0806048-01	Water	SW-1-5-08	06/11/08 09:00	06/24/08	Metals by 6010B	Appendix II Metals
0806048-01	Water	SW-1-5-08	06/11/08 09:00	06/24/08	Sulfide by 376.2	
0806048-01	Water	SW-1-5-08	06/11/08 09:00	06/24/08	Metals by 6020A	Appendix II Metals
0806048-01	Water	SW-1-5-08	06/11/08 09:00	06/24/08	VOCs by 8260B	
0806048-01	Water	SW-1-5-08	06/11/08 09:00	06/24/08	Pesticides by 8081B	
0806048-02	Water	SW-2-5-08	06/11/08 08:15	06/24/08	Metals by 6010B	Appendix II Metals
0806048-02	Water	SW-2-5-08	06/11/08 08:15	06/24/08	Metals by 6020A	Appendix II Metals
0806048-02	Water	SW-2-5-08	06/11/08 08:15	06/24/08	NO2 and NO3 by 300.0	Nitrate
0806048-02	Water	SW-2-5-08	06/11/08 08:15	06/24/08	Pesticides by 8081B	
0806048-02	Water	SW-2-5-08	06/11/08 08:15	06/24/08	Sulfide by 376.2	
0806048-02	Water	SW-2-5-08	06/11/08 08:15	06/24/08	SVOCs, BNA by 8270C	
0806048-02	Water	SW-2-5-08	06/11/08 08:15	06/24/08	8141	
0806048-02	Water	SW-2-5-08	06/11/08 08:15	06/24/08	Metals, Hg by 7470A	
0806048-02	Water	SW-2-5-08	06/11/08 08:15	06/24/08	PCBs by 8082	
0806048-02	Water	SW-2-5-08	06/11/08 08:15	06/24/08	Cyanide by 335.2	
0806048-02	Water	SW-2-5-08	06/11/08 08:15	06/24/08	VOCs by 8260B	

Analytical Management Laboratories - Sample Status and Receipt Report

AML Project Number	0806048	**Client AML ID**	USACE Savannah	**Report Lvl.** 3
Work Order Due Date	06/26/08	**Client Project ID**	Longstreet LF, Ft Bragg, NC, DO# 109	
Work Order TAT	14			

AML Sample	*Matrix*	Client Sample ID	Date Collected	Projected Analytical Due Date	Analysis	Comments
0806048-03	Water	SLMW-BLANK	06/11/08 08:30	06/24/08	Metals, Hg by 7470A	
0806048-03	Water	SLMW-BLANK	06/11/08 08:30	06/24/08	Metals by 6020A	Appendix II Metals
0806048-03	Water	SLMW-BLANK	06/11/08 08:30	06/24/08	VOCs by 8260B	
0806048-03	Water	SLMW-BLANK	06/11/08 08:30	06/24/08	Metals by 6010B	Appendix II Metals
0806048-03	Water	SLMW-BLANK	06/11/08 08:30	06/24/08	Sulfide by 376.2	
0806048-03	Water	SLMW-BLANK	06/11/08 08:30	06/24/08	SVOCs, BNA by 8270C	
0806048-03	Water	SLMW-BLANK	06/11/08 08:30	06/24/08	PCBs by 8082	
0806048-03	Water	SLMW-BLANK	06/11/08 08:30	06/24/08	8141	
0806048-03	Water	SLMW-BLANK	06/11/08 08:30	06/24/08	NO2 and NO3 by 300.0	Nitrate
0806048-03	Water	SLMW-BLANK	06/11/08 08:30	06/24/08	Cyanide by 335.2	
0806048-03	Water	SLMW-BLANK	06/11/08 08:30	06/24/08	Pesticides by 8081B	
0806048-04	Water	Trip Blank	06/11/08 00:00	06/24/08	VOCs by 8260B	

Analytical Management Laboratories, Inc.

AML - Sample Condition Upon Receipt Report
(See Comments for exceptions)

Client ID: USACE Sav

AML Work Order Number: 0806048

Project ID: Longstreet LF, Ft Bragg, NC, DO# 1

Cooler ID: AML306

Delivery Method

Delivery Method: Fed Ex

Name of Person Receiving Samples: Nissa Said

Airbill Number: 842599211136

Custody Seals

Were Custody Seals Present? Yes

Cooler Opened By: Nissa Said

Were Custody Seals Intact? Yes

Date Opened 6/12/2008

Packaging / Coolant / Temperature

Type of Coolant Used: Ice

Temperature of Cooler: 1.90°C

Type of Packing Used: Bubble Wrap

Did all the bottles arrive unbroken? Yes

Were all bottles sealed in separate plastic bags? Yes

Chain of Custody

Was Chain of Custody filled out properly? Yes

Do Chain of Custody and Sample Labels agree? Yes

Comments/ Exceptions: AML306: 842599211136, AML36: 795515483757

Were all sample labels complete? Yes

Was a sufficient amount of sample sent for analysis? Yes

Were samples received in proper containers? Yes

Were air bubbles absent in VOA samples? Yes

Was sample pH within QC limits? Yes (if no see comments)

Was project manager contacted about any "out of control" issues? Yes

Samples Received by: Nissa Said

Project Manager Review: CMb

Date: 6/30/08

Analytical Management Laboratories, Inc.

AML - Sample Condition Upon Receipt Report
(See Comments for exceptions)

Client ID: USACE_Sav

AML Work Order Number: 0806048

Project ID: Longstreet LF, Ft Bragg, NC, DO# 1

Cooler ID: AML36

Delivery Method

Delivery Method: Fed Ex

Name of Person Receiving Samples: Nissa Said

Airbill Number: 842599211136

Custody Seals

Were Custody Seals Present? Yes

Cooler Opened By: Nissa Said

Were Custody Seals Intact? Yes

Date Opened 6/12/2008

Packaging / Coolant / Temperature

Type of Coolant Used: Ice

Temperature of Cooler: 1.90°C

Type of Packing Used: Bubble Wrap

Did all the bottles arrive unbroken? Yes

Were all bottles sealed in separate plastic bags? Yes

Chain of Custody

Was Chain of Custody filled out properly? Yes

Do Chain of Custody and Sample Labels agree? Yes

Comments/ Exceptions: AML306: 842599211136, AML36: 795515483757

Were all sample labels complete? Yes

Was a sufficient amount of sample sent for analysis? Yes

Were samples received in proper containers? Yes

Were air bubbles absent in VOA samples? NA

Was sample pH within QC limits? Yes (if no see comments)

Was project manager contacted about any "out of control" issues? Yes

Samples Received by: Nissa Said

Project Manager Review: [signature]

Date: 6/30/08

Field Sample Analysis Data Sheets

(Form I equivalents)

0806048

(Sample Delivery Group, SDG)

335.2

(Parameter)

P806315

(Analytical Batch)

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-1-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806048-01
% Solids:	NA	Date Collected:	06/11/08 09:00
Analytical Method:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	06/12/08 09:30
Batch:	P806315	Date Leached:	NA
Leach Method:		Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)		mg/L	U	0.0125	0.0250	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-2-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806048-02
% Solids:	NA	Date Collected:	06/11/08 08:15
Analytical Method:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	06/12/08 09:30
Batch:	P806315	Date Leached:	NA
Leach Method:		Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)		mg/L	U	0.0125	0.0250	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-BLANK
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806048-03
% Solids:	NA	Date Collected:	06/11/08 08:30
Analytical Method:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	06/12/08 09:30
Batch:	P806315	Date Leached:	NA
Leach Method:		Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)		mg/L	U	0.0125	0.0250	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806048

(Sample Delivery Group, SDG)

6020A

(Parameter)

P806239

(Analytical Batch)

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-1-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806048-01
% Solids:	NA	Date Collected:	06/11/08 09:00
Analytical Method:	6020A	Date Analyzed:	06/13/08 19:25
Preparation:	SM3030C	Date Received:	06/12/08 09:30
Batch:	P806239	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 09:34

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic	1.73	ug/L	J	1.00	2.00	1
7440-39-3	Barium	20.0	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium	5.46	ug/L		2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7439-97-6	Mercury		ug/L	U	0.250	0.500	1
7440-02-0	Nickel	1.02	ug/L	J	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-31-5	Tin		ug/L	U	2.50	5.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc	9.66	ug/L	J	5.00	10.0	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-2-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806048-02
% Solids:	NA	Date Collected:	06/11/08 08:15
Analytical Method:	6020A	Date Analyzed:	06/13/08 20:02
Preparation:	SM3030C	Date Received:	06/12/08 09:30
Batch:	P806239	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 09:34

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic	9.01	ug/L		1.00	2.00	1
7440-39-3	Barium	26.6	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium	3.80	ug/L	J	2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7439-97-6	Mercury		ug/L	U	0.250	0.500	1
7440-02-0	Nickel		ug/L	U	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-31-5	Tin		ug/L	U	2.50	5.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc	9.18	ug/L	J	5.00	10.0	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-BLANK
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806048-03
% Solids:	NA	Date Collected:	06/11/08 08:30
Analytical Method:	6020A	Date Analyzed:	06/13/08 20:08
Preparation:	SM3030C	Date Received:	06/12/08 09:30
Batch:	P806239	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 09:34

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium	2.98	ug/L		0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-47-3	Chromium	3.27	ug/L	J	2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7439-97-6	Mercury		ug/L	U	0.250	0.500	1
7440-02-0	Nickel		ug/L	U	1.00	2.00	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-31-5	Tin		ug/L	U	2.50	5.00	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc	12.2	ug/L		5.00	10.0	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806048

(Sample Delivery Group, SDG)

7470A

(Parameter)

P806237

(Analytical Batch)

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-1-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806048-01
% Solids:	NA	Date Collected:	06/11/08 09:00
Analytical Method:	7470A	Date Analyzed:	06/16/08 17:08
Preparation:	EPA 7470A Prep	Date Received:	06/12/08 09:30
Batch:	P806237	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-2-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806048-02
% Solids:	NA	Date Collected:	06/11/08 08:15
Analytical Method:	7470A	Date Analyzed:	06/16/08 17:10
Preparation:	EPA 7470A Prep	Date Received:	06/12/08 09:30
Batch:	P806237	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Note:

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-BLANK
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	0806048-03
% Solids:	NA	Date Collected:	06/11/08 08:30
Analytical Method:	7470A	Date Analyzed:	06/16/08 17:12
Preparation:	EPA 7470A Prep	Date Received:	06/12/08 09:30
Batch:	P806237	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806048

(Sample Delivery Group, SDG)

SM-4500-NO3 E

(Parameter)

P806313

(Analytical Batch)

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-1-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806048-01
% Solids:	NA	Date Collected:	06/11/08 09:00
Analytical Method:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	06/12/08 09:30
Batch:	P806313	Date Leached:	NA
Leach Method:		Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.214	mg/L	B	0.0200	0.0400	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-2-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806048-02
% Solids:	NA	Date Collected:	06/11/08 08:15
Analytical Method:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	06/12/08 09:30
Batch:	P806313	Date Leached:	NA
Leach Method:		Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.0700	mg/L	B	0.0200	0.0400	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-BLANK
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806048-03
% Solids:	NA	Date Collected:	06/11/08 08:30
Analytical Method:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	06/12/08 09:30
Batch:	P806313	Date Leached:	NA
Leach Method:		Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.0380	mg/L	B, J	0.0200	0.0400	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806048

(Sample Delivery Group, SDG)

8082

(Parameter)

P806248

(Analytical Batch)

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-1-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	950 mL / 5.0 mL	Lab Sample ID:	0806048-01
% Solids:	NA	Date Collected:	06/11/08 09:00
Analytical Method:	8082	Date Analyzed:	06/18/08 23:00
Preparation:	EPA 3510C	Date Received:	06/12/08 09:30
Batch:	P806248	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016		ug/L	U	0.211	1.05	1
11104-28-2	Aroclor-1221		ug/L	U	0.211	1.05	1
11141-16-5	Aroclor-1232		ug/L	U	0.211	1.05	1
53469-21-9	Aroclor-1242		ug/L	U	0.211	1.05	1
12672-29-6	Aroclor-1248		ug/L	U	0.211	1.05	1
11097-69-1	Aroclor-1254		ug/L	U	0.211	1.05	1
11096-82-5	Aroclor-1260		ug/L	U	0.211	1.05	1
11100-14-4	Aroclor-1268		ug/L	U	0.211	1.05	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-2-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	0806048-02
% Solids:	NA	Date Collected:	06/11/08 08:15
Analytical Method:	8082	Date Analyzed:	06/18/08 23:14
Preparation:	EPA 3510C	Date Received:	06/12/08 09:30
Batch:	P806248	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016		ug/L	U	0.200	1.00	1
11104-28-2	Aroclor-1221		ug/L	U	0.200	1.00	1
11141-16-5	Aroclor-1232		ug/L	U	0.200	1.00	1
53469-21-9	Aroclor-1242		ug/L	U	0.200	1.00	1
12672-29-6	Aroclor-1248		ug/L	U	0.200	1.00	1
11097-69-1	Aroclor-1254		ug/L	U	0.200	1.00	1
11096-82-5	Aroclor-1260		ug/L	U	0.200	1.00	1
11100-14-4	Aroclor-1268		ug/L	U	0.200	1.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-BLANK
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	0806048-03
% Solids:	NA	Date Collected:	06/11/08 08:30
Analytical Method:	8082	Date Analyzed:	06/18/08 23:28
Preparation:	EPA 3510C	Date Received:	06/12/08 09:30
Batch:	P806248	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016		ug/L	U	0.200	1.00	1
11104-28-2	Aroclor-1221		ug/L	U	0.200	1.00	1
11141-16-5	Aroclor-1232		ug/L	U	0.200	1.00	1
53469-21-9	Aroclor-1242		ug/L	U	0.200	1.00	1
12672-29-6	Aroclor-1248		ug/L	U	0.200	1.00	1
11097-69-1	Aroclor-1254		ug/L	U	0.200	1.00	1
11096-82-5	Aroclor-1260		ug/L	U	0.200	1.00	1
11100-14-4	Aroclor-1268		ug/L	U	0.200	1.00	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806048

(Sample Delivery Group, SDG)

8081B

(Parameter)

P806248

(Analytical Batch)

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-1-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	950 mL / 5.0 mL	Lab Sample ID:	0806048-01
% Solids:	NA	Date Collected:	06/11/08 09:00
Analytical Method:	8081B	Date Analyzed:	06/17/08 22:52
Preparation:	EPA 3510C	Date Received:	06/12/08 09:30
Batch:	P806248	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD		ug/L	U	0.0263	0.0526	1
72-55-9	4,4'-DDE		ug/L	U	0.0263	0.0526	1
50-29-3	4,4'-DDT		ug/L	U	0.0263	0.0526	1
309-00-2	Aldrin		ug/L	U	0.0132	0.0263	1
319-84-6	alpha-BHC		ug/L	U	0.0132	0.0263	1
57-74-9	Chlordane (Technical)		ug/L	U	0.263	0.526	1
5103-71-9	alpha-Chlordane		ug/L	U	0.0132	0.0263	1
319-85-7	beta-BHC		ug/L	U	0.0132	0.0263	1
319-86-8	delta-BHC		ug/L	U	0.0132	0.0263	1
60-57-1	Dieldrin		ug/L	U	0.0263	0.0526	1
959-98-8	Endosulfan I		ug/L	U	0.0132	0.0263	1
33213-65-9	Endosulfan II		ug/L	U	0.0263	0.0526	1
1031-07-8	Endosulfan sulfate		ug/L	U	0.0263	0.0526	1
72-20-8	Endrin		ug/L	U	0.0263	0.0526	1
7421-93-4	Endrin aldehyde		ug/L	U	0.0263	0.0526	1
53494-70-5	Endrin ketone		ug/L	U	0.0263	0.0526	1
58-89-9	gamma-BHC (Lindane)		ug/L	U	0.0132	0.0263	1
5103-74-2	gamma-Chlordane		ug/L	U	0.0132	0.0263	1
76-44-8	Heptachlor		ug/L	U	0.0132	0.0263	1
1024-57-3	Heptachlor epoxide		ug/L	U	0.0132	0.0263	1
72-43-5	Methoxychlor		ug/L	U	0.132	0.263	1
8001-35-2	Toxaphene		ug/L	U	1.05	2.11	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-2-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	0806048-02
% Solids:	NA	Date Collected:	06/11/08 08:15
Analytical Method:	8081B	Date Analyzed:	06/17/08 23:06
Preparation:	EPA 3510C	Date Received:	06/12/08 09:30
Batch:	P806248	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD		ug/L	U	0.0250	0.0500	1
72-55-9	4,4'-DDE		ug/L	U	0.0250	0.0500	1
50-29-3	4,4'-DDT		ug/L	U	0.0250	0.0500	1
309-00-2	Aldrin		ug/L	U	0.0125	0.0250	1
319-84-6	alpha-BHC		ug/L	U	0.0125	0.0250	1
57-74-9	Chlordane (Technical)		ug/L	U	0.250	0.500	1
5103-71-9	alpha-Chlordane		ug/L	U	0.0125	0.0250	1
319-84-6	beta-BHC		ug/L	U	0.0125	0.0250	1
319-86-8	delta-BHC		ug/L	U	0.0125	0.0250	1
60-57-1	Dieldrin		ug/L	U	0.0250	0.0500	1
959-98-8	Endosulfan I		ug/L	U	0.0125	0.0250	1
33213-65-9	Endosulfan II		ug/L	U	0.0250	0.0500	1
1031-07-8	Endosulfan sulfate		ug/L	U	0.0250	0.0500	1
72-20-8	Endrin		ug/L	U	0.0250	0.0500	1
7421-93-4	Endrin aldehyde		ug/L	U	0.0250	0.0500	1
53494-70-5	Endrin ketone		ug/L	U	0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)		ug/L	U	0.0125	0.0250	1
5103-74-2	gamma-Chlordane		ug/L	U	0.0125	0.0250	1
76-44-8	Heptachlor		ug/L	U	0.0125	0.0250	1
1024-57-3	Heptachlor epoxide	0.0296	ug/L	P	0.0125	0.0250	1
72-43-5	Methoxychlor		ug/L	U	0.125	0.250	1
8001-35-2	Toxaphene		ug/L	U	1.00	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-BLANK
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	0806048-03
% Solids:	NA	Date Collected:	06/11/08 08:30
Analytical Method:	8081B	Date Analyzed:	06/17/08 23:21
Preparation:	EPA 3510C	Date Received:	06/12/08 09:30
Batch:	P806248	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD		ug/L	U	0.0250	0.0500	1
72-55-9	4,4'-DDE		ug/L	U	0.0250	0.0500	1
50-29-3	4,4'-DDT		ug/L	U	0.0250	0.0500	1
309-00-2	Aldrin		ug/L	U	0.0125	0.0250	1
319-84-6	alpha-BHC		ug/L	U	0.0125	0.0250	1
57-74-9	Chlordane (Technical)		ug/L	U	0.250	0.500	1
5103-71-9	alpha-Chlordane		ug/L	U	0.0125	0.0250	1
319-85-7	beta-BHC		ug/L	U	0.0125	0.0250	1
319-86-8	delta-BHC		ug/L	U	0.0125	0.0250	1
60-57-1	Dieldrin		ug/L	U	0.0250	0.0500	1
959-98-8	Endosulfan I		ug/L	U	0.0125	0.0250	1
33213-65-9	Endosulfan II		ug/L	U	0.0250	0.0500	1
1031-07-8	Endosulfan sulfate		ug/L	U	0.0250	0.0500	1
72-20-8	Endrin		ug/L	U	0.0250	0.0500	1
7421-93-4	Endrin aldehyde		ug/L	U	0.0250	0.0500	1
53494-70-5	Endrin ketone		ug/L	U	0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)		ug/L	U	0.0125	0.0250	1
5103-74-2	gamma-Chlordane		ug/L	U	0.0125	0.0250	1
76-44-8	Heptachlor		ug/L	U	0.0125	0.0250	1
1024-57-3	Heptachlor epoxide		ug/L	U	0.0125	0.0250	1
72-43-5	Methoxychlor		ug/L	U	0.125	0.250	1
8001-35-2	Toxaphene		ug/L	U	1.00	2.00	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806048

(Sample Delivery Group, SDG)

376.2

(Parameter)

P806259

(Analytical Batch)

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-1-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	0806048-01
% Solids:	NA	Date Collected:	06/11/08 09:00
Analytical Method:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	06/12/08 09:30
Batch:	P806259	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide		mg/L	U	0.0500	0.178	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-2-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	0806048-02
% Solids:	NA	Date Collected:	06/11/08 08:15
Analytical Method:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	06/12/08 09:30
Batch:	P806259	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide		mg/L	U	0.0500	0.178	1

Note:

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-BLANK
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	0806048-03
% Solids:	NA	Date Collected:	06/11/08 08:30
Analytical Method:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	06/12/08 09:30
Batch:	P806259	Date Leached:	NA
Leach Method:		Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide		mg/L	U	0.0500	0.178	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806048

(Sample Delivery Group, SDG)

8270C

(Parameter)

P806289

(Analytical Batch)

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-1-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	0806048-01
% Solids:	NA	Date Collected:	06/11/08 09:00
Analytical Method:	8270C	Date Analyzed:	06/23/08 13:07
Preparation:	EPA 3510C	Date Received:	06/12/08 09:30
Batch:	P806289	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.250	10.0	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.230	10.0	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.360	10.0	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol		ug/L	U	0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol		ug/L	U	0.670	10.0	1
120-83-2	2,4-Dichlorophenol		ug/L	U	0.360	10.0	1
105-67-9	2,4-Dimethylphenol		ug/L	U	0.230	10.0	1
51-28-5	2,4-Dinitrophenol		ug/L	U	1.59	10.0	1
121-14-2	2,4-Dinitrotoluene		ug/L	U	0.350	10.0	1
606-20-2	2,6-Dinitrotoluene		ug/L	U	0.240	10.0	1
91-58-7	2-Chloronaphthalene		ug/L	U	0.160	10.0	1
95-57-8	2-Chlorophenol		ug/L	U	0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol		ug/L	U	0.950	10.0	1
91-57-6	2-Methylnaphthalene		ug/L	U	2.62	10.0	1
95-48-7	2-Methylphenol		ug/L	U	0.310	10.0	1
88-74-4	2-Nitroaniline		ug/L	U	0.430	10.0	1
88-75-5	2-Nitrophenol		ug/L	U	0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine		ug/L	U	1.46	10.0	1
99-09-2	3-Nitroaniline		ug/L	U	0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether		ug/L	U	0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol		ug/L	U	0.250	10.0	1
106-47-8	4-Chloroaniline		ug/L	U	0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether		ug/L	U	0.470	10.0	1
100-01-6	4-Nitroaniline		ug/L	U	3.53	10.0	1
100-02-7	4-Nitrophenol		ug/L	U	0.810	10.0	1
83-32-9	Acenaphthene		ug/L	U	0.180	10.0	1
208-96-8	Acenaphthylene		ug/L	U	0.120	10.0	1
120-12-7	Anthracene		ug/L	U	0.220	10.0	1
56-55-3	Benzo(a)anthracene		ug/L	U	0.090	10.0	1
50-32-8	Benzo(a)pyrene		ug/L	U	0.120	10.0	1
205-99-2	Benzo(b)fluoranthene		ug/L	U	0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene		ug/L	U	0.440	10.0	1
207-08-9	Benzo(k)fluoranthene		ug/L	U	0.860	10.0	1
65-85-0	Benzoic acid		ug/L	U	2.35	10.0	1
100-51-6	Benzyl alcohol		ug/L	U	0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane		ug/L	U	0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether		ug/L	U	0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether		ug/L	U	0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate		ug/L	U	0.590	10.0	1
85-68-7	Butyl benzyl phthalate		ug/L	U	0.410	10.0	1
86-74-8	Carbazole		ug/L	U	0.340	10.0	1
218-01-9	Chrysene		ug/L	U	0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene		ug/L	U	2.26	10.0	1
132-64-9	Dibenzofuran		ug/L	U	0.170	10.0	1
84-66-2	Diethyl phthalate		ug/L	U	0.410	10.0	1
131-11-3	Dimethyl phthalate		ug/L	U	0.310	10.0	1
84-74-2	Di-n-butyl phthalate		ug/L	U	0.220	10.0	1
117-84-0	Di-n-octyl phthalate		ug/L	U	1.88	10.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-1-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	0806048-01
% Solids:	NA	Date Collected:	06/11/08 09:00
Analytical Method:	8270C	Date Analyzed:	06/23/08 13:07
Preparation:	EPA 3510C	Date Received:	06/12/08 09:30
Batch:	P806289	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
122-39-4	Diphenylamine		ug/L	U	0.630	10.0	1
206-44-0	Fluoranthene		ug/L	U	0.220	10.0	1
86-73-7	Fluorene		ug/L	U	0.420	10.0	1
118-74-1	Hexachlorobenzene		ug/L	U	0.130	10.0	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene		ug/L	U	0.320	10.0	1
67-72-1	Hexachloroethane		ug/L	U	0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene		ug/L	U	1.56	10.0	1
78-59-1	Isophorone		ug/L	U	0.120	10.0	1
91-20-3	Naphthalene		ug/L	U	0.240	10.0	1
98-95-3	Nitrobenzene		ug/L	U	0.330	10.0	1
62-75-9	N-Nitrosodimethylamine		ug/L	U	0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine		ug/L	U	0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine		ug/L	U	0.140	10.0	1
87-86-5	Pentachlorophenol		ug/L	U	0.300	10.0	1
85-01-8	Phenanthrene		ug/L	U	0.240	10.0	1
108-95-2	Phenol	1.77	ug/L	J	0.120	10.0	1
129-00-0	Pyrene		ug/L	U	0.400	10.0	1
34MP	3 & 4 Methylphenol		ug/L	U	4.00	20.0	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-2-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	0806048-02
% Solids:	NA	Date Collected:	06/11/08 08:15
Analytical Method:	8270C	Date Analyzed:	06/23/08 13:32
Preparation:	EPA 3510C	Date Received:	06/12/08 09:30
Batch:	P806289	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.250	10.0	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.230	10.0	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.360	10.0	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol		ug/L	U	0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol		ug/L	U	0.670	10.0	1
120-83-2	2,4-Dichlorophenol		ug/L	U	0.360	10.0	1
105-67-9	2,4-Dimethylphenol		ug/L	U	0.230	10.0	1
51-28-5	2,4-Dinitrophenol		ug/L	U	1.59	10.0	1
121-14-2	2,4-Dinitrotoluene		ug/L	U	0.350	10.0	1
606-20-2	2,6-Dinitrotoluene		ug/L	U	0.240	10.0	1
91-58-7	2-Chloronaphthalene		ug/L	U	0.160	10.0	1
95-57-8	2-Chlorophenol		ug/L	U	0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol		ug/L	U	0.950	10.0	1
91-57-6	2-Methylnaphthalene		ug/L	U	2.62	10.0	1
95-48-7	2-Methylphenol		ug/L	U	0.310	10.0	1
88-74-4	2-Nitroaniline		ug/L	U	0.430	10.0	1
88-75-5	2-Nitrophenol		ug/L	U	0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine		ug/L	U	1.46	10.0	1
99-09-2	3-Nitroaniline		ug/L	U	0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether		ug/L	U	0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol		ug/L	U	0.250	10.0	1
106-47-8	4-Chloroaniline		ug/L	U	0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether		ug/L	U	0.470	10.0	1
100-01-6	4-Nitroaniline		ug/L	U	3.53	10.0	1
100-02-7	4-Nitrophenol		ug/L	U	0.810	10.0	1
83-32-9	Acenaphthene		ug/L	U	0.180	10.0	1
208-96-8	Acenaphthylene		ug/L	U	0.120	10.0	1
120-12-7	Anthracene		ug/L	U	0.220	10.0	1
56-55-3	Benzo(a)anthracene		ug/L	U	0.090	10.0	1
50-32-8	Benzo(a)pyrene		ug/L	U	0.120	10.0	1
205-99-2	Benzo(b)fluoranthene		ug/L	U	0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene		ug/L	U	0.440	10.0	1
207-08-9	Benzo(k)fluoranthene		ug/L	U	0.860	10.0	1
65-85-0	Benzoic acid		ug/L	U	2.35	10.0	1
100-51-6	Benzyl alcohol		ug/L	U	0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane		ug/L	U	0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether		ug/L	U	0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether		ug/L	U	0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate		ug/L	U	0.590	10.0	1
85-68-7	Butyl benzyl phthalate		ug/L	U	0.410	10.0	1
86-74-8	Carbazole		ug/L	U	0.340	10.0	1
218-01-9	Chrysene		ug/L	U	0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene		ug/L	U	2.26	10.0	1
132-64-9	Dibenzofuran		ug/L	U	0.170	10.0	1
84-66-2	Diethyl phthalate	1.63	ug/L	J	0.410	10.0	1
131-11-3	Dimethyl phthalate		ug/L	U	0.310	10.0	1
84-74-2	Di-n-butyl phthalate		ug/L	U	0.220	10.0	1
117-84-0	Di-n-octyl phthalate		ug/L	U	1.88	10.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-2-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	0806048-02
% Solids:	NA	Date Collected:	06/11/08 08:15
Analytical Method:	8270C	Date Analyzed:	06/23/08 13:32
Preparation:	EPA 3510C	Date Received:	06/12/08 09:30
Batch:	P806289	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
122-39-4	Diphenylamine		ug/L	U	0.630	10.0	1
206-44-0	Fluoranthene		ug/L	U	0.220	10.0	1
86-73-7	Fluorene		ug/L	U	0.420	10.0	1
118-74-1	Hexachlorobenzene		ug/L	U	0.130	10.0	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene		ug/L	U	0.320	10.0	1
67-72-1	Hexachloroethane		ug/L	U	0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene		ug/L	U	1.56	10.0	1
78-59-1	Isophorone		ug/L	U	0.120	10.0	1
91-20-3	Naphthalene		ug/L	U	0.240	10.0	1
98-95-3	Nitrobenzene		ug/L	U	0.330	10.0	1
62-75-9	N-Nitrosodimethylamine		ug/L	U	0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine		ug/L	U	0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine		ug/L	U	0.140	10.0	1
87-86-5	Pentachlorophenol		ug/L	U	0.300	10.0	1
85-01-8	Phenanthrene		ug/L	U	0.240	10.0	1
108-95-2	Phenol	3.00	ug/L	J	0.120	10.0	1
129-00-0	Pyrene		ug/L	U	0.400	10.0	1
34MP	3 & 4 Methylphenol		ug/L	U	4.00	20.0	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-2-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	0806048-02RE1
% Solids:	NA	Date Collected:	06/11/08 08:15
Analytical Method:	8270C	Date Analyzed:	06/23/08 15:40
Preparation:	EPA 3510C	Date Received:	06/12/08 09:30
Batch:	P806289	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.250	10.0	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.230	10.0	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.360	10.0	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol		ug/L	U	0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol		ug/L	U	0.670	10.0	1
120-83-2	2,4-Dichlorophenol		ug/L	U	0.360	10.0	1
105-67-9	2,4-Dimethylphenol		ug/L	U	0.230	10.0	1
51-28-5	2,4-Dinitrophenol		ug/L	U	1.59	10.0	1
121-14-2	2,4-Dinitrotoluene		ug/L	U	0.350	10.0	1
606-20-2	2,6-Dinitrotoluene		ug/L	U	0.240	10.0	1
91-58-7	2-Chloronaphthalene		ug/L	U	0.160	10.0	1
95-57-8	2-Chlorophenol		ug/L	U	0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol		ug/L	U	0.950	10.0	1
91-57-6	2-Methylnaphthalene		ug/L	U	2.62	10.0	1
95-48-7	2-Methylphenol		ug/L	U	0.310	10.0	1
88-74-4	2-Nitroaniline		ug/L	U	0.430	10.0	1
88-75-5	2-Nitrophenol		ug/L	U	0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine		ug/L	U	1.46	10.0	1
99-09-2	3-Nitroaniline		ug/L	U	0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether		ug/L	U	0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol		ug/L	U	0.250	10.0	1
106-47-8	4-Chloroaniline		ug/L	U	0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether		ug/L	U	0.470	10.0	1
100-01-6	4-Nitroaniline		ug/L	U	3.53	10.0	1
100-02-7	4-Nitrophenol		ug/L	U	0.810	10.0	1
83-32-9	Acenaphthene		ug/L	U	0.180	10.0	1
208-96-8	Acenaphthylene		ug/L	U	0.120	10.0	1
120-12-7	Anthracene		ug/L	U	0.220	10.0	1
56-55-3	Benzo(a)anthracene		ug/L	U	0.090	10.0	1
50-32-8	Benzo(a)pyrene		ug/L	U	0.120	10.0	1
205-99-2	Benzo(b)fluoranthene		ug/L	U	0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene		ug/L	U	0.440	10.0	1
207-08-9	Benzo(k)fluoranthene		ug/L	U	0.860	10.0	1
65-85-0	Benzoic acid		ug/L	U	2.35	10.0	1
100-51-6	Benzyl alcohol		ug/L	U	0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane		ug/L	U	0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether		ug/L	U	0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether		ug/L	U	0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate		ug/L	U	0.590	10.0	1
85-68-7	Butyl benzyl phthalate		ug/L	U	0.410	10.0	1
86-74-8	Carbazole		ug/L	U	0.340	10.0	1
218-01-9	Chrysene		ug/L	U	0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene		ug/L	U	2.26	10.0	1
132-64-9	Dibenzofuran		ug/L	U	0.170	10.0	1
84-66-2	Diethyl phthalate	1.58	ug/L	J	0.410	10.0	1
131-11-3	Dimethyl phthalate		ug/L	U	0.310	10.0	1
84-74-2	Di-n-butyl phthalate		ug/L	U	0.220	10.0	1
117-84-0	Di-n-octyl phthalate		ug/L	U	1.88	10.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-2-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	0806048-02RE1
% Solids:	NA	Date Collected:	06/11/08 08:15
Analytical Method:	8270C	Date Analyzed:	06/23/08 15:40
Preparation:	EPA 3510C	Date Received:	06/12/08 09:30
Batch:	P806289	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
122-39-4	Diphenylamine		ug/L	U	0.630	10.0	1
206-44-0	Fluoranthene		ug/L	U	0.220	10.0	1
86-73-7	Fluorene		ug/L	U	0.420	10.0	1
118-74-1	Hexachlorobenzene		ug/L	U	0.130	10.0	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene		ug/L	U	0.320	10.0	1
67-72-1	Hexachloroethane		ug/L	U	0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene		ug/L	U	1.56	10.0	1
78-59-1	Isophorone		ug/L	U	0.120	10.0	1
91-20-3	Naphthalene		ug/L	U	0.240	10.0	1
98-95-3	Nitrobenzene		ug/L	U	0.330	10.0	1
62-75-9	N-Nitrosodimethylamine		ug/L	U	0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine		ug/L	U	0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine		ug/L	U	0.140	10.0	1
87-86-5	Pentachlorophenol		ug/L	U	0.300	10.0	1
85-01-8	Phenanthrene		ug/L	U	0.240	10.0	1
108-95-2	Phenol	2.79	ug/L	J	0.120	10.0	1
129-00-0	Pyrene		ug/L	U	0.400	10.0	1
34MP	3 & 4 Methylphenol		ug/L	U	4.00	20.0	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-BLANK
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	0806048-03
% Solids:	NA	Date Collected:	06/11/08 08:30
Analytical Method:	8270C	Date Analyzed:	06/23/08 16:07
Preparation:	EPA 3510C	Date Received:	06/12/08 09:30
Batch:	P806289	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.250	10.0	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.230	10.0	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.360	10.0	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol		ug/L	U	0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol		ug/L	U	0.670	10.0	1
120-83-2	2,4-Dichlorophenol		ug/L	U	0.360	10.0	1
105-67-9	2,4-Dimethylphenol		ug/L	U	0.230	10.0	1
51-28-5	2,4-Dinitrophenol		ug/L	U	1.59	10.0	1
121-14-2	2,4-Dinitrotoluene		ug/L	U	0.350	10.0	1
606-20-2	2,6-Dinitrotoluene		ug/L	U	0.240	10.0	1
91-58-7	2-Chloronaphthalene		ug/L	U	0.160	10.0	1
95-57-8	2-Chlorophenol		ug/L	U	0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol		ug/L	U	0.950	10.0	1
91-57-6	2-Methylnaphthalene		ug/L	U	2.62	10.0	1
95-48-7	2-Methylphenol		ug/L	U	0.310	10.0	1
88-74-4	2-Nitroaniline		ug/L	U	0.430	10.0	1
88-75-5	2-Nitrophenol		ug/L	U	0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine		ug/L	U	1.46	10.0	1
99-09-2	3-Nitroaniline		ug/L	U	0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether		ug/L	U	0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol		ug/L	U	0.250	10.0	1
106-47-8	4-Chloroaniline		ug/L	U	0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether		ug/L	U	0.470	10.0	1
100-01-6	4-Nitroaniline		ug/L	U	3.53	10.0	1
100-02-7	4-Nitrophenol		ug/L	U	0.810	10.0	1
83-32-9	Acenaphthene		ug/L	U	0.180	10.0	1
208-96-8	Acenaphthylene		ug/L	U	0.120	10.0	1
120-12-7	Anthracene		ug/L	U	0.220	10.0	1
56-55-3	Benzo(a)anthracene		ug/L	U	0.090	10.0	1
50-32-8	Benzo(a)pyrene		ug/L	U	0.120	10.0	1
205-99-2	Benzo(b)fluoranthene		ug/L	U	0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene		ug/L	U	0.440	10.0	1
207-08-9	Benzo(k)fluoranthene		ug/L	U	0.860	10.0	1
65-85-0	Benzoic acid		ug/L	U	2.35	10.0	1
100-51-6	Benzyl alcohol		ug/L	U	0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane		ug/L	U	0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether		ug/L	U	0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether		ug/L	U	0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate		ug/L	U	0.590	10.0	1
85-68-7	Butyl benzyl phthalate		ug/L	U	0.410	10.0	1
86-74-8	Carbazole		ug/L	U	0.340	10.0	1
218-01-9	Chrysene		ug/L	U	0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene		ug/L	U	2.26	10.0	1
132-64-9	Dibenzofuran		ug/L	U	0.170	10.0	1
84-66-2	Diethyl phthalate		ug/L	U	0.410	10.0	1
131-11-3	Dimethyl phthalate		ug/L	U	0.310	10.0	1
84-74-2	Di-n-butyl phthalate		ug/L	U	0.220	10.0	1
117-84-0	Di-n-octyl phthalate		ug/L	U	1.88	10.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-BLANK
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	0806048-03
% Solids:	NA	Date Collected:	06/11/08 08:30
Analytical Method:	8270C	Date Analyzed:	06/23/08 16:07
Preparation:	EPA 3510C	Date Received:	06/12/08 09:30
Batch:	P806289	Date Leached:	NA
Leach Method:		Date Prepared:	06/16/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
122-39-4	Diphenylamine		ug/L	U	0.630	10.0	1
206-44-0	Fluoranthene		ug/L	U	0.220	10.0	1
86-73-7	Fluorene		ug/L	U	0.420	10.0	1
118-74-1	Hexachlorobenzene		ug/L	U	0.130	10.0	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene		ug/L	U	0.320	10.0	1
67-72-1	Hexachloroethane		ug/L	U	0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene		ug/L	U	1.56	10.0	1
78-59-1	Isophorone		ug/L	U	0.120	10.0	1
91-20-3	Naphthalene		ug/L	U	0.240	10.0	1
98-95-3	Nitrobenzene		ug/L	U	0.330	10.0	1
62-75-9	N-Nitrosodimethylamine		ug/L	U	0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine		ug/L	U	0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine		ug/L	U	0.140	10.0	1
87-86-5	Pentachlorophenol		ug/L	U	0.300	10.0	1
85-01-8	Phenanthrene		ug/L	U	0.240	10.0	1
108-95-2	Phenol		ug/L	U	0.120	10.0	1
129-00-0	Pyrene		ug/L	U	0.400	10.0	1
34MP	3 & 4 Methylphenol		ug/L	U	4.00	20.0	1

Note:

Field Sample Analysis Data Sheets

(Form I equivalents)

0806048

(Sample Delivery Group, SDG)

8260B

(Parameter)

P806230

(Analytical Batch)

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-1-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806048-01
% Solids:	NA	Date Collected:	06/11/08 09:00
Analytical Method:	8260B	Date Analyzed:	06/12/08 16:30
Preparation:	EPA 5030B	Date Received:	06/12/08 09:30
Batch:	P806230	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-1-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806048-01
% Solids:	NA	Date Collected:	06/11/08 09:00
Analytical Method:	8260B	Date Analyzed:	06/12/08 16:30
Preparation:	EPA 5030B	Date Received:	06/12/08 09:30
Batch:	P806230	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-2-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806048-02
% Solids:	NA	Date Collected:	06/11/08 08:15
Analytical Method:	8260B	Date Analyzed:	06/12/08 16:56
Preparation:	EPA 5030B	Date Received:	06/12/08 09:30
Batch:	P806230	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	6.56	ug/L		0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride	2.95	ug/L		0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane	0.330	ug/L	J	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane	8.97	ug/L		0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	4.44	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane	0.400	ug/L	J	0.200	2.00	1
71-43-2	Benzene	0.840	ug/L	J	0.200	2.00	1
79-01-6	Trichloroethene	1.66	ug/L	J	0.200	2.00	1
78-87-5	1,2-Dichloropropane	0.570	ug/L	J	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene	1.67	ug/L	J	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene	0.350	ug/L	J	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene	0.220	ug/L	J	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SW-2-5-08
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806048-02
% Solids:	NA	Date Collected:	06/11/08 08:15
Analytical Method:	8260B	Date Analyzed:	06/12/08 16:56
Preparation:	EPA 5030B	Date Received:	06/12/08 09:30
Batch:	P806230	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	0.930	ug/L	J	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-BLANK
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806048-03
% Solids:	NA	Date Collected:	06/11/08 08:30
Analytical Method:	8260B	Date Analyzed:	06/12/08 15:39
Preparation:	EPA 5030B	Date Received:	06/12/08 09:30
Batch:	P806230	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene	0.430	ug/L	J	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	SLMW-BLANK
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806048-03
% Solids:	NA	Date Collected:	06/11/08 08:30
Analytical Method:	8260B	Date Analyzed:	06/12/08 15:39
Preparation:	EPA 5030B	Date Received:	06/12/08 09:30
Batch:	P806230	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Trip Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806048-04
% Solids:	NA	Date Collected:	06/11/08 00:00
Analytical Method:	8260B	Date Analyzed:	06/12/08 16:04
Preparation:	EPA 5030B	Date Received:	06/12/08 09:30
Batch:	P806230	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone	2.98	ug/L	J	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Trip Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	0806048-04
% Solids:	NA	Date Collected:	06/11/08 00:00
Analytical Method:	8260B	Date Analyzed:	06/12/08 16:04
Preparation:	EPA 5030B	Date Received:	06/12/08 09:30
Batch:	P806230	Date Leached:	NA
Leach Method:			

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1

Note:

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806048

(Sample Delivery Group, SDG)

335.2

(Parameter)

P806315

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** Wet Chemistry

QC Batch: P806315 **Method:** 335.2

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/23/08	6/20/08	0806048-01		SAMPLE	0806048
6/23/08	6/20/08	0806048-02		SAMPLE	0806048
6/23/08	6/20/08	0806048-03		SAMPLE	0806048
6/23/08	6/20/08	P806315-BLK1		Method Blank	0806048
6/23/08	6/20/08	P806315-BS1		LCS	0806048
6/23/08	6/20/08	P806315-BSD1		LCS Dup	0806048
6/23/08	6/20/08	P806315-MS1	0806037-02	Matrix Spike	0806048
6/23/08	6/20/08	P806315-MSD1	0806037-02	Matrix Spike Dup	0806048

Form 1 - Equivalent

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806315-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	
Batch:	P806315	Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)		mg/L	U	0.0125	0.0250	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806315-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	
Batch:	P806315	Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)	0.104	mg/L		0.0125	0.0250	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806315-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	
Batch:	P806315	Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)	0.0910	mg/L		0.0125	0.0250	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806315
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Lab Sample ID: ***P806315-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Cyanide (total)	0.100	0.104	104		75	125

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806315

Fraction: WET Matrix: Water

Units: mg/L

Lab Sample ID: ***P806315-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Cyanide (total)	0.100	0.0910	91.0		75	125	13.3

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806315-MS1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806315	Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)	0.0900	mg/L		0.0125	0.0250	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806315-MSD1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	335.2	Date Analyzed:	06/23/08 18:36
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806315	Date Prepared:	06/20/08 10:05

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
CT	Cyanide (total)	0.0990	mg/L		0.0125	0.0250	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806315
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806315-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Cyanide (total)	0	0.100	0.0900	90.0		75	125

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806315

Fraction: WET Matrix: Water

Units: mg/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806315-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Cyanide (total)	0	0.100	0.0990	99.0		9.52		75	125	25

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806048

(Sample Delivery Group, SDG)

6020A

(Parameter)

P806239

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** METALS

QC Batch: P806239 **Method:** 6020A

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/13/08	6/13/08	0806048-01		SAMPLE	0806048
6/13/08	6/13/08	0806048-02		SAMPLE	0806048
6/13/08	6/13/08	0806048-03		SAMPLE	0806048
6/13/08	6/13/08	8F13007-SRD1	0806048-01	Serial Dilution	0806048
6/16/08	6/13/08	P806239-BLK1		Method Blank	0806048
6/13/08	6/13/08	P806239-BS1		LCS	0806048
6/13/08	6/13/08	P806239-BSD1		LCS Dup	0806048
6/13/08	6/13/08	P806239-MS1	0806048-01	Matrix Spike	0806048
6/13/08	6/13/08	P806239-MSD1	0806048-01	Matrix Spike Dup	0806048
6/13/08	6/13/08	P806239-PS1	0806048-01	Post Spike	0806048

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806239-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	06/16/08 17:13
Preparation:	SM3030C	Date Received:	
Batch:	P806239	Date Prepared:	06/13/08 09:34

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7429-90-5	Aluminum		ug/L	U	50.0	100	1
7440-36-0	Antimony		ug/L	U	0.500	1.00	1
7440-38-2	Arsenic		ug/L	U	1.00	2.00	1
7440-39-3	Barium		ug/L	U	0.500	1.00	1
7440-41-7	Beryllium		ug/L	U	0.500	1.00	1
7440-42-8	Boron		ug/L	U	2.50	5.00	1
7440-43-9	Cadmium		ug/L	U	0.500	1.00	1
7440-70-2	Calcium		ug/L	U	250	500	1
7440-47-3	Chromium		ug/L	U	2.50	5.00	1
7440-48-4	Cobalt		ug/L	U	0.500	1.00	1
7440-50-8	Copper		ug/L	U	2.50	5.00	1
7439-89-6	Iron		ug/L	U	50.0	100	1
7439-92-1	Lead		ug/L	U	0.500	1.00	1
7439-95-4	Magnesium		ug/L	U	50.0	100	1
7439-96-5	Manganese		ug/L	U	0.500	1.00	1
7439-97-6	Mercury		ug/L	U	0.250	0.500	1
7439-98-7	Molybdenum		ug/L	U	1.00	2.00	1
7440-02-0	Nickel		ug/L	U	1.00	2.00	1
7723-14-0	Phosphorus		ug/L	U	10.0	20.0	1
7440-09-7	Potassium		ug/L	U	50.0	100	1
7782-49-2	Selenium		ug/L	U	2.00	4.00	1
7440-21-3	Silicon		ug/L	U	10.0	20.0	1
7440-22-4	Silver		ug/L	U	0.500	1.00	1
7440-23-5	Sodium		ug/L	U	250	500	1
7440-24-6	Strontium		ug/L	U	2.50	5.00	1
7440-28-0	Thallium		ug/L	U	0.500	1.00	1
7440-31-5	Tin		ug/L	U	2.50	5.00	1
7440-32-6	Titanium		ug/L	U	2.50	5.00	1
7440-61-1	Uranium		ug/L	U	0.0100	0.0200	1
7440-62-2	Vanadium		ug/L	U	2.50	5.00	1
7440-66-6	Zinc		ug/L	U	5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806239-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	06/13/08 19:09
Preparation:	SM3030C	Date Received:	
Batch:	P806239	Date Prepared:	06/13/08 09:34

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	50.3	ug/L		0.500	1.00	1
7440-38-2	Arsenic	54.1	ug/L		1.00	2.00	1
7440-39-3	Barium	488	ug/L		0.500	1.00	1
7440-41-7	Beryllium	48.8	ug/L		0.500	1.00	1
7440-43-9	Cadmium	50.4	ug/L		0.500	1.00	1
7440-47-3	Chromium	55.0	ug/L		2.50	5.00	1
7440-48-4	Cobalt	55.4	ug/L		0.500	1.00	1
7440-50-8	Copper	55.9	ug/L		2.50	5.00	1
7439-92-1	Lead	506	ug/L		0.500	1.00	1
7439-97-6	Mercury	4.91	ug/L		0.250	0.500	1
7440-02-0	Nickel	55.6	ug/L		1.00	2.00	1
7782-49-2	Selenium	52.0	ug/L		2.00	4.00	1
7440-22-4	Silver	54.2	ug/L		0.500	1.00	1
7440-28-0	Thallium	49.2	ug/L		0.500	1.00	1
7440-31-5	Tin	98.9	ug/L		2.50	5.00	1
7440-62-2	Vanadium	40.8	ug/L		2.50	5.00	1
7440-66-6	Zinc	221	ug/L		5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806239-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	6020A	Date Analyzed:	06/13/08 19:16
Preparation:	SM3030C	Date Received:	
Batch:	P806239	Date Prepared:	06/13/08 09:34

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	48.8	ug/L		0.500	1.00	1
7440-38-2	Arsenic	54.4	ug/L		1.00	2.00	1
7440-39-3	Barium	475	ug/L		0.500	1.00	1
7440-41-7	Beryllium	47.6	ug/L		0.500	1.00	1
7440-43-9	Cadmium	49.8	ug/L		0.500	1.00	1
7440-47-3	Chromium	54.2	ug/L		2.50	5.00	1
7440-48-4	Cobalt	54.9	ug/L		0.500	1.00	1
7440-50-8	Copper	54.9	ug/L		2.50	5.00	1
7439-92-1	Lead	496	ug/L		0.500	1.00	1
7439-97-6	Mercury	4.81	ug/L		0.250	0.500	1
7440-02-0	Nickel	54.7	ug/L		1.00	2.00	1
7782-49-2	Selenium	50.9	ug/L		2.00	4.00	1
7440-22-4	Silver	52.3	ug/L		0.500	1.00	1
7440-28-0	Thallium	48.2	ug/L		0.500	1.00	1
7440-31-5	Tin	96.1	ug/L		2.50	5.00	1
7440-62-2	Vanadium	42.0	ug/L		2.50	5.00	1
7440-66-6	Zinc	227	ug/L		5.00	10.0	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806239

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806239-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Antimony	50.0	50.3	101		80	120
Arsenic	50.0	54.1	108		80	120
Barium	500	488	97.7		80	120
Beryllium	50.0	48.8	97.5		80	120
Cadmium	50.0	50.4	101		80	120
Chromium	50.0	55.0	110		80	120
Cobalt	50.0	55.4	111		80	120
Copper	50.0	55.9	112		80	120
Lead	500	506	101		80	120
Mercury	5.00	4.91	98.2		80	120
Nickel	50.0	55.6	111		80	120
Selenium	50.0	52.0	104		80	120
Silver	50.0	54.2	108		80	120
Thallium	50.0	49.2	98.5		80	120
Tin	100	98.9	98.9		80	120
Vanadium	50.0	40.8	81.6		80	120
Zinc	200	221	110		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 17

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806239

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806239-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Antimony	50.0	48.8	97.7		80	120	2.96
Arsenic	50.0	54.4	109		80	120	0.445
Barium	500	475	95.1		80	120	2.74
Beryllium	50.0	47.6	95.1		80	120	2.50
Cadmium	50.0	49.8	99.7		80	120	1.14
Chromium	50.0	54.2	108		80	120	1.36
Cobalt	50.0	54.9	110		80	120	0.887
Copper	50.0	54.9	110		80	120	1.80
Lead	500	496	99.1		80	120	1.97
Mercury	5.00	4.81	96.2		80	120	2.08
Nickel	50.0	54.7	109		80	120	1.57
Selenium	50.0	50.9	102		80	120	2.14
Silver	50.0	52.3	105		80	120	3.45
Thallium	50.0	48.2	96.5		80	120	2.03
Tin	100	96.1	96.1		80	120	2.83
Vanadium	50.0	42.0	84.1		80	120	3.01
Zinc	200	227	113		80	120	2.57

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 17

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806239-MS1
% Solids:	NA	Date Collected:	06/11/08 09:00
Analytical Methdod:	6020A	Date Analyzed:	06/13/08 19:37
Preparation:	SM3030C	Date Received:	06/12/08 09:30
Batch:	P806239	Date Prepared:	06/13/08 09:34

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	48.7	ug/L		0.500	1.00	1
7440-38-2	Arsenic	56.7	ug/L		1.00	2.00	1
7440-39-3	Barium	497	ug/L		0.500	1.00	1
7440-41-7	Beryllium	48.2	ug/L		0.500	1.00	1
7440-43-9	Cadmium	51.1	ug/L		0.500	1.00	1
7440-47-3	Chromium	55.5	ug/L		2.50	5.00	1
7440-48-4	Cobalt	53.4	ug/L		0.500	1.00	1
7440-50-8	Copper	53.8	ug/L		2.50	5.00	1
7439-92-1	Lead	492	ug/L		0.500	1.00	1
7439-97-6	Mercury	4.98	ug/L		0.250	0.500	1
7440-02-0	Nickel	53.2	ug/L		1.00	2.00	1
7782-49-2	Selenium	57.7	ug/L		2.00	4.00	1
7440-22-4	Silver	51.7	ug/L		0.500	1.00	1
7440-28-0	Thallium	44.4	ug/L		0.500	1.00	1
7440-31-5	Tin	95.7	ug/L		2.50	5.00	1
7440-62-2	Vanadium	42.9	ug/L		2.50	5.00	1
7440-66-6	Zinc	240	ug/L		5.00	10.0	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806239-MSD1
% Solids:	NA	Date Collected:	06/11/08 09:00
Analytical Methdod:	6020A	Date Analyzed:	06/13/08 19:45
Preparation:	SM3030C	Date Received:	06/12/08 09:30
Batch:	P806239	Date Prepared:	06/13/08 09:34

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	48.5	ug/L		0.500	1.00	1
7440-38-2	Arsenic	55.9	ug/L		1.00	2.00	1
7440-39-3	Barium	490	ug/L		0.500	1.00	1
7440-41-7	Beryllium	47.4	ug/L		0.500	1.00	1
7440-43-9	Cadmium	50.3	ug/L		0.500	1.00	1
7440-47-3	Chromium	54.2	ug/L		2.50	5.00	1
7440-48-4	Cobalt	53.2	ug/L		0.500	1.00	1
7440-50-8	Copper	53.6	ug/L		2.50	5.00	1
7439-92-1	Lead	488	ug/L		0.500	1.00	1
7439-97-6	Mercury	4.95	ug/L		0.250	0.500	1
7440-02-0	Nickel	53.4	ug/L		1.00	2.00	1
7782-49-2	Selenium	57.4	ug/L		2.00	4.00	1
7440-22-4	Silver	51.7	ug/L		0.500	1.00	1
7440-28-0	Thallium	43.9	ug/L		0.500	1.00	1
7440-31-5	Tin	95.9	ug/L		2.50	5.00	1
7440-62-2	Vanadium	43.0	ug/L		2.50	5.00	1
7440-66-6	Zinc	234	ug/L		5.00	10.0	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806239

Fraction: METALS Matrix: Water

Units: ug/L

Original Sample ***0806048-01*** ***Lab Sample ID for MS :*** ***P806239-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Antimony	0	50.0	48.7	97.5		75	125
Arsenic	1.73	50.0	56.7	110		75	125
Barium	20.0	500	497	95.4		75	125
Beryllium	0	50.0	48.2	96.4		75	125
Cadmium	0	50.0	51.1	102		75	125
Chromium	5.46	50.0	55.5	100		75	125
Cobalt	0	50.0	53.4	107		75	125
Copper	0	50.0	53.8	108		75	125
Lead	0	500	492	98.4		75	125
Mercury	0	5.00	4.98	99.6		75	125
Nickel	1.02	50.0	53.2	104		75	125
Selenium	0	50.0	57.7	115		75	125
Silver	0	50.0	51.7	103		75	125
Thallium	0	50.0	44.4	88.8		75	125
Tin	0	100	95.7	95.7		75	125
Vanadium	0	50.0	42.9	85.9		75	125
Zinc	9.66	200	240	115		75	125

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806239

Fraction: METALS Matrix: Water

Units: ug/L

Original Sample ***0806048-01*** ***Lab Sample ID for MSD*** ***P806239-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Antimony	0	50.0	48.5	96.9		0.570		75	125	20
Arsenic	1.73	50.0	55.9	108		1.35		75	125	20
Barium	20.0	500	490	94.0		1.44		75	125	20
Beryllium	0	50.0	47.4	94.8		1.65		75	125	20
Cadmium	0	50.0	50.3	101		1.66		75	125	20
Chromium	5.46	50.0	54.2	97.5		2.41		75	125	20
Cobalt	0	50.0	53.2	106		0.488		75	125	20
Copper	0	50.0	53.6	107		0.384		75	125	20
Lead	0	500	488	97.7		0.799		75	125	20
Mercury	0	5.00	4.95	98.9		0.702		75	125	20
Nickel	1.02	50.0	53.4	105		0.386		75	125	20
Selenium	0	50.0	57.4	115		0.558		75	125	20
Silver	0	50.0	51.7	103		0.0779		75	125	20
Thallium	0	50.0	43.9	87.9		1.01		75	125	20
Tin	0	100	95.9	95.9		0.143		75	125	20
Vanadium	0	50.0	43.0	85.9		0.0433		75	125	20
Zinc	9.66	200	234	112		2.61		75	125	20

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Post Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806239-PS1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	6020A	Date Collected:	06/11/08 09:00
Preparation:	SM3030C	Date Analyzed:	06/13/08 19:53
Batch:	P806239	Date Received:	06/12/08 09:30

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony	49.5	ug/L		0.500	1.00	1
7440-38-2	Arsenic	56.6	ug/L		1.00	2.00	1
7440-39-3	Barium	501	ug/L		0.500	1.00	1
7440-41-7	Beryllium	49.3	ug/L		0.500	1.00	1
7440-43-9	Cadmium	50.6	ug/L		0.500	1.00	1
7440-47-3	Chromium	54.7	ug/L		2.50	5.00	1
7440-48-4	Cobalt	53.3	ug/L		0.500	1.00	1
7440-50-8	Copper	54.0	ug/L		2.50	5.00	1
7439-92-1	Lead	493	ug/L		0.500	1.00	1
7439-97-6	Mercury	5.10	ug/L		0.250	0.500	1
7440-02-0	Nickel	53.1	ug/L		1.00	2.00	1
7782-49-2	Selenium	58.1	ug/L		2.00	4.00	1
7440-22-4	Silver	51.9	ug/L		0.500	1.00	1
7440-28-0	Thallium	47.3	ug/L		0.500	1.00	1
7440-31-5	Tin	97.2	ug/L		2.50	5.00	1
7440-62-2	Vanadium	41.2	ug/L		2.50	5.00	1
7440-66-6	Zinc	238	ug/L		5.00	10.0	1

Form 5B - Equivalent

POST DIGESTION SPIKE SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc.

Analytical Batch: 8F13007

Fraction: METALS

Prep Batch: P806239

COMPOUND	Original Amount	SPIKE ADDED	PDS Amount	PDS % REC	PDS % REC FLAG	QC. LIMITS LCL	QC. LIMITS UCL
Antimony	ND	50.0	49.5	98.9		75	125
Arsenic	1.73	50.0	56.6	110		75	125
Barium	20.0	500	501	96.1		75	125
Beryllium	ND	50.0	49.3	98.6		75	125
Cadmium	ND	50.0	50.6	101		75	125
Chromium	5.46	50.0	54.7	98.4		75	125
Cobalt	ND	50.0	53.3	107		75	125
Copper	ND	50.0	54.0	108		75	125
Lead	ND	500	493	98.5		75	125
Mercury	ND	5.00	5.10	102		75	125
Nickel	1.02	50.0	53.1	104		75	125
Selenium	ND	50.0	58.1	116		75	125
Silver	ND	50.0	51.9	104		75	125
Thallium	ND	50.0	47.3	94.6		75	125
Tin	ND	100	97.2	97.2		75	125
Vanadium	ND	50.0	41.2	82.5		75	125
Zinc	9.66	200	238	114		75	125

* Values outside of QC limits

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Serial Dilution
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	8F13007-SRD1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	6020A	Date Collected:	06/11/08 09:00
Preparation:	P806239	Date Analyzed:	06/13/08 19:31
Batch:	8F13007	Date Received:	06/12/08 09:30

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7440-36-0	Antimony		ug/L	U	2.50	5.00	5
7440-38-2	Arsenic		ug/L	U	5.00	10.0	5
7440-39-3	Barium	20.7	ug/L		2.50	5.00	5
7440-41-7	Beryllium		ug/L	U	2.50	5.00	5
7440-43-9	Cadmium		ug/L	U	2.50	5.00	5
7440-47-3	Chromium		ug/L	U	12.5	25.0	5
7440-48-4	Cobalt		ug/L	U	2.50	5.00	5
7440-50-8	Copper		ug/L	U	12.5	25.0	5
7439-92-1	Lead		ug/L	U	2.50	5.00	5
7439-97-6	Mercury		ug/L	U	1.25	2.50	5
7440-02-0	Nickel		ug/L	U	5.00	10.0	5
7782-49-2	Selenium		ug/L	U	10.0	20.0	5
7440-22-4	Silver		ug/L	U	2.50	5.00	5
7440-28-0	Thallium		ug/L	U	2.50	5.00	5
7440-31-5	Tin		ug/L	U	12.5	25.0	5
7440-62-2	Vanadium		ug/L	U	12.5	25.0	5
7440-66-6	Zinc		ug/L	U	25.0	50.0	5

Form 8 - Equivalent

PERCENT DIFFERENCE FOR SERIAL DILUTION SAMPLE

Lab Name: Analytical Management Laboratories, Inc. Analytical Batch: 8F13007

Fraction: METALS

Orig HSN: 0806048-01 **SD HSN:** 8F13007-SRD1

Orig Dil: 1 **SD Dil:** 5

COMPOUND	Original Amount	SD Amount	%D	QC FLAG	QC. LIMIT UCL
Antimony	U	U	NA		10
Arsenic	1.73	U	NA		10
Barium	20.0	20.7	3.50		10
Beryllium	U	U	NA		10
Cadmium	U	U	NA		10
Chromium	5.46	U	NA		10
Cobalt	U	U	NA		10
Copper	U	U	NA		10
Lead	U	U	NA		10
Mercury	U	U	NA		10
Nickel	1.02	U	NA		10
Selenium	U	U	NA		10
Silver	U	U	NA		10
Thallium	U	U	NA		10
Tin	U	U	NA		10
Vanadium	U	U	NA		10
Zinc	9.66	U	NA		10

* Values outside of QC limits

NA = Not Applicable

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806048

(Sample Delivery Group, SDG)

7470A

(Parameter)

P806237

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** METALS

QC Batch: P806237 **Method:** 7470A

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/16/08	6/16/08	0806048-01		SAMPLE	0806048
6/16/08	6/16/08	0806048-02		SAMPLE	0806048
6/16/08	6/16/08	0806048-03		SAMPLE	0806048
6/16/08	6/16/08	P806237-BLK1		Method Blank	0806048
6/16/08	6/16/08	P806237-BLK2		Method Blank	0806048
6/16/08	6/16/08	P806237-BS1		LCS	0806048
6/16/08	6/16/08	P806237-BSD1		LCS Dup	0806048
6/16/08	6/16/08	P806237-MS1	0806037-02	Matrix Spike	0806048
6/16/08	6/16/08	P806237-MS2	0806051-07	Matrix Spike	0806048
6/16/08	6/16/08	P806237-MSD1	0806037-02	Matrix Spike Dup	0806048
6/16/08	6/16/08	P806237-MSD2	0806051-07	Matrix Spike Dup	0806048
6/16/08	6/16/08	P806237-PS1	0806037-02	Post Spike	0806048
6/16/08	6/16/08	P806237-PS2	0806051-07	Post Spike	0806048

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806237-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 16:37
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

Form 1 - Equivalent

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806237-BLK2
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 17:14
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury		ug/L	U	0.100	0.200	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806237-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 16:39
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.96	ug/L		0.102	0.204	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806237-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 16:41
Preparation:	EPA 7470A Prep	Date Received:	
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.89	ug/L		0.102	0.204	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806237
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Lab Sample ID: ***P806237-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Mercury	2.04	1.96	96.0		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806237

Fraction: METALS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806237-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Mercury	2.04	1.89	92.5		80	120	3.71

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806237-MS1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 16:47
Preparation:	EPA 7470A Prep	Date Received:	06/10/08 10:00
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.98	ug/L		0.102	0.204	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806237-MS2
% Solids:	NA	Date Collected:	06/10/08 13:05
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 17:39
Preparation:	EPA 7470A Prep	Date Received:	06/12/08 09:30
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.95	ug/L		0.102	0.204	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806237-MSD1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 16:49
Preparation:	EPA 7470A Prep	Date Received:	06/10/08 10:00
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.96	ug/L		0.102	0.204	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	49.0 mL / 50 mL	Lab Sample ID:	P806237-MSD2
% Solids:	NA	Date Collected:	06/10/08 13:05
Analytical Methdod:	7470A	Date Analyzed:	06/16/08 17:41
Preparation:	EPA 7470A Prep	Date Received:	06/12/08 09:30
Batch:	P806237	Date Prepared:	06/16/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	1.96	ug/L		0.102	0.204	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806237
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806237-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Mercury	0	2.04	1.98	97.0		80	120

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806237
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Original Sample ***0806051-07*** ***Lab Sample ID for MS :*** ***P806237-MS2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Mercury	0	2.04	1.95	95.5		80	120

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806237
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806237-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Mercury	0	2.04	1.96	96.0		1.04		80	120	20

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806237
Fraction:	METALS	Matrix:	Water
Units:	ug/L		

Original Sample ***0806051-07*** ***Lab Sample ID for MSD*** ***P806237-MSD2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Mercury	0	2.04	1.96	96.0		0.522		80	120	20

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Post Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806237-PS1
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	7470A	Date Collected:	06/09/08 09:15
Preparation:	EPA 7470A Prep	Date Analyzed:	06/16/08 16:54
Batch:	P806237	Date Received:	06/10/08 10:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.37	ug/L		0.100	0.200	1

INORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Post Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	50.0 mL / 50 mL	Lab Sample ID:	P806237-PS2
% Solids:	NA	Instrument ID:	ICPMS
Analytical Methdod:	7470A	Date Collected:	06/10/08 13:05
Preparation:	EPA 7470A Prep	Date Analyzed:	06/16/08 17:43
Batch:	P806237	Date Received:	06/12/08 09:30

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
7439-97-6	Mercury	2.34	ug/L		0.100	0.200	1

Form 5B - Equivalent

POST DIGESTION SPIKE SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc.

Analytical Batch: 8F16004

Fraction: METALS

Prep Batch: P806237

COMPOUND	Original Amount	SPIKE ADDED	PDS Amount	PDS % REC	PDS % REC FLAG	QC. LIMITS LCL	QC. LIMITS UCL
Mercury	ND	2.00	2.37	118		80	120

* Values outside of QC limits

Form 5B - Equivalent

POST DIGESTION SPIKE SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc.

Fraction: METALS

Analytical Batch: 8F16004

Prep Batch: P806237

COMPOUND	Original Amount	SPIKE ADDED	PDS Amount	PDS % REC	PDS % REC FLAG	QC. LIMITS LCL	QC. LIMITS UCL
Mercury	ND	2.00	2.34	117		80	120

* Values outside of QC limits

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806048

(Sample Delivery Group, SDG)

SM-4500-NO3 E

(Parameter)

P806313

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc.
Fraction: Wet Chemistry
QC Batch: P806313
Method: SM-4500-NO3 E

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/25/08	6/24/08	0806048-01		SAMPLE	0806048
6/25/08	6/24/08	0806048-02		SAMPLE	0806048
6/25/08	6/24/08	0806048-03		SAMPLE	0806048
6/25/08	6/24/08	P806313-BLK1		Method Blank	0806048
6/25/08	6/24/08	P806313-BS1		LCS	0806048
6/25/08	6/24/08	P806313-BSD1		LCS Dup	0806048
6/25/08	6/24/08	P806313-MS1	0806037-02	Matrix Spike	0806048
6/25/08	6/24/08	P806313-MSD1	0806037-02	Matrix Spike Dup	0806048

Form 1 - Equivalent

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806313-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	
Batch:	P806313	Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.0210	mg/L	B, J	0.0200	0.0400	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806313-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	
Batch:	P806313	Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.345	mg/L	B	0.0200	0.0400	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806313-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	
Batch:	P806313	Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.360	mg/L	B	0.0200	0.0400	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806313

Fraction: WET Matrix: Water

Units: mg/L

Lab Sample ID: ***P806313-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Nitrate/Nitrite as N	0.300	0.345	115		80	120

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806313

Fraction: WET Matrix: Water

Units: mg/L

Lab Sample ID: ***P806313-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Nitrate/Nitrite as N	0.300	0.360	120		80	120	4.26

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806313-MS1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	06/10/08 10:00
Batch:	P806313	Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.339	mg/L	B	0.0200	0.0400	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806313-MSD1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	SM-4500-NO3 E	Date Analyzed:	06/25/08 19:48
Preparation:	SM-4500-NO3 E	Date Received:	06/10/08 10:00
Batch:	P806313	Date Prepared:	06/24/08 09:50

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
N3N2N	Nitrate/Nitrite as N	0.315	mg/L	B	0.0200	0.0400	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806313
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806313-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Nitrate/Nitrite as N	0.0710	0.300	0.339	89.3		80	120

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806313

Fraction: WET Matrix: Water

Units: mg/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806313-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Nitrate/Nitrite as N	0.0710	0.300	0.315	81.3		7.34		80	120	20

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806048

(Sample Delivery Group, SDG)

8082

(Parameter)

P806248

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** GC

QC Batch: P806248 **Method:** 8082

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/18/08	6/13/08	0806048-01		SAMPLE	0806048
6/18/08	6/13/08	0806048-02		SAMPLE	0806048
6/18/08	6/13/08	0806048-03		SAMPLE	0806048
6/18/08	6/13/08	P806248-BLK1		Method Blank	0806048
6/18/08	6/13/08	P806248-BS2		LCS	0806048
6/18/08	6/13/08	P806248-BSD2		LCS Dup	0806048
6/18/08	6/13/08	P806248-MS2	0806037-02	Matrix Spike	0806048
6/18/08	6/13/08	P806248-MSD2	0806037-02	Matrix Spike Dup	0806048

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806248

SW-1-5-08 (0806048-01)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	80.5	40	135	

SW-2-5-08 (0806048-02)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	70.9	40	135	

SLMW-BLANK (0806048-03)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	86.1	40	135	

Blank (P806248-BLK1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	95.5	40	135	

LCS (P806248-BS2)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	80.9	40	135	

LCS Dup (P806248-BSD2)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	79.3	40	135	

Matrix Spike (P806248-MS2)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	54.3	40	135	

Matrix Spike Dup (P806248-MSD2)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	51.5	40	135	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8082	Date Analyzed:	06/18/08 20:37
Preparation:	EPA 3510C	Date Received:	
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016		ug/L	U	0.200	1.00	1
11104-28-2	Aroclor-1221		ug/L	U	0.200	1.00	1
11141-16-5	Aroclor-1232		ug/L	U	0.200	1.00	1
53469-21-9	Aroclor-1242		ug/L	U	0.200	1.00	1
12672-29-6	Aroclor-1248		ug/L	U	0.200	1.00	1
11097-69-1	Aroclor-1254		ug/L	U	0.200	1.00	1
11096-82-5	Aroclor-1260		ug/L	U	0.200	1.00	1
11100-14-4	Aroclor-1268		ug/L	U	0.200	1.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-BS2
% Solids:	NA	Date Collected:	
Analytical Methdod:	8082	Date Analyzed:	06/18/08 20:51
Preparation:	EPA 3510C	Date Received:	
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016	2.57	ug/L		0.200	1.00	1
11096-82-5	Aroclor-1260	2.44	ug/L		0.200	1.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-BSD2
% Solids:	NA	Date Collected:	
Analytical Methdod:	8082	Date Analyzed:	06/18/08 21:05
Preparation:	EPA 3510C	Date Received:	
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016	2.59	ug/L		0.200	1.00	1
11096-82-5	Aroclor-1260	2.41	ug/L		0.200	1.00	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806248

Fraction: GC Matrix: Water

Units: ug/L

Lab Sample ID: ***P806248-BS2***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Aroclor-1016	3.00	2.57	85.6		25	145
Aroclor-1260	3.00	2.44	81.4		30	145

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 2

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806248

Fraction: GC Matrix: Water

Units: ug/L

Lab Sample ID: ***P806248-BSD2***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Aroclor-1016	3.00	2.59	86.5		25	145	0.327
Aroclor-1260	3.00	2.41	80.2		30	145	1.47

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 2

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	980 mL / 5.0 mL	Lab Sample ID:	P806248-MS2
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8082	Date Analyzed:	06/18/08 21:20
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016	2.42	ug/L		0.204	1.02	1
11096-82-5	Aroclor-1260	2.14	ug/L		0.204	1.02	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-MSD2
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8082	Date Analyzed:	06/18/08 21:34
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
12674-11-2	Aroclor-1016	1.96	ug/L		0.200	1.00	1
11096-82-5	Aroclor-1260	1.81	ug/L		0.200	1.00	1

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806248
Fraction:	GC	Matrix:	Water
Units:	ug/L		

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806248-MS2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Aroclor-1016	0	3.06	2.42	79.0		25	145
Aroclor-1260	0	3.06	2.14	69.8		30	145

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806248

Fraction: GC Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806248-MSD2***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Aroclor-1016	0	3.00	1.96	65.4		20.8		25	145	40
Aroclor-1260	0	3.00	1.81	60.2		16.8		30	145	40

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806048

(Sample Delivery Group, SDG)

8081B

(Parameter)

P806248

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** PEST

QC Batch: P806248 **Method:** 8081B

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/17/08	6/13/08	0806048-01		SAMPLE	0806048
6/17/08	6/13/08	0806048-02		SAMPLE	0806048
6/17/08	6/13/08	0806048-03		SAMPLE	0806048
6/17/08	6/13/08	P806248-BLK1		Method Blank	0806048
6/17/08	6/13/08	P806248-BS1		LCS	0806048
6/17/08	6/13/08	P806248-BSD1		LCS Dup	0806048
6/17/08	6/13/08	P806248-MS1	0806037-02	Matrix Spike	0806048
6/17/08	6/13/08	P806248-MSD1	0806037-02	Matrix Spike Dup	0806048

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806248

SW-1-5-08 (0806048-01)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	53.5	30	135	
TCMX	50.9	25	140	

SW-2-5-08 (0806048-02)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	61.6	30	135	
TCMX	81.7	25	140	

SLMW-BLANK (0806048-03)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	66.5	30	135	
TCMX	73.3	25	140	

Blank (P806248-BLK1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	101	30	135	
TCMX	97.2	25	140	

LCS (P806248-BS1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	87.5	30	135	
TCMX	95.2	25	140	

LCS Dup (P806248-BSD1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	88.6	30	135	
TCMX	87.2	25	140	

Matrix Spike (P806248-MS1)

Surrogate Compound	% Rec	QC Limit Low	QC Limit High	QC Flag
DCB	84.7	30	135	
TCMX	105	25	140	

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806248

Matrix Spike Dup (P806248-MSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
DCB	87.4	30	135	
TCMX	102	25	140	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8081B	Date Analyzed:	06/17/08 19:33
Preparation:	EPA 3510C	Date Received:	
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD		ug/L	U	0.0250	0.0500	1
72-55-9	4,4'-DDE		ug/L	U	0.0250	0.0500	1
50-29-3	4,4'-DDT		ug/L	U	0.0250	0.0500	1
309-00-2	Aldrin		ug/L	U	0.0125	0.0250	1
319-84-6	alpha-BHC		ug/L	U	0.0125	0.0250	1
57-74-9	Chlordane (Technical)		ug/L	U	0.250	0.500	1
5103-71-9	alpha-Chlordane		ug/L	U	0.0125	0.0250	1
319-85-7	beta-BHC		ug/L	U	0.0125	0.0250	1
319-86-8	delta-BHC		ug/L	U	0.0125	0.0250	1
60-57-1	Dieldrin		ug/L	U	0.0250	0.0500	1
959-98-8	Endosulfan I		ug/L	U	0.0125	0.0250	1
33213-65-9	Endosulfan II		ug/L	U	0.0250	0.0500	1
1031-07-8	Endosulfan sulfate		ug/L	U	0.0250	0.0500	1
72-20-8	Endrin		ug/L	U	0.0250	0.0500	1
7421-93-4	Endrin aldehyde		ug/L	U	0.0250	0.0500	1
53494-70-5	Endrin ketone		ug/L	U	0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)		ug/L	U	0.0125	0.0250	1
5103-74-2	gamma-Chlordane		ug/L	U	0.0125	0.0250	1
76-44-8	Heptachlor		ug/L	U	0.0125	0.0250	1
1024-57-3	Heptachlor epoxide		ug/L	U	0.0125	0.0250	1
72-43-5	Methoxychlor		ug/L	U	0.125	0.250	1
8001-35-2	Toxaphene		ug/L	U	1.00	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8081B	Date Analyzed:	06/17/08 19:47
Preparation:	EPA 3510C	Date Received:	
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD	0.703	ug/L		0.0250	0.0500	1
72-55-9	4,4'-DDE	0.666	ug/L		0.0250	0.0500	1
50-29-3	4,4'-DDT	0.644	ug/L		0.0250	0.0500	1
309-00-2	Aldrin	0.252	ug/L		0.0125	0.0250	1
319-84-6	alpha-BHC	0.333	ug/L		0.0125	0.0250	1
5103-71-9	alpha-Chlordane	0.319	ug/L		0.0125	0.0250	1
319-84-6	beta-BHC	0.344	ug/L		0.0125	0.0250	1
319-86-8	delta-BHC	0.156	ug/L		0.0125	0.0250	1
60-57-1	Dieldrin	0.692	ug/L		0.0250	0.0500	1
959-98-8	Endosulfan I	0.335	ug/L		0.0125	0.0250	1
33213-65-9	Endosulfan II	0.694	ug/L		0.0250	0.0500	1
1031-07-8	Endosulfan sulfate	0.601	ug/L		0.0250	0.0500	1
72-20-8	Endrin	0.696	ug/L		0.0250	0.0500	1
7421-93-4	Endrin aldehyde	0.693	ug/L		0.0250	0.0500	1
53494-70-5	Endrin ketone	0.683	ug/L		0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)	0.329	ug/L		0.0125	0.0250	1
5103-74-2	gamma-Chlordane	0.312	ug/L		0.0125	0.0250	1
76-44-8	Heptachlor	0.276	ug/L		0.0125	0.0250	1
1024-57-3	Heptachlor epoxide	0.332	ug/L		0.0125	0.0250	1
72-43-5	Methoxychlor	3.33	ug/L		0.125	0.250	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8081B	Date Analyzed:	06/17/08 20:01
Preparation:	EPA 3510C	Date Received:	
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD	0.646	ug/L		0.0250	0.0500	1
72-55-9	4,4'-DDE	0.617	ug/L		0.0250	0.0500	1
50-29-3	4,4'-DDT	0.593	ug/L		0.0250	0.0500	1
309-00-2	Aldrin	0.230	ug/L		0.0125	0.0250	1
319-84-6	alpha-BHC	0.300	ug/L		0.0125	0.0250	1
5103-71-9	alpha-Chlordane	0.291	ug/L		0.0125	0.0250	1
319-84-6	beta-BHC	0.309	ug/L		0.0125	0.0250	1
319-86-8	delta-BHC	0.140	ug/L		0.0125	0.0250	1
60-57-1	Dieldrin	0.630	ug/L		0.0250	0.0500	1
959-98-8	Endosulfan I	0.303	ug/L		0.0125	0.0250	1
33213-65-9	Endosulfan II	0.632	ug/L		0.0250	0.0500	1
1031-07-8	Endosulfan sulfate	0.545	ug/L		0.0250	0.0500	1
72-20-8	Endrin	0.633	ug/L		0.0250	0.0500	1
7421-93-4	Endrin aldehyde	0.624	ug/L		0.0250	0.0500	1
53494-70-5	Endrin ketone	0.616	ug/L		0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)	0.304	ug/L		0.0125	0.0250	1
5103-74-2	gamma-Chlordane	0.286	ug/L		0.0125	0.0250	1
76-44-8	Heptachlor	0.255	ug/L		0.0125	0.0250	1
1024-57-3	Heptachlor epoxide	0.301	ug/L		0.0125	0.0250	1
72-43-5	Methoxychlor	3.02	ug/L		0.125	0.250	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806248

Fraction: PEST Matrix: Water

Units: ug/L

Lab Sample ID: ***P806248-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
4,4'-DDD	0.700	0.703	100		25	150
4,4'-DDE	0.700	0.666	95.1		35	140
4,4'-DDT	0.700	0.644	92.0		45	140
Aldrin	0.350	0.252	71.9		25	140
alpha-BHC	0.350	0.333	95.0		60	130
alpha-Chlordane	0.350	0.319	91.0		65	125
beta-BHC	0.350	0.344	98.3		65	125
delta-BHC	0.350	0.156	44.5	ME	45	135
Dieldrin	0.700	0.692	98.9		60	130
Endosulfan I	0.350	0.335	95.8		50	110
Endosulfan II	0.700	0.694	99.2		30	130
Endosulfan sulfate	0.700	0.601	85.8		55	135
Endrin	0.700	0.696	99.5		55	135
Endrin aldehyde	0.700	0.693	99.1		55	135
Endrin ketone	0.700	0.683	97.5		75	125
gamma-BHC (Lindane)	0.350	0.329	94.1		25	135
gamma-Chlordane	0.350	0.312	89.0		60	125
Heptachlor	0.350	0.276	78.9		40	130
Heptachlor epoxide	0.350	0.332	94.8		60	130
Methoxychlor	3.50	3.33	95.0		55	150

Actual Number of Marginal Exceedences: 1

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 20

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806248

Fraction: PEST Matrix: Water

Units: ug/L

Lab Sample ID: ***P806248-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
4,4'-DDD	0.700	0.646	92.3		25	150	8.46
4,4'-DDE	0.700	0.617	88.1		35	140	7.69
4,4'-DDT	0.700	0.593	84.8		45	140	8.22
Aldrin	0.350	0.230	65.6		25	140	9.18
alpha-BHC	0.350	0.300	85.8		60	130	10.2
alpha-Chlordane	0.350	0.291	83.2		65	125	8.99
beta-BHC	0.350	0.309	88.3		65	125	10.7
delta-BHC	0.350	0.140	40.0	ME	45	135	10.6
Dieldrin	0.700	0.630	90.0		60	130	9.45
Endosulfan I	0.350	0.303	86.7		50	110	10.0
Endosulfan II	0.700	0.632	90.2		30	130	9.46
Endosulfan sulfate	0.700	0.545	77.9		55	135	9.70
Endrin	0.700	0.633	90.4		55	135	9.57
Endrin aldehyde	0.700	0.624	89.1		55	135	10.6
Endrin ketone	0.700	0.616	88.0		75	125	10.2
gamma-BHC (Lindane)	0.350	0.304	86.8		25	135	8.09
gamma-Chlordane	0.350	0.286	81.8		60	125	8.48
Heptachlor	0.350	0.255	72.9		40	130	7.94
Heptachlor epoxide	0.350	0.301	85.9		60	130	9.78
Methoxychlor	3.50	3.02	86.3		55	150	9.64

Actual Number of Marginal Exceedences: 1

Number of Exceedences (ME) Allowed: 1

Total Number of Analytes: 20

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	950 mL / 5.0 mL	Lab Sample ID:	P806248-MS1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8081B	Date Analyzed:	06/17/08 20:44
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD	0.728	ug/L		0.0263	0.0526	1
72-55-9	4,4'-DDE	0.711	ug/L		0.0263	0.0526	1
50-29-3	4,4'-DDT	0.676	ug/L		0.0263	0.0526	1
309-00-2	Aldrin	0.298	ug/L		0.0132	0.0263	1
319-84-6	alpha-BHC	0.340	ug/L		0.0132	0.0263	1
5103-71-9	alpha-Chlordane	0.336	ug/L		0.0132	0.0263	1
319-84-6	beta-BHC	0.351	ug/L		0.0132	0.0263	1
319-86-8	delta-BHC	0.160	ug/L		0.0132	0.0263	1
60-57-1	Dieldrin	0.716	ug/L		0.0263	0.0526	1
959-98-8	Endosulfan I	0.346	ug/L		0.0132	0.0263	1
33213-65-9	Endosulfan II	0.715	ug/L		0.0263	0.0526	1
1031-07-8	Endosulfan sulfate	0.617	ug/L		0.0263	0.0526	1
72-20-8	Endrin	0.722	ug/L		0.0263	0.0526	1
7421-93-4	Endrin aldehyde	0.704	ug/L		0.0263	0.0526	1
53494-70-5	Endrin ketone	0.702	ug/L		0.0263	0.0526	1
58-89-9	gamma-BHC (Lindane)	0.337	ug/L		0.0132	0.0263	1
5103-74-2	gamma-Chlordane	0.336	ug/L		0.0132	0.0263	1
76-44-8	Heptachlor	0.323	ug/L		0.0132	0.0263	1
1024-57-3	Heptachlor epoxide	0.632	ug/L		0.0132	0.0263	1
72-43-5	Methoxychlor	3.45	ug/L		0.132	0.263	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 5.0 mL	Lab Sample ID:	P806248-MSD1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	8081B	Date Analyzed:	06/17/08 20:58
Preparation:	EPA 3510C	Date Received:	06/10/08 10:00
Batch:	P806248	Date Prepared:	06/13/08 10:38

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
72-54-8	4,4'-DDD	0.681	ug/L		0.0250	0.0500	1
72-55-9	4,4'-DDE	0.669	ug/L		0.0250	0.0500	1
50-29-3	4,4'-DDT	0.636	ug/L		0.0250	0.0500	1
309-00-2	Aldrin	0.280	ug/L		0.0125	0.0250	1
319-84-6	alpha-BHC	0.317	ug/L		0.0125	0.0250	1
5103-71-9	alpha-Chlordane	0.317	ug/L		0.0125	0.0250	1
319-84-6	beta-BHC	0.327	ug/L		0.0125	0.0250	1
319-86-8	delta-BHC	0.151	ug/L		0.0125	0.0250	1
60-57-1	Dieldrin	0.671	ug/L		0.0250	0.0500	1
959-98-8	Endosulfan I	0.324	ug/L		0.0125	0.0250	1
33213-65-9	Endosulfan II	0.668	ug/L		0.0250	0.0500	1
1031-07-8	Endosulfan sulfate	0.579	ug/L		0.0250	0.0500	1
72-20-8	Endrin	0.676	ug/L		0.0250	0.0500	1
7421-93-4	Endrin aldehyde	0.657	ug/L		0.0250	0.0500	1
53494-70-5	Endrin ketone	0.664	ug/L		0.0250	0.0500	1
58-89-9	gamma-BHC (Lindane)	0.315	ug/L		0.0125	0.0250	1
5103-74-2	gamma-Chlordane	0.316	ug/L		0.0125	0.0250	1
76-44-8	Heptachlor	0.303	ug/L		0.0125	0.0250	1
1024-57-3	Heptachlor epoxide	0.645	ug/L		0.0125	0.0250	1
72-43-5	Methoxychlor	3.22	ug/L		0.125	0.250	1

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806248

Fraction: PEST Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806248-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
4,4'-DDD	0	0.737	0.728	98.8		25	150
4,4'-DDE	0	0.737	0.711	96.6		35	140
4,4'-DDT	0	0.737	0.676	91.8		45	140
Aldrin	0	0.368	0.298	80.9		25	140
alpha-BHC	0	0.368	0.340	92.4		60	130
alpha-Chlordane	0	0.368	0.336	91.3		65	125
beta-BHC	0	0.368	0.351	95.4		65	125
delta-BHC	0	0.368	0.160	43.5	ME	45	135
Dieldrin	0	0.737	0.716	97.2		60	130
Endosulfan I	0	0.368	0.346	93.8		50	110
Endosulfan II	0	0.737	0.715	97.1		30	130
Endosulfan sulfate	0	0.737	0.617	83.8		55	135
Endrin	0	0.737	0.722	98.0		55	135
Endrin aldehyde	0	0.737	0.704	95.6		55	135
Endrin ketone	0	0.737	0.702	95.2		75	125
gamma-BHC (Lindane)	0	0.368	0.337	91.5		25	135
gamma-Chlordane	0	0.368	0.336	91.1		60	125
Heptachlor	0	0.368	0.323	87.7		40	130
Heptachlor epoxide	0.318	0.368	0.632	85.3		60	130
Methoxychlor	0	3.68	3.45	93.6		55	150

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806248

Fraction: PEST Matrix: Water

Units: ug/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806248-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
4,4'-DDD	0	0.700	0.681	97.3		6.64		25	150	50
4,4'-DDE	0	0.700	0.669	95.6		6.08		35	140	50
4,4'-DDT	0	0.700	0.636	90.8		6.19		45	140	50
Aldrin	0	0.350	0.280	80.0		6.18		25	140	50
alpha-BHC	0	0.350	0.317	90.7		6.93		60	130	50
alpha-Chlordane	0	0.350	0.317	90.5		6.03		65	125	50
beta-BHC	0	0.350	0.327	93.4		7.21		65	125	50
delta-BHC	0	0.350	0.151	43.1	ME	6.11		45	135	50
Dieldrin	0	0.700	0.671	95.9		6.47		60	130	50
Endosulfan I	0	0.350	0.324	92.5		6.50		50	110	50
Endosulfan II	0	0.700	0.668	95.4		6.83		30	130	50
Endosulfan sulfate	0	0.700	0.579	82.7		6.42		55	135	50
Endrin	0	0.700	0.676	96.6		6.53		55	135	50
Endrin aldehyde	0	0.700	0.657	93.8		6.99		55	135	50
Endrin ketone	0	0.700	0.664	94.8		5.55		75	125	50
gamma-BHC (Lindane)	0	0.350	0.315	90.0		6.74		25	135	50
gamma-Chlordane	0	0.350	0.316	90.2		6.13		60	125	50
Heptachlor	0	0.350	0.303	86.6		6.37		40	130	50
Heptachlor epoxide	0.318	0.350	0.645	93.3		1.90		60	130	50
Methoxychlor	0	3.50	3.22	92.1		6.75		55	150	50

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806048

(Sample Delivery Group, SDG)

376.2

(Parameter)

P806259

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc. **Fraction:** Wet Chemistry

QC Batch: P806259 **Method:** 376.2

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/13/08	6/13/08	0806048-01		SAMPLE	0806048
6/13/08	6/13/08	0806048-02		SAMPLE	0806048
6/13/08	6/13/08	0806048-03		SAMPLE	0806048
6/13/08	6/13/08	P806259-BLK1		Method Blank	0806048
6/13/08	6/13/08	P806259-BS1		LCS	0806048
6/13/08	6/13/08	P806259-BSD1		LCS Dup	0806048
6/13/08	6/13/08	P806259-MS1	0806037-02	Matrix Spike	0806048
6/13/08	6/13/08	P806259-MSD1	0806037-02	Matrix Spike Dup	0806048

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	P806259-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	
Batch:	P806259	Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide		mg/L	U	0.0500	0.178	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	P806259-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	
Batch:	P806259	Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide	0.373	mg/L		0.0500	0.178	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	P806259-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	
Batch:	P806259	Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide	0.391	mg/L		0.0500	0.178	1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806259
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Lab Sample ID: ***P806259-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Sulfide	0.375	0.373	99.5		75	125

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

Form 7 - Equivalent

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806259

Fraction: WET Matrix: Water

Units: mg/L

Lab Sample ID: ***P806259-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Sulfide	0.375	0.391	104		75	125	4.71

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 0

Total Number of Analytes: 1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	P806259-MS1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806259	Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide	0.417	mg/L		0.0500	0.178	1

ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	10.0 mL / 10 mL	Lab Sample ID:	P806259-MSD1
% Solids:	NA	Date Collected:	06/09/08 09:15
Analytical Methdod:	376.2	Date Analyzed:	06/13/08 19:22
Preparation:	NO PREP	Date Received:	06/10/08 10:00
Batch:	P806259	Date Prepared:	06/13/08 17:52

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
18496-25-8	Sulfide	0.488	mg/L		0.0500	0.178	1

Form 5A - Equivalent

MATRIX SPIKE RECOVERY

Lab Name:	Analytical Management Laboratories, Inc.	Batch:	P806259
Fraction:	WET	Matrix:	Water
Units:	mg/L		

Original Sample ***0806037-02*** ***Lab Sample ID for MS :*** ***P806259-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Sulfide	0	0.375	0.417	111		75	125

Form 5A - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806259

Fraction: WET Matrix: Water

Units: mg/L

Original Sample ***0806037-02*** ***Lab Sample ID for MSD*** ***P806259-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Sulfide	0	0.375	0.488	130	ME*	15.7		75	125	25

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806048

(Sample Delivery Group, SDG)

8270C

(Parameter)

P806289

(Analytical Batch)

Quality Control Association Form

Lab Name: Analytical Management Laboratories, Inc.
QC Batch: P806289
Fraction: GC Extractables
Method: 8270C

Date Analyzed	Date Prepared	Lab Sample ID	Original Sample	Sample Type	Project Number
6/23/08	6/16/08	0806048-01		SAMPLE	0806048
6/23/08	6/16/08	0806048-02		SAMPLE	0806048
6/23/08	6/16/08	0806048-02RE1		SAMPLE RE-ANALYSIS	0806048
6/23/08	6/16/08	0806048-03		SAMPLE	0806048
6/23/08	6/16/08	P806289-BLK1		Method Blank	0806048
6/23/08	6/16/08	P806289-BS1		LCS	0806048
6/23/08	6/16/08	P806289-BSD1		LCS Dup	0806048

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806289

SW-1-5-08 (0806048-01)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	52.2	40	125	
2-Fluorobiphenyl	56.3	40	140	
2-Fluorophenol	52.1	20	110	
Nitrobenzene-d5	56.8	40	110	
Phenol-d5	42.3	10	115	
Terphenyl-d14	83.5	50	135	

SW-2-5-08 (0806048-02)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	109	40	125	
2-Fluorobiphenyl	103	40	140	
2-Fluorophenol	98.7	20	110	
Nitrobenzene-d5	111	40	110	*
Phenol-d5	83.8	10	115	
Terphenyl-d14	150	50	135	*

SW-2-5-08 (0806048-02RE1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	108	40	125	
2-Fluorobiphenyl	108	40	140	
2-Fluorophenol	98.9	20	110	
Nitrobenzene-d5	110	40	110	
Phenol-d5	80.2	10	115	
Terphenyl-d14	147	50	135	*

SLMW-BLANK (0806048-03)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	57.7	40	125	
2-Fluorobiphenyl	59.3	40	140	
2-Fluorophenol	54.4	20	110	
Nitrobenzene-d5	66.8	40	110	
Phenol-d5	44.7	10	115	
Terphenyl-d14	90.4	50	135	

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806289

Blank (P806289-BLK1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	65.0	40	125	
2-Fluorobiphenyl	62.6	40	140	
2-Fluorophenol	62.2	20	110	
Nitrobenzene-d5	68.6	40	110	
Phenol-d5	52.9	10	115	
Terphenyl-d14	99.9	50	135	

LCS (P806289-BS1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	67.4	40	125	
2-Fluorobiphenyl	64.8	40	140	
2-Fluorophenol	71.2	20	110	
Nitrobenzene-d5	70.0	40	110	
Phenol-d5	60.0	10	115	
Terphenyl-d14	96.1	50	135	

LCS Dup (P806289-BSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
2,4,6-Tribromophenol	68.5	40	125	
2-Fluorobiphenyl	68.0	40	140	
2-Fluorophenol	71.7	20	110	
Nitrobenzene-d5	75.0	40	110	
Phenol-d5	59.2	10	115	
Terphenyl-d14	102	50	135	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806289-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/23/08 11:28
Preparation:	EPA 3510C	Date Received:	
Batch:	P806289	Date Prepared:	06/16/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.250	10.0	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.230	10.0	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.360	10.0	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol		ug/L	U	0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol		ug/L	U	0.670	10.0	1
120-83-2	2,4-Dichlorophenol		ug/L	U	0.360	10.0	1
105-67-9	2,4-Dimethylphenol		ug/L	U	0.230	10.0	1
51-28-5	2,4-Dinitrophenol		ug/L	U	1.59	10.0	1
121-14-2	2,4-Dinitrotoluene		ug/L	U	0.350	10.0	1
606-20-2	2,6-Dinitrotoluene		ug/L	U	0.240	10.0	1
91-58-7	2-Chloronaphthalene		ug/L	U	0.160	10.0	1
95-57-8	2-Chlorophenol		ug/L	U	0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol		ug/L	U	0.950	10.0	1
91-57-6	2-Methylnaphthalene		ug/L	U	2.62	10.0	1
95-48-7	2-Methylphenol		ug/L	U	0.310	10.0	1
88-74-4	2-Nitroaniline		ug/L	U	0.430	10.0	1
88-75-5	2-Nitrophenol		ug/L	U	0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine		ug/L	U	1.46	10.0	1
99-09-2	3-Nitroaniline		ug/L	U	0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether		ug/L	U	0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol		ug/L	U	0.250	10.0	1
106-47-8	4-Chloroaniline		ug/L	U	0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether		ug/L	U	0.470	10.0	1
100-01-6	4-Nitroaniline		ug/L	U	3.53	10.0	1
100-02-7	4-Nitrophenol		ug/L	U	0.810	10.0	1
83-32-9	Acenaphthene		ug/L	U	0.180	10.0	1
208-96-8	Acenaphthylene		ug/L	U	0.120	10.0	1
120-12-7	Anthracene		ug/L	U	0.220	10.0	1
56-55-3	Benzo(a)anthracene		ug/L	U	0.090	10.0	1
50-32-8	Benzo(a)pyrene		ug/L	U	0.120	10.0	1
205-99-2	Benzo(b)fluoranthene		ug/L	U	0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene		ug/L	U	0.440	10.0	1
207-08-9	Benzo(k)fluoranthene		ug/L	U	0.860	10.0	1
65-85-0	Benzoic acid		ug/L	U	2.35	10.0	1
100-51-6	Benzyl alcohol		ug/L	U	0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane		ug/L	U	0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether		ug/L	U	0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether		ug/L	U	0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate		ug/L	U	0.590	10.0	1
85-68-7	Butyl benzyl phthalate		ug/L	U	0.410	10.0	1
86-74-8	Carbazole		ug/L	U	0.340	10.0	1
218-01-9	Chrysene		ug/L	U	0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene		ug/L	U	2.26	10.0	1
132-64-9	Dibenzofuran		ug/L	U	0.170	10.0	1
84-66-2	Diethyl phthalate		ug/L	U	0.410	10.0	1
131-11-3	Dimethyl phthalate		ug/L	U	0.310	10.0	1
84-74-2	Di-n-butyl phthalate		ug/L	U	0.220	10.0	1
117-84-0	Di-n-octyl phthalate		ug/L	U	1.88	10.0	1
122-39-4	Diphenylamine		ug/L	U	0.630	10.0	1

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806289-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/23/08 11:28
Preparation:	EPA 3510C	Date Received:	
Batch:	P806289	Date Prepared:	06/16/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
206-44-0	Fluoranthene		ug/L	U	0.220	10.0	1
86-73-7	Fluorene		ug/L	U	0.420	10.0	1
118-74-1	Hexachlorobenzene		ug/L	U	0.130	10.0	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene		ug/L	U	0.320	10.0	1
67-72-1	Hexachloroethane		ug/L	U	0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene		ug/L	U	1.56	10.0	1
78-59-1	Isophorone		ug/L	U	0.120	10.0	1
91-20-3	Naphthalene		ug/L	U	0.240	10.0	1
98-95-3	Nitrobenzene		ug/L	U	0.330	10.0	1
62-75-9	N-Nitrosodimethylamine		ug/L	U	0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine		ug/L	U	0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine		ug/L	U	0.140	10.0	1
87-86-5	Pentachlorophenol		ug/L	U	0.300	10.0	1
85-01-8	Phenanthrene		ug/L	U	0.240	10.0	1
108-95-2	Phenol		ug/L	U	0.120	10.0	1
129-00-0	Pyrene		ug/L	U	0.400	10.0	1
34MP	3 & 4 Methylphenol		ug/L	U	4.00	20.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806289-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/23/08 11:53
Preparation:	EPA 3510C	Date Received:	
Batch:	P806289	Date Prepared:	06/16/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene	23.1	ug/L		0.250	10.0	1
95-50-1	1,2-Dichlorobenzene	25.6	ug/L		0.230	10.0	1
541-73-1	1,3-Dichlorobenzene	24.8	ug/L		0.360	10.0	1
106-46-7	1,4-Dichlorobenzene	25.3	ug/L		0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol	34.0	ug/L		0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol	31.9	ug/L		0.670	10.0	1
120-83-2	2,4-Dichlorophenol	32.8	ug/L		0.360	10.0	1
105-67-9	2,4-Dimethylphenol	33.4	ug/L		0.230	10.0	1
51-28-5	2,4-Dinitrophenol	31.2	ug/L		1.59	10.0	1
121-14-2	2,4-Dinitrotoluene	34.8	ug/L		0.350	10.0	1
606-20-2	2,6-Dinitrotoluene	33.8	ug/L		0.240	10.0	1
91-58-7	2-Chloronaphthalene	26.3	ug/L		0.160	10.0	1
95-57-8	2-Chlorophenol	35.8	ug/L		0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol	31.9	ug/L		0.950	10.0	1
91-57-6	2-Methylnaphthalene	26.9	ug/L		2.62	10.0	1
95-48-7	2-Methylphenol	34.9	ug/L		0.310	10.0	1
88-74-4	2-Nitroaniline	35.3	ug/L		0.430	10.0	1
88-75-5	2-Nitrophenol	32.0	ug/L		0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine	34.3	ug/L		1.46	10.0	1
99-09-2	3-Nitroaniline	38.8	ug/L		0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether	33.2	ug/L		0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol	34.8	ug/L		0.250	10.0	1
106-47-8	4-Chloroaniline	15.2	ug/L		0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether	30.7	ug/L		0.470	10.0	1
100-01-6	4-Nitroaniline	34.5	ug/L		3.53	10.0	1
100-02-7	4-Nitrophenol	26.5	ug/L		0.810	10.0	1
83-32-9	Acenaphthene	29.2	ug/L		0.180	10.0	1
208-96-8	Acenaphthylene	32.9	ug/L		0.120	10.0	1
120-12-7	Anthracene	37.9	ug/L		0.220	10.0	1
56-55-3	Benzo(a)anthracene	36.4	ug/L		0.090	10.0	1
50-32-8	Benzo(a)pyrene	35.4	ug/L		0.120	10.0	1
205-99-2	Benzo(b)fluoranthene	32.0	ug/L		0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene	35.3	ug/L		0.440	10.0	1
207-08-9	Benzo(k)fluoranthene	40.4	ug/L		0.860	10.0	1
65-85-0	Benzoic acid	15.4	ug/L		2.35	10.0	1
100-51-6	Benzyl alcohol	32.6	ug/L		0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane	36.2	ug/L		0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether	34.8	ug/L		0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether	33.6	ug/L		0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate	35.4	ug/L		0.590	10.0	1
85-68-7	Butyl benzyl phthalate	36.2	ug/L		0.410	10.0	1
86-74-8	Carbazole	38.5	ug/L		0.340	10.0	1
218-01-9	Chrysene	37.7	ug/L		0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene	35.0	ug/L		2.26	10.0	1
132-64-9	Dibenzofuran	31.4	ug/L		0.170	10.0	1
84-66-2	Diethyl phthalate	36.8	ug/L		0.410	10.0	1
131-11-3	Dimethyl phthalate	35.9	ug/L		0.310	10.0	1
84-74-2	Di-n-butyl phthalate	38.1	ug/L		0.220	10.0	1
117-84-0	Di-n-octyl phthalate	36.3	ug/L		1.88	10.0	1
122-39-4	Diphenylamine	35.5	ug/L		0.630	10.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806289-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/23/08 11:53
Preparation:	EPA 3510C	Date Received:	
Batch:	P806289	Date Prepared:	06/16/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
206-44-0	Fluoranthene	37.4	ug/L		0.220	10.0	1
86-73-7	Fluorene	33.2	ug/L		0.420	10.0	1
118-74-1	Hexachlorobenzene	33.7	ug/L		0.130	10.0	1
87-68-3	Hexachlorobutadiene	20.9	ug/L		0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene	12.8	ug/L		0.320	10.0	1
67-72-1	Hexachloroethane	22.7	ug/L		0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene	35.7	ug/L		1.56	10.0	1
78-59-1	Isophorone	38.7	ug/L		0.120	10.0	1
91-20-3	Naphthalene	29.0	ug/L		0.240	10.0	1
98-95-3	Nitrobenzene	34.3	ug/L		0.330	10.0	1
62-75-9	N-Nitrosodimethylamine	25.6	ug/L		0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine	36.8	ug/L		0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine	36.8	ug/L		0.140	10.0	1
87-86-5	Pentachlorophenol	33.9	ug/L		0.300	10.0	1
85-01-8	Phenanthrene	36.8	ug/L		0.240	10.0	1
108-95-2	Phenol	27.8	ug/L		0.120	10.0	1
129-00-0	Pyrene	39.1	ug/L		0.400	10.0	1
34MP	3 & 4 Methylphenol	68.8	ug/L		4.00	20.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806289-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/23/08 12:17
Preparation:	EPA 3510C	Date Received:	
Batch:	P806289	Date Prepared:	06/16/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
120-82-1	1,2,4-Trichlorobenzene	23.7	ug/L		0.250	10.0	1
95-50-1	1,2-Dichlorobenzene	24.9	ug/L		0.230	10.0	1
541-73-1	1,3-Dichlorobenzene	24.3	ug/L		0.360	10.0	1
106-46-7	1,4-Dichlorobenzene	24.4	ug/L		0.200	10.0	1
95-95-4	2,4,5-Trichlorophenol	35.6	ug/L		0.860	10.0	1
88-06-2	2,4,6-Trichlorophenol	34.9	ug/L		0.670	10.0	1
120-83-2	2,4-Dichlorophenol	36.6	ug/L		0.360	10.0	1
105-67-9	2,4-Dimethylphenol	35.5	ug/L		0.230	10.0	1
51-28-5	2,4-Dinitrophenol	33.9	ug/L		1.59	10.0	1
121-14-2	2,4-Dinitrotoluene	35.8	ug/L		0.350	10.0	1
606-20-2	2,6-Dinitrotoluene	36.4	ug/L		0.240	10.0	1
91-58-7	2-Chloronaphthalene	27.7	ug/L		0.160	10.0	1
95-57-8	2-Chlorophenol	37.6	ug/L		0.120	10.0	1
534-52-1	2-Methyl-4,6-dinitrophenol	35.2	ug/L		0.950	10.0	1
91-57-6	2-Methylnaphthalene	28.0	ug/L		2.62	10.0	1
95-48-7	2-Methylphenol	37.4	ug/L		0.310	10.0	1
88-74-4	2-Nitroaniline	36.6	ug/L		0.430	10.0	1
88-75-5	2-Nitrophenol	34.6	ug/L		0.350	10.0	1
91-94-1	3,3'-Dichlorobenzidine	36.7	ug/L		1.46	10.0	1
99-09-2	3-Nitroaniline	40.8	ug/L		0.340	10.0	1
101-55-3	4-Bromophenyl phenyl ether	34.1	ug/L		0.360	10.0	1
59-50-7	4-Chloro-3-methylphenol	36.7	ug/L		0.250	10.0	1
106-47-8	4-Chloroaniline	14.2	ug/L		0.870	10.0	1
7005-72-3	4-Chlorophenyl phenyl ether	34.0	ug/L		0.470	10.0	1
100-01-6	4-Nitroaniline	35.7	ug/L		3.53	10.0	1
100-02-7	4-Nitrophenol	24.4	ug/L		0.810	10.0	1
83-32-9	Acenaphthene	31.4	ug/L		0.180	10.0	1
208-96-8	Acenaphthylene	35.3	ug/L		0.120	10.0	1
120-12-7	Anthracene	38.8	ug/L		0.220	10.0	1
56-55-3	Benzo(a)anthracene	38.6	ug/L		0.090	10.0	1
50-32-8	Benzo(a)pyrene	36.9	ug/L		0.120	10.0	1
205-99-2	Benzo(b)fluoranthene	36.7	ug/L		0.086	10.0	1
191-24-2	Benzo (g,h,i) perylene	36.5	ug/L		0.440	10.0	1
207-08-9	Benzo(k)fluoranthene	36.6	ug/L		0.860	10.0	1
65-85-0	Benzoic acid	19.6	ug/L		2.35	10.0	1
100-51-6	Benzyl alcohol	34.6	ug/L		0.520	10.0	1
111-91-1	Bis(2-chloroethoxy)methane	38.9	ug/L		0.210	10.0	1
111-44-4	Bis(2-chloroethyl)ether	37.0	ug/L		0.096	10.0	1
108-60-1	Bis(2-chloroisopropyl) ether	37.2	ug/L		0.440	10.0	1
117-81-7	Bis(2-ethylhexyl) phthalate	37.6	ug/L		0.590	10.0	1
85-68-7	Butyl benzyl phthalate	37.0	ug/L		0.410	10.0	1
86-74-8	Carbazole	37.9	ug/L		0.340	10.0	1
218-01-9	Chrysene	38.6	ug/L		0.400	10.0	1
53-70-3	Dibenz(a,h)anthracene	36.4	ug/L		2.26	10.0	1
132-64-9	Dibenzofuran	34.2	ug/L		0.170	10.0	1
84-66-2	Diethyl phthalate	37.2	ug/L		0.410	10.0	1
131-11-3	Dimethyl phthalate	36.7	ug/L		0.310	10.0	1
84-74-2	Di-n-butyl phthalate	40.7	ug/L		0.220	10.0	1
117-84-0	Di-n-octyl phthalate	38.2	ug/L		1.88	10.0	1
122-39-4	Diphenylamine	37.6	ug/L		0.630	10.0	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	1,000 mL / 1.0 mL	Lab Sample ID:	P806289-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8270C	Date Analyzed:	06/23/08 12:17
Preparation:	EPA 3510C	Date Received:	
Batch:	P806289	Date Prepared:	06/16/08 09:00

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
206-44-0	Fluoranthene	40.2	ug/L		0.220	10.0	1
86-73-7	Fluorene	36.1	ug/L		0.420	10.0	1
118-74-1	Hexachlorobenzene	34.8	ug/L		0.130	10.0	1
87-68-3	Hexachlorobutadiene	20.4	ug/L		0.950	10.0	1
77-47-4	Hexachlorocyclopentadiene	14.9	ug/L		0.320	10.0	1
67-72-1	Hexachloroethane	21.8	ug/L		0.310	10.0	1
193-39-5	Indeno (1,2,3-cd) pyrene	37.3	ug/L		1.56	10.0	1
78-59-1	Isophorone	41.6	ug/L		0.120	10.0	1
91-20-3	Naphthalene	29.9	ug/L		0.240	10.0	1
98-95-3	Nitrobenzene	36.1	ug/L		0.330	10.0	1
62-75-9	N-Nitrosodimethylamine	25.3	ug/L		0.360	10.0	1
621-64-7	N-Nitrosodi-n-propylamine	39.8	ug/L		0.360	10.0	1
86-30-6	N-Nitrosodiphenylamine	37.3	ug/L		0.140	10.0	1
87-86-5	Pentachlorophenol	34.6	ug/L		0.300	10.0	1
85-01-8	Phenanthrene	37.6	ug/L		0.240	10.0	1
108-95-2	Phenol	28.2	ug/L		0.120	10.0	1
129-00-0	Pyrene	38.9	ug/L		0.400	10.0	1
34MP	3 & 4 Methylphenol	72.4	ug/L		4.00	20.0	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806289

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806289-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
1,2,4-Trichlorobenzene	50.0	23.1	46.2		35	105
1,2-Dichlorobenzene	50.0	25.6	51.1		35	100
1,3-Dichlorobenzene	50.0	24.8	49.6		30	100
1,4-Dichlorobenzene	50.0	25.3	50.6		30	100
2,4,5-Trichlorophenol	50.0	34.0	67.9		50	110
2,4,6-Trichlorophenol	50.0	31.9	63.9		50	115
2,4-Dichlorophenol	50.0	32.8	65.6		50	105
2,4-Dimethylphenol	50.0	33.4	66.8		30	110
2,4-Dinitrophenol	50.0	31.2	62.5		15	140
2,4-Dinitrotoluene	50.0	34.8	69.5		50	120
2,6-Dinitrotoluene	50.0	33.8	67.7		50	115
2-Chloronaphthalene	50.0	26.3	52.6		50	105
2-Chlorophenol	50.0	35.8	71.6		35	105
2-Methyl-4,6-dinitrophenol	50.0	31.9	63.8		45	135
2-Methylnaphthalene	50.0	26.9	53.8		45	105
2-Methylphenol	50.0	34.9	69.7		40	110
2-Nitroaniline	50.0	35.3	70.6		50	115
2-Nitrophenol	50.0	32.0	64.0		40	115
3,3'-Dichlorobenzidine	50.0	34.3	68.5		20	110
3-Nitroaniline	50.0	38.8	77.6		20	125
4-Bromophenyl phenyl ether	50.0	33.2	66.3		50	115
4-Chloro-3-methylphenol	50.0	34.8	69.7		45	110
4-Chloroaniline	50.0	15.2	30.5		15	110
4-Chlorophenyl phenyl ether	50.0	30.7	61.3		50	110
4-Nitroaniline	50.0	34.5	69.1		35	120
4-Nitrophenol	50.0	26.5	53.1		45	135
Acenaphthene	50.0	29.2	58.4		45	110
Acenaphthylene	50.0	32.9	65.8		50	105
Anthracene	50.0	37.9	75.8		55	110
Benzo(a)anthracene	50.0	36.4	72.7		55	110
Benzo(a)pyrene	50.0	35.4	70.8		55	110
Benzo(b)fluoranthene	50.0	32.0	64.0		45	120
Benzo (g,h,i) perylene	50.0	35.3	70.6		40	125
Benzo(k)fluoranthene	50.0	40.4	80.7		45	125
Benzoic acid	50.0	15.4	30.9		20	145
Benzyl alcohol	50.0	32.6	65.3		45	135
Bis(2-chloroethoxy)methane	50.0	36.2	72.4		45	105
Bis(2-chloroethyl)ether	50.0	34.8	69.7		35	110
Bis(2-chloroisopropyl) ether	50.0	33.6	67.2		25	130
Bis(2-ethylhexyl) phthalate	50.0	35.4	70.8		40	125
Butyl benzyl phthalate	50.0	36.2	72.4		45	115
Carbazole	50.0	38.5	77.0		50	115
Chrysene	50.0	37.7	75.5		55	110
Dibenz(a,h)anthracene	50.0	35.0	70.1		40	125
Dibenzofuran	50.0	31.4	62.7		55	105
Diethyl phthalate	50.0	36.8	73.5		40	120
Dimethyl phthalate	50.0	35.9	71.7		25	125
Di-n-butyl phthalate	50.0	38.1	76.2		55	115
Di-n-octyl phthalate	50.0	36.3	72.6		35	135
Diphenylamine	50.0	35.5	71.0		45	135
Fluoranthene	50.0	37.4	74.8		55	115
Fluorene	50.0	33.2	66.5		50	110
Hexachlorobenzene	50.0	33.7	67.3		50	110
Hexachlorobutadiene	50.0	20.9	41.8		25	105

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806289

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806289-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Hexachlorocyclopentadiene	50.0	12.8	25.6	ME*	30	145
Hexachloroethane	50.0	22.7	45.4		30	95
Indeno (1,2,3-cd) pyrene	50.0	35.7	71.3		45	125
Isophorone	50.0	38.7	77.3		50	110
Naphthalene	50.0	29.0	58.0		40	100
Nitrobenzene	50.0	34.3	68.6		45	110
N-Nitrosodimethylamine	50.0	25.6	51.2		20	115
N-Nitrosodi-n-propylamine	50.0	36.8	73.7		35	130
N-Nitrosodiphenylamine	50.0	36.8	73.7		50	110
Pentachlorophenol	50.0	33.9	67.8		40	115
Phenanthrene	50.0	36.8	73.5		50	115
Phenol	50.0	27.8	55.6		45	135
Pyrene	50.0	39.1	78.3		50	130
3 & 4 Methylphenol	100	68.8	68.8		30	110

Actual Number of Marginal Exceedences: 1

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806289

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806289-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
1,2,4-Trichlorobenzene	50.0	23.7	47.3		35	105	2.44
1,2-Dichlorobenzene	50.0	24.9	49.8		35	100	2.54
1,3-Dichlorobenzene	50.0	24.3	48.7		30	100	1.87
1,4-Dichlorobenzene	50.0	24.4	48.7		30	100	3.83
2,4,5-Trichlorophenol	50.0	35.6	71.2		50	110	4.69
2,4,6-Trichlorophenol	50.0	34.9	69.8		50	115	8.95
2,4-Dichlorophenol	50.0	36.6	73.1		50	105	10.8
2,4-Dimethylphenol	50.0	35.5	71.0		30	110	6.12
2,4-Dinitrophenol	50.0	33.9	67.8		15	140	8.16
2,4-Dinitrotoluene	50.0	35.8	71.6		50	120	2.89
2,6-Dinitrotoluene	50.0	36.4	72.7		50	115	7.24
2-Chloronaphthalene	50.0	27.7	55.4		50	105	5.11
2-Chlorophenol	50.0	37.6	75.1		35	105	4.77
2-Methyl-4,6-dinitrophenol	50.0	35.2	70.3		45	135	9.69
2-Methylnaphthalene	50.0	28.0	55.9		45	105	3.97
2-Methylphenol	50.0	37.4	74.8		40	110	7.00
2-Nitroaniline	50.0	36.6	73.3		50	115	3.70
2-Nitrophenol	50.0	34.6	69.1		40	115	7.66
3,3'-Dichlorobenzidine	50.0	36.7	73.4		20	110	6.93
3-Nitroaniline	50.0	40.8	81.6		20	125	5.02
4-Bromophenyl phenyl ether	50.0	34.1	68.2		50	115	2.82
4-Chloro-3-methylphenol	50.0	36.7	73.4		45	110	5.20
4-Chloroaniline	50.0	14.2	28.5		15	110	6.85
4-Chlorophenyl phenyl ether	50.0	34.0	67.9		50	110	10.2
4-Nitroaniline	50.0	35.7	71.4		35	120	3.25
4-Nitrophenol	50.0	24.4	48.7		45	135	8.57
Acenaphthene	50.0	31.4	62.8		45	110	7.39
Acenaphthylene	50.0	35.3	70.7		50	105	7.18
Anthracene	50.0	38.8	77.6		55	110	2.32
Benzo(a)anthracene	50.0	38.6	77.2		55	110	5.95
Benzo(a)pyrene	50.0	36.9	73.7		55	110	4.04
Benzo(b)fluoranthene	50.0	36.7	73.4		45	120	13.7
Benzo (g,h,i) perylene	50.0	36.5	73.1		40	125	3.45
Benzo(k)fluoranthene	50.0	36.6	73.3		45	125	9.64
Benzoic acid	50.0	19.6	39.1		20	145	23.6
Benzyl alcohol	50.0	34.6	69.2		45	135	5.83
Bis(2-chloroethoxy)methane	50.0	38.9	77.7		45	105	7.09
Bis(2-chloroethyl)ether	50.0	37.0	74.1		35	110	6.12
Bis(2-chloroisopropyl) ether	50.0	37.2	74.3		25	130	10.1
Bis(2-ethylhexyl) phthalate	50.0	37.6	75.2		40	125	6.08
Butyl benzyl phthalate	50.0	37.0	73.9		45	115	2.10
Carbazole	50.0	37.9	75.8		50	115	1.52
Chrysene	50.0	38.6	77.2		55	110	2.31
Dibenz(a,h)anthracene	50.0	36.4	72.8		40	125	3.72
Dibenzofuran	50.0	34.2	68.4		55	105	8.72
Diethyl phthalate	50.0	37.2	74.3		40	120	1.11
Dimethyl phthalate	50.0	36.7	73.4		25	125	2.26
Di-n-butyl phthalate	50.0	40.7	81.3		55	115	6.47
Di-n-octyl phthalate	50.0	38.2	76.5		35	135	5.23
Diphenylamine	50.0	37.6	75.3		45	135	5.82
Fluoranthene	50.0	40.2	80.5		55	115	7.34
Fluorene	50.0	36.1	72.3		50	110	8.33
Hexachlorobenzene	50.0	34.8	69.5		50	110	3.16
Hexachlorobutadiene	50.0	20.4	40.8		25	105	2.37

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806289

Fraction: SVOA Matrix: Water

Units: ug/L

Lab Sample ID: ***P806289-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Hexachlorocyclopentadiene	50.0	14.9	29.9	ME*	30	145	15.3
Hexachloroethane	50.0	21.8	43.6		30	95	4.09
Indeno (1,2,3-cd) pyrene	50.0	37.3	74.6		45	125	4.49
Isophorone	50.0	41.6	83.1		50	110	7.18
Naphthalene	50.0	29.9	59.8		40	100	2.95
Nitrobenzene	50.0	36.1	72.3		45	110	5.20
N-Nitrosodimethylamine	50.0	25.3	50.7		20	115	1.06
N-Nitrosodi-n-propylamine	50.0	39.8	79.5		35	130	7.60
N-Nitrosodiphenylamine	50.0	37.3	74.7		50	110	1.32
Pentachlorophenol	50.0	34.6	69.3		40	115	2.13
Phenanthrene	50.0	37.6	75.1		50	115	2.15
Phenol	50.0	28.2	56.4		45	135	1.46
Pyrene	50.0	38.9	77.8		50	130	0.615
3 & 4 Methylphenol	100	72.4	72.4		30	110	5.23

Actual Number of Marginal Exceedences: 1

Number of Exceedences (ME) Allowed: 3

Total Number of Analytes: 68

QAQC Analysis Data Sheets

(Form I equivalents, QCAF Form, Recovery Forms)

0806048

(Sample Delivery Group, SDG)

8260B

(Parameter)

P806230

(Analytical Batch)

Quality Control Association Form

Lab Name:	Analytical Management Laboratories, Inc.	**Fraction:**	VOA_GCMS
QC Batch:	P806230	**Method:**	8260B

Date Analyzed	Lab Sample ID	Original Sample	Sample Type	Project Number
6/12/08	0806048-01		SAMPLE	0806048
6/12/08	0806048-02		SAMPLE	0806048
6/12/08	0806048-03		SAMPLE	0806048
6/12/08	0806048-04		SAMPLE	0806048
6/12/08	P806230-BLK1		Method Blank	0806048
6/12/08	P806230-BS1		LCS	0806048
6/12/08	P806230-BSD1		LCS Dup	0806048
6/12/08	P806230-MS1	0806051-07	Matrix Spike	0806048
6/12/08	P806230-MSD1	0806051-07	Matrix Spike Dup	0806048

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806230

SW-1-5-08 (0806048-01)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	102	85	115	
1,2-Dichloroethane-d4	106	70	120	
Toluene-d8	97.1	85	120	
4-Bromofluorobenzene	103	75	120	

SW-2-5-08 (0806048-02)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	101	85	115	
1,2-Dichloroethane-d4	106	70	120	
Toluene-d8	97.5	85	120	
4-Bromofluorobenzene	104	75	120	

SLMW-BLANK (0806048-03)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	105	85	115	
1,2-Dichloroethane-d4	113	70	120	
Toluene-d8	101	85	120	
4-Bromofluorobenzene	104	75	120	

Trip Blank (0806048-04)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	103	85	115	
1,2-Dichloroethane-d4	108	70	120	
Toluene-d8	96.7	85	120	
4-Bromofluorobenzene	103	75	120	

Blank (P806230-BLK1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	108	85	115	
1,2-Dichloroethane-d4	113	70	120	
Toluene-d8	101	85	120	
4-Bromofluorobenzene	106	75	120	

Form 2 - Equivalent

SYSTEM MONITORING COMPOUND RECOVERY

Laboratory: Analytical Management Laboratories, Inc.

QC Batch: P806230

LCS (P806230-BS1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	107	85	115	
1,2-Dichloroethane-d4	111	70	120	
Toluene-d8	101	85	120	
4-Bromofluorobenzene	103	75	120	

LCS Dup (P806230-BSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	108	85	115	
1,2-Dichloroethane-d4	114	70	120	
Toluene-d8	105	85	120	
4-Bromofluorobenzene	106	75	120	

Matrix Spike (P806230-MS1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	104	85	115	
1,2-Dichloroethane-d4	111	70	120	
Toluene-d8	99.3	85	120	
4-Bromofluorobenzene	104	75	120	

Matrix Spike Dup (P806230-MSD1)

Surrogate Compound	*% Rec*	*QC Limit Low*	*QC Limit High*	*QC Flag*
Dibromofluoromethane	103	85	115	
1,2-Dichloroethane-d4	110	70	120	
Toluene-d8	96.7	85	120	
4-Bromofluorobenzene	103	75	120	

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806230-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/12/08 14:16
Preparation:	EPA 5030B	Date Received:	
Batch:	P806230		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane		ug/L	U	0.200	2.00	1
74-87-3	Chloromethane		ug/L	U	0.400	2.00	1
75-01-4	Vinyl chloride		ug/L	U	0.200	2.00	1
74-83-9	Bromomethane		ug/L	U	0.200	2.00	1
75-00-3	Chloroethane		ug/L	U	0.200	2.00	1
75-69-4	Trichlorofluoromethane		ug/L	U	0.200	2.00	1
75-35-4	1,1-Dichloroethene		ug/L	U	0.200	2.00	1
107-02-8	Acrolein		ug/L	U	1.00	10.0	1
67-64-1	Acetone		ug/L	U	2.00	10.0	1
107-13-1	Acrylonitrile		ug/L	U	0.200	10.0	1
75-15-0	Carbon disulfide		ug/L	U	0.200	2.00	1
75-09-2	Methylene Chloride		ug/L	U	0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
108-05-4	Vinyl acetate		ug/L	U	0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether		ug/L	U	0.200	2.00	1
75-34-3	1,1-Dichloroethane		ug/L	U	0.200	2.00	1
78-93-3	2-Butanone		ug/L	U	2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene		ug/L	U	0.200	2.00	1
594-20-7	2,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-97-5	Bromochloromethane		ug/L	U	0.200	2.00	1
67-66-3	Chloroform		ug/L	U	0.200	2.00	1
71-55-6	1,1,1-Trichloroethane		ug/L	U	0.200	2.00	1
563-58-6	1,1-Dichloropropene		ug/L	U	0.200	2.00	1
56-23-5	Carbon Tetrachloride		ug/L	U	0.200	2.00	1
107-06-2	1,2-Dichloroethane		ug/L	U	0.200	2.00	1
71-43-2	Benzene		ug/L	U	0.200	2.00	1
79-01-6	Trichloroethene		ug/L	U	0.200	2.00	1
78-87-5	1,2-Dichloropropane		ug/L	U	0.200	2.00	1
74-95-3	Dibromomethane		ug/L	U	0.200	2.00	1
75-27-4	Bromodichloromethane		ug/L	U	0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
108-10-1	4-Methyl-2-pentanone		ug/L	U	2.00	10.0	1
108-88-3	Toluene		ug/L	U	0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene		ug/L	U	0.200	2.00	1
79-00-5	1,1,2-Trichloroethane		ug/L	U	0.200	2.00	1
142-28-9	1,3-Dichloropropane		ug/L	U	0.200	2.00	1
127-18-4	Tetrachloroethene		ug/L	U	0.200	2.00	1
591-78-6	2-Hexanone		ug/L	U	2.00	10.0	1
124-48-1	Dibromochloromethane		ug/L	U	0.200	2.00	1
106-93-4	1,2-Dibromoethane		ug/L	U	0.200	2.00	1
108-90-7	Chlorobenzene		ug/L	U	0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
100-41-4	Ethylbenzene		ug/L	U	0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene		ug/L	U	0.400	4.00	1
74-88-4	Iodomethane		ug/L	Q2, U	0.500	2.00	1
95-47-6	o-Xylene		ug/L	U	0.200	2.00	1
100-42-5	Styrene		ug/L	U	0.200	2.00	1
75-25-2	Bromoform		ug/L	U	0.200	2.00	1
98-82-8	Isopropylbenzene		ug/L	U	0.200	2.00	1
96-18-4	1,2,3-Trichloropropane		ug/L	U	0.400	2.00	1

Form 1 - Equivalent

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Method Blank
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806230-BLK1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/12/08 14:16
Preparation:	EPA 5030B	Date Received:	
Batch:	P806230		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane		ug/L	U	0.200	2.00	1
108-86-1	Bromobenzene		ug/L	U	0.200	2.00	1
103-65-1	n-Propylbenzene		ug/L	U	0.200	2.00	1
95-49-8	2-Chlorotoluene		ug/L	U	0.200	2.00	1
106-43-4	4-Chlorotoluene		ug/L	U	0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene		ug/L	U	0.200	2.00	1
98-06-6	tert-Butylbenzene		ug/L	U	0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene		ug/L	U	0.200	2.00	1
135-98-8	sec-Butylbenzene		ug/L	U	0.200	2.00	1
541-73-1	1,3-Dichlorobenzene		ug/L	U	0.200	2.00	1
106-46-7	1,4-Dichlorobenzene		ug/L	U	0.200	2.00	1
95-50-1	1,2-Dichlorobenzene		ug/L	U	0.200	2.00	1
99-87-6	4-Isopropyltoluene		ug/L	U	0.200	2.00	1
104-51-8	n-Butylbenzene		ug/L	U	0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane		ug/L	U	0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene		ug/L	U	0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene		ug/L	U	0.400	2.00	1
87-68-3	Hexachlorobutadiene		ug/L	U	0.200	2.00	1
91-20-3	Naphthalene		ug/L	U	0.400	2.00	1
110-57-6	trans-1,4-Dichloro-2-butene		ug/L	U	2.00	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806230-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/12/08 12:38
Preparation:	EPA 5030B	Date Received:	
Batch:	P806230		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	22.9	ug/L		0.200	2.00	1
74-87-3	Chloromethane	28.6	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	24.4	ug/L		0.200	2.00	1
74-83-9	Bromomethane	20.4	ug/L		0.200	2.00	1
75-00-3	Chloroethane	24.0	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	26.2	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	27.2	ug/L		0.200	2.00	1
107-02-8	Acrolein	148	ug/L		1.00	10.0	1
67-64-1	Acetone	149	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	24.4	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	22.0	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	23.6	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	25.1	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	29.1	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	27.8	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	22.9	ug/L		0.200	2.00	1
78-93-3	2-Butanone	127	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	25.3	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	26.4	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	24.3	ug/L		0.200	2.00	1
67-66-3	Chloroform	24.7	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	24.7	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	25.5	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	26.6	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	26.2	ug/L		0.200	2.00	1
71-43-2	Benzene	24.1	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	24.5	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	22.8	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	24.7	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	25.9	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	25.8	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	130	ug/L		2.00	10.0	1
108-88-3	Toluene	24.6	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	27.6	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	24.4	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	23.7	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	21.3	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	126	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	26.2	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	23.9	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	22.6	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	25.2	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	22.4	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	46.9	ug/L		0.400	4.00	1
74-88-4	Iodomethane	15.2	ug/L	Q2	0.500	2.00	1
95-47-6	o-Xylene	22.6	ug/L		0.200	2.00	1
100-42-5	Styrene	22.7	ug/L		0.200	2.00	1
75-25-2	Bromoform	27.7	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	22.6	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	27.3	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806230-BS1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/12/08 12:38
Preparation:	EPA 5030B	Date Received:	
Batch:	P806230		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane	24.3	ug/L		0.200	2.00	1
108-86-1	Bromobenzene	22.9	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	23.7	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	23.7	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	24.0	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	22.7	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	23.4	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	22.6	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	25.1	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.8	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.8	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	23.2	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	24.2	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	24.5	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	27.4	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	25.1	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	25.6	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	23.8	ug/L		0.200	2.00	1
91-20-3	Naphthalene	26.7	ug/L		0.400	2.00	1
110-57-6	trans-1,4-Dichloro-2-butene	26.2	ug/L		2.00	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806230-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/12/08 13:11
Preparation:	EPA 5030B	Date Received:	
Batch:	P806230		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	22.8	ug/L		0.200	2.00	1
74-87-3	Chloromethane	26.8	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	24.8	ug/L		0.200	2.00	1
74-83-9	Bromomethane	21.5	ug/L		0.200	2.00	1
75-00-3	Chloroethane	25.8	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	26.4	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	27.6	ug/L		0.200	2.00	1
107-02-8	Acrolein	156	ug/L		1.00	10.0	1
67-64-1	Acetone	156	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	24.7	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	22.1	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	24.4	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	25.5	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	30.5	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	29.1	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	23.1	ug/L		0.200	2.00	1
78-93-3	2-Butanone	132	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	25.6	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	25.9	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	24.8	ug/L		0.200	2.00	1
67-66-3	Chloroform	24.7	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	25.4	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	25.6	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	27.2	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	27.0	ug/L		0.200	2.00	1
71-43-2	Benzene	24.3	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	24.8	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	23.2	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	25.8	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	26.6	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	26.5	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	139	ug/L		2.00	10.0	1
108-88-3	Toluene	24.8	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	28.4	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	24.6	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	23.9	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	20.3	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	133	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	26.4	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	24.2	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	22.5	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	25.2	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	22.1	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	48.7	ug/L		0.400	4.00	1
74-88-4	Iodomethane	18.3	ug/L	Q2	0.500	2.00	1
95-47-6	o-Xylene	21.9	ug/L		0.200	2.00	1
100-42-5	Styrene	22.4	ug/L		0.200	2.00	1
75-25-2	Bromoform	28.2	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	22.7	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	26.9	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	LCS Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806230-BSD1
% Solids:	NA	Date Collected:	
Analytical Methdod:	8260B	Date Analyzed:	06/12/08 13:11
Preparation:	EPA 5030B	Date Received:	
Batch:	P806230		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane	24.7	ug/L		0.200	2.00	1
108-86-1	Bromobenzene	22.8	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	23.2	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	23.3	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	23.6	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	22.2	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	22.8	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	22.3	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	24.3	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	22.3	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	22.6	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	23.0	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	23.8	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	23.9	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	26.8	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	25.0	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	25.2	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	23.2	ug/L		0.200	2.00	1
91-20-3	Naphthalene	26.8	ug/L		0.400	2.00	1
110-57-6	trans-1,4-Dichloro-2-butene	27.0	ug/L		2.00	2.00	1

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806230

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806230-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
Dichlorodifluoromethane	25.0	22.9	91.5		30	155
Chloromethane	25.0	28.6	114		40	125
Vinyl chloride	25.0	24.4	97.6		50	145
Bromomethane	25.0	20.4	81.7		30	145
Chloroethane	25.0	24.0	96.1		60	135
Trichlorofluoromethane	25.0	26.2	105		60	145
1,1-Dichloroethene	25.0	27.2	109		70	130
Acrolein	125	148	119		54	142
Acetone	125	149	119		40	140
Acrylonitrile	25.0	24.4	97.6		71	129
Carbon disulfide	25.0	22.0	88.0		35	160
Methylene Chloride	25.0	23.6	94.2		55	140
trans-1,2-Dichloroethene	25.0	25.1	100		60	140
Vinyl acetate	25.0	29.1	116		72	121
Methyl tert-Butyl Ether	25.0	27.8	111		65	125
1,1-Dichloroethane	25.0	22.9	91.6		70	135
2-Butanone	125	127	102		30	150
cis-1,2-Dichloroethene	25.0	25.3	101		70	125
2,2-Dichloropropane	25.0	26.4	106		70	135
Bromochloromethane	25.0	24.3	97.3		65	130
Chloroform	25.0	24.7	98.8		65	135
1,1,1-Trichloroethane	25.0	24.7	98.8		65	130
1,1-Dichloropropene	25.0	25.5	102		75	130
Carbon Tetrachloride	25.0	26.6	106		65	140
1,2-Dichloroethane	25.0	26.2	105		70	130
Benzene	25.0	24.1	96.2		80	120
Trichloroethene	25.0	24.5	98.2		70	125
1,2-Dichloropropane	25.0	22.8	91.2		75	125
Dibromomethane	25.0	24.7	99.0		75	125
Bromodichloromethane	25.0	25.9	104		75	120
cis-1,3-Dichloropropene	25.0	25.8	103		70	130
4-Methyl-2-pentanone	125	130	104		60	135
Toluene	25.0	24.6	98.3		75	120
trans-1,3-Dichloropropene	25.0	27.6	110		55	140
1,1,2-Trichloroethane	25.0	24.4	97.6		75	125
1,3-Dichloropropane	25.0	23.7	95.0		75	125
Tetrachloroethene	25.0	21.3	85.1		45	150
2-Hexanone	125	126	101		55	130
Dibromochloromethane	25.0	26.2	105		60	135
1,2-Dibromoethane	25.0	23.9	95.6		80	120
Chlorobenzene	25.0	22.6	90.6		80	120
1,1,1,2-Tetrachloroethane	25.0	25.2	101		80	130
Ethylbenzene	25.0	22.4	89.4		75	125
m-Xylene/p-Xylene	50.0	46.9	93.9		75	130
Iodomethane	25.0	15.2	60.8		57	145
o-Xylene	25.0	22.6	90.2		80	120
Styrene	25.0	22.7	90.8		65	135
Bromoform	25.0	27.7	111		70	130
Isopropylbenzene	25.0	22.6	90.6		75	125
1,2,3-Trichloropropane	25.0	27.3	109		75	125
1,1,2,2-Tetrachloroethane	25.0	24.3	97.0		65	130
Bromobenzene	25.0	22.9	91.5		75	125
n-Propylbenzene	25.0	23.7	94.9		70	130
2-Chlorotoluene	25.0	23.7	94.7		75	125

LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806230

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806230-BS1***

Analyte	*SPIKE ADDED*	*LCS AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*	
					LCL	*UCL*
4-Chlorotoluene	25.0	24.0	96.0		75	130
1,3,5-Trimethylbenzene	25.0	22.7	90.6		75	130
tert-Butylbenzene	25.0	23.4	93.6		70	130
1,2,4-Trimethylbenzene	25.0	22.6	90.4		75	130
sec-Butylbenzene	25.0	25.1	100		70	125
1,3-Dichlorobenzene	25.0	22.8	91.1		75	125
1,4-Dichlorobenzene	25.0	22.8	91.3		75	125
1,2-Dichlorobenzene	25.0	23.2	92.8		70	120
4-Isopropyltoluene	25.0	24.2	96.8		75	130
n-Butylbenzene	25.0	24.5	98.0		70	135
1,2-Dibromo-3-chloropropane	25.0	27.4	109		50	130
1,2,4-Trichlorobenzene	25.0	25.1	100		65	135
1,2,3-Trichlorobenzene	25.0	25.6	102		55	140
Hexachlorobutadiene	25.0	23.8	95.2		50	140
Naphthalene	25.0	26.7	107		55	140
trans-1,4-Dichloro-2-butene	25.0	26.2	105		75	125

Actual Number of Marginal Exceedences: 0

Number of Exceedences (ME) Allowed: 4

Total Number of Analytes: 70

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806230

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806230-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
Dichlorodifluoromethane	25.0	22.8	91.4		30	155	0.131
Chloromethane	25.0	26.8	107		40	125	6.32
Vinyl chloride	25.0	24.8	99.0		50	145	1.51
Bromomethane	25.0	21.5	86.0		30	145	5.20
Chloroethane	25.0	25.8	103		60	135	7.14
Trichlorofluoromethane	25.0	26.4	106		60	145	0.989
1,1-Dichloroethene	25.0	27.6	111		70	130	1.46
Acrolein	125	156	125		54	142	4.99
Acetone	125	156	125		40	140	4.47
Acrylonitrile	25.0	24.7	98.8		71	129	1.22
Carbon disulfide	25.0	22.1	88.4		35	160	0.408
Methylene Chloride	25.0	24.4	97.8		55	140	3.67
trans-1,2-Dichloroethene	25.0	25.5	102		60	140	1.82
Vinyl acetate	25.0	30.5	122	ME	72	121	4.53
Methyl tert-Butyl Ether	25.0	29.1	116		65	125	4.50
1,1-Dichloroethane	25.0	23.1	92.5		70	135	0.956
2-Butanone	125	132	106		30	150	4.24
cis-1,2-Dichloroethene	25.0	25.6	103		70	125	1.33
2,2-Dichloropropane	25.0	25.9	104		70	135	2.10
Bromochloromethane	25.0	24.8	99.1		65	130	1.79
Chloroform	25.0	24.7	99.0		65	135	0.202
1,1,1-Trichloroethane	25.0	25.4	101		65	130	2.60
1,1-Dichloropropene	25.0	25.6	102		75	130	0.352
Carbon Tetrachloride	25.0	27.2	109		65	140	2.08
1,2-Dichloroethane	25.0	27.0	108		70	130	3.27
Benzene	25.0	24.3	97.3		80	120	1.12
Trichloroethene	25.0	24.8	99.3		70	125	1.17
1,2-Dichloropropane	25.0	23.2	92.7		75	125	1.61
Dibromomethane	25.0	25.8	103		75	125	4.23
Bromodichloromethane	25.0	26.6	106		75	120	2.36
cis-1,3-Dichloropropene	25.0	26.5	106		70	130	2.71
4-Methyl-2-pentanone	125	139	111		60	135	6.48
Toluene	25.0	24.8	99.2		75	120	0.931
trans-1,3-Dichloropropene	25.0	28.4	114		55	140	3.07
1,1,2-Trichloroethane	25.0	24.6	98.6		75	125	0.979
1,3-Dichloropropane	25.0	23.9	95.4		75	125	0.504
Tetrachloroethene	25.0	20.3	81.3		45	150	4.62
2-Hexanone	125	133	106		55	130	4.95
Dibromochloromethane	25.0	26.4	106		60	135	0.836
1,2-Dibromoethane	25.0	24.2	96.7		80	120	1.12
Chlorobenzene	25.0	22.5	90.0		80	120	0.709
1,1,1,2-Tetrachloroethane	25.0	25.2	101		80	130	0.119
Ethylbenzene	25.0	22.1	88.3		75	125	1.22
m-Xylene/p-Xylene	50.0	48.7	97.4		75	130	3.72
Iodomethane	25.0	18.3	73.2		57	145	18.6
o-Xylene	25.0	21.9	87.6		80	120	2.92
Styrene	25.0	22.4	89.4		65	135	1.51
Bromoform	25.0	28.2	113		70	130	1.57
Isopropylbenzene	25.0	22.7	90.7		75	125	0.132
1,2,3-Trichloropropane	25.0	26.9	107		75	125	1.70
1,1,2,2-Tetrachloroethane	25.0	24.7	99.0		65	130	1.96
Bromobenzene	25.0	22.8	91.3		75	125	0.219
n-Propylbenzene	25.0	23.2	92.8		70	130	2.26
2-Chlorotoluene	25.0	23.3	93.1		75	125	1.70

LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806230

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Lab Sample ID: ***P806230-BSD1***

Analyte	*SPIKE ADDED*	*LCSD AMOUNT*	*%REC*	*QC FLAG*	*% REC QC. LIMITS*		*LCS/LCSD RPD*
					LCL	*UCL*	
4-Chlorotoluene	25.0	23.6	94.6		75	130	1.55
1,3,5-Trimethylbenzene	25.0	22.2	89.0		75	130	1.83
tert-Butylbenzene	25.0	22.8	91.4		70	130	2.38
1,2,4-Trimethylbenzene	25.0	22.3	89.3		75	130	1.25
sec-Butylbenzene	25.0	24.3	97.1		70	125	3.16
1,3-Dichlorobenzene	25.0	22.3	89.3		75	125	2.00
1,4-Dichlorobenzene	25.0	22.6	90.3		75	125	1.10
1,2-Dichlorobenzene	25.0	23.0	92.1		70	120	0.779
4-Isopropyltoluene	25.0	23.8	95.0		75	130	1.88
n-Butylbenzene	25.0	23.9	95.5		70	135	2.65
1,2-Dibromo-3-chloropropane	25.0	26.8	107		50	130	2.14
1,2,4-Trichlorobenzene	25.0	25.0	100		65	135	0.359
1,2,3-Trichlorobenzene	25.0	25.2	101		55	140	1.22
Hexachlorobutadiene	25.0	23.2	92.6		50	140	2.77
Naphthalene	25.0	26.8	107		55	140	0.262
trans-1,4-Dichloro-2-butene	25.0	27.0	108		75	125	3.12

Actual Number of Marginal Exceedences: 1

Number of Exceedences (ME) Allowed: 4

Total Number of Analytes: 70

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806230-MS1
% Solids:	NA	Date Collected:	06/10/08 13:05
Analytical Methdod:	8260B	Date Analyzed:	06/12/08 22:14
Preparation:	EPA 5030B	Date Received:	06/12/08 09:30
Batch:	P806230		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	22.5	ug/L		0.200	2.00	1
74-87-3	Chloromethane	27.6	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	24.0	ug/L		0.200	2.00	1
74-83-9	Bromomethane	18.9	ug/L		0.200	2.00	1
75-00-3	Chloroethane	21.1	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	25.9	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	27.6	ug/L		0.200	2.00	1
107-02-8	Acrolein	129	ug/L		1.00	10.0	1
67-64-1	Acetone	144	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	23.9	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	21.6	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	23.8	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	24.3	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	26.9	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	26.3	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	22.3	ug/L		0.200	2.00	1
78-93-3	2-Butanone	120	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	24.6	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	21.8	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	23.6	ug/L		0.200	2.00	1
67-66-3	Chloroform	24.1	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	24.6	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	25.1	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	26.3	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	25.9	ug/L		0.200	2.00	1
71-43-2	Benzene	23.7	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	24.2	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	22.3	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	24.3	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	25.0	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	24.3	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	125	ug/L		2.00	10.0	1
108-88-3	Toluene	23.9	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	26.0	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	23.2	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	23.1	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	20.0	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	121	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	24.6	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	23.1	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	21.4	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.3	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	21.5	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	47.0	ug/L		0.400	4.00	1
74-88-4	Iodomethane	11.8	ug/L	Q2	0.500	2.00	1
95-47-6	o-Xylene	21.7	ug/L		0.200	2.00	1
100-42-5	Styrene	21.6	ug/L		0.200	2.00	1
75-25-2	Bromoform	25.6	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	21.7	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	25.3	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806230-MS1
% Solids:	NA	Date Collected:	06/10/08 13:05
Analytical Methdod:	8260B	Date Analyzed:	06/12/08 22:14
Preparation:	EPA 5030B	Date Received:	06/12/08 09:30
Batch:	P806230		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane	22.3	ug/L		0.200	2.00	1
108-86-1	Bromobenzene	21.5	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	21.8	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	22.4	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	23.6	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	21.1	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	21.6	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	20.9	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	23.0	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	20.8	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	21.2	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	21.6	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	22.0	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	21.8	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	22.8	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	22.1	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	22.5	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	20.8	ug/L		0.200	2.00	1
91-20-3	Naphthalene	23.4	ug/L		0.400	2.00	1
110-57-6	trans-1,4-Dichloro-2-butene	23.8	ug/L		2.00	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806230-MSD1
% Solids:	NA	Date Collected:	06/10/08 13:05
Analytical Methdod:	8260B	Date Analyzed:	06/12/08 22:47
Preparation:	EPA 5030B	Date Received:	06/12/08 09:30
Batch:	P806230		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
75-71-8	Dichlorodifluoromethane	21.0	ug/L		0.200	2.00	1
74-87-3	Chloromethane	25.8	ug/L		0.400	2.00	1
75-01-4	Vinyl chloride	22.7	ug/L		0.200	2.00	1
74-83-9	Bromomethane	19.7	ug/L		0.200	2.00	1
75-00-3	Chloroethane	24.2	ug/L		0.200	2.00	1
75-69-4	Trichlorofluoromethane	24.4	ug/L		0.200	2.00	1
75-35-4	1,1-Dichloroethene	25.9	ug/L		0.200	2.00	1
107-02-8	Acrolein	129	ug/L		1.00	10.0	1
67-64-1	Acetone	145	ug/L		2.00	10.0	1
107-13-1	Acrylonitrile	22.7	ug/L		0.200	10.0	1
75-15-0	Carbon disulfide	20.2	ug/L		0.200	2.00	1
75-09-2	Methylene Chloride	22.6	ug/L		0.200	2.00	1
156-60-5	trans-1,2-Dichloroethene	23.2	ug/L		0.200	2.00	1
108-05-4	Vinyl acetate	26.4	ug/L		0.200	2.00	1
1634-04-4	Methyl tert-Butyl Ether	25.8	ug/L		0.200	2.00	1
75-34-3	1,1-Dichloroethane	21.6	ug/L		0.200	2.00	1
78-93-3	2-Butanone	120	ug/L		2.00	10.0	1
156-59-2	cis-1,2-Dichloroethene	23.9	ug/L		0.200	2.00	1
594-20-7	2,2-Dichloropropane	20.5	ug/L		0.200	2.00	1
74-97-5	Bromochloromethane	23.4	ug/L		0.200	2.00	1
67-66-3	Chloroform	23.3	ug/L		0.200	2.00	1
71-55-6	1,1,1-Trichloroethane	23.4	ug/L		0.200	2.00	1
563-58-6	1,1-Dichloropropene	23.4	ug/L		0.200	2.00	1
56-23-5	Carbon Tetrachloride	24.6	ug/L		0.200	2.00	1
107-06-2	1,2-Dichloroethane	25.8	ug/L		0.200	2.00	1
71-43-2	Benzene	22.7	ug/L		0.200	2.00	1
79-01-6	Trichloroethene	22.4	ug/L		0.200	2.00	1
78-87-5	1,2-Dichloropropane	21.6	ug/L		0.200	2.00	1
74-95-3	Dibromomethane	24.0	ug/L		0.200	2.00	1
75-27-4	Bromodichloromethane	24.4	ug/L		0.200	2.00	1
10061-01-5	cis-1,3-Dichloropropene	24.1	ug/L		0.200	2.00	1
108-10-1	4-Methyl-2-pentanone	128	ug/L		2.00	10.0	1
108-88-3	Toluene	22.8	ug/L		0.200	2.00	1
10061-02-6	trans-1,3-Dichloropropene	25.7	ug/L		0.200	2.00	1
79-00-5	1,1,2-Trichloroethane	23.4	ug/L		0.200	2.00	1
142-28-9	1,3-Dichloropropane	23.2	ug/L		0.200	2.00	1
127-18-4	Tetrachloroethene	18.8	ug/L		0.200	2.00	1
591-78-6	2-Hexanone	126	ug/L		2.00	10.0	1
124-48-1	Dibromochloromethane	25.6	ug/L		0.200	2.00	1
106-93-4	1,2-Dibromoethane	23.4	ug/L		0.200	2.00	1
108-90-7	Chlorobenzene	21.1	ug/L		0.200	2.00	1
630-20-6	1,1,1,2-Tetrachloroethane	24.4	ug/L		0.200	2.00	1
100-41-4	Ethylbenzene	21.1	ug/L		0.200	2.00	1
179601-23-1	m-Xylene/p-Xylene	43.9	ug/L		0.400	4.00	1
74-88-4	Iodomethane	14.4	ug/L	Q2	0.500	2.00	1
95-47-6	o-Xylene	21.4	ug/L		0.200	2.00	1
100-42-5	Styrene	21.6	ug/L		0.200	2.00	1
75-25-2	Bromoform	26.2	ug/L		0.200	2.00	1
98-82-8	Isopropylbenzene	21.3	ug/L		0.200	2.00	1
96-18-4	1,2,3-Trichloropropane	25.3	ug/L		0.400	2.00	1

ORGANIC ANALYSIS DATA SHEET

Lab Name:	Analytical Management Laboratories, Inc.	Sample ID:	Matrix Spike Dup
Client ID:	USACE Savannah	Project:	Longstreet LF, Ft Bragg, NC, DO# 109
Matrix:	Water	Project Num:	0806048
Initial/Final:	25.0 mL / 25 mL	Lab Sample ID:	P806230-MSD1
% Solids:	NA	Date Collected:	06/10/08 13:05
Analytical Methdod:	8260B	Date Analyzed:	06/12/08 22:47
Preparation:	EPA 5030B	Date Received:	06/12/08 09:30
Batch:	P806230		

CAS NO.	COMPOUND	RESULT	Units	Flag	LOD	LOQ	DIL
79-34-5	1,1,2,2-Tetrachloroethane	22.5	ug/L		0.200	2.00	1
108-86-1	Bromobenzene	21.4	ug/L		0.200	2.00	1
103-65-1	n-Propylbenzene	21.2	ug/L		0.200	2.00	1
95-49-8	2-Chlorotoluene	21.6	ug/L		0.200	2.00	1
106-43-4	4-Chlorotoluene	23.2	ug/L		0.200	2.00	1
108-67-8	1,3,5-Trimethylbenzene	20.4	ug/L		0.200	2.00	1
98-06-6	tert-Butylbenzene	21.0	ug/L		0.200	2.00	1
95-63-6	1,2,4-Trimethylbenzene	20.2	ug/L		0.200	2.00	1
135-98-8	sec-Butylbenzene	21.9	ug/L		0.200	2.00	1
541-73-1	1,3-Dichlorobenzene	20.5	ug/L		0.200	2.00	1
106-46-7	1,4-Dichlorobenzene	20.9	ug/L		0.200	2.00	1
95-50-1	1,2-Dichlorobenzene	21.3	ug/L		0.200	2.00	1
99-87-6	4-Isopropyltoluene	21.3	ug/L		0.200	2.00	1
104-51-8	n-Butylbenzene	20.9	ug/L		0.200	2.00	1
96-12-8	1,2-Dibromo-3-chloropropane	23.9	ug/L		0.400	2.00	1
120-82-1	1,2,4-Trichlorobenzene	22.4	ug/L		0.200	2.00	1
87-61-6	1,2,3-Trichlorobenzene	23.5	ug/L		0.400	2.00	1
87-68-3	Hexachlorobutadiene	20.7	ug/L		0.200	2.00	1
91-20-3	Naphthalene	25.0	ug/L		0.400	2.00	1
110-57-6	trans-1,4-Dichloro-2-butene	22.5	ug/L		2.00	2.00	1

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806230

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0806051-07*** ***Lab Sample ID for MS :*** ***P806230-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
Dichlorodifluoromethane	0	25.0	22.5	90.2		30	155
Chloromethane	0	25.0	27.6	110		40	125
Vinyl chloride	0	25.0	24.0	95.9		50	145
Bromomethane	0	25.0	18.9	75.4		30	145
Chloroethane	0	25.0	21.1	84.4		60	135
Trichlorofluoromethane	0	25.0	25.9	104		60	145
1,1-Dichloroethene	0	25.0	27.6	111		70	130
Acrolein	0	125	129	103		54	142
Acetone	0	125	144	116		40	140
Acrylonitrile	0	25.0	23.9	95.4		71	129
Carbon disulfide	0	25.0	21.6	86.6		35	160
Methylene Chloride	0	25.0	23.8	95.3		55	140
trans-1,2-Dichloroethene	0	25.0	24.3	97.3		60	140
Vinyl acetate	0	25.0	26.9	108		72	121
Methyl tert-Butyl Ether	0	25.0	26.3	105		65	125
1,1-Dichloroethane	0	25.0	22.3	89.2		70	135
2-Butanone	0	125	120	96.2		30	150
cis-1,2-Dichloroethene	0	25.0	24.6	98.4		70	125
2,2-Dichloropropane	0	25.0	21.8	87.2		70	135
Bromochloromethane	0	25.0	23.6	94.2		65	130
Chloroform	0	25.0	24.1	96.5		65	135
1,1,1-Trichloroethane	0	25.0	24.6	98.5		65	130
1,1-Dichloropropene	0	25.0	25.1	100		75	130
Carbon Tetrachloride	0	25.0	26.3	105		65	140
1,2-Dichloroethane	0	25.0	25.9	104		70	130
Benzene	0	25.0	23.7	94.7		80	120
Trichloroethene	0	25.0	24.2	96.8		70	125
1,2-Dichloropropane	0	25.0	22.3	89.3		75	125
Dibromomethane	0	25.0	24.3	97.3		75	125
Bromodichloromethane	0	25.0	25.0	100		75	120
cis-1,3-Dichloropropene	0	25.0	24.3	97.4		70	130
4-Methyl-2-pentanone	0	125	125	99.7		60	135
Toluene	0	25.0	23.9	95.8		75	120
trans-1,3-Dichloropropene	0	25.0	26.0	104		55	140
1,1,2-Trichloroethane	0	25.0	23.2	92.7		75	125
1,3-Dichloropropane	0	25.0	23.1	92.4		75	125
Tetrachloroethene	0	25.0	20.0	79.9		45	150
2-Hexanone	0	125	121	96.9		55	130
Dibromochloromethane	0	25.0	24.6	98.4		60	135
1,2-Dibromoethane	0	25.0	23.1	92.4		80	120
Chlorobenzene	0	25.0	21.4	85.5		80	120
1,1,1,2-Tetrachloroethane	0	25.0	24.3	97.3		80	130
Ethylbenzene	0	25.0	21.5	86.1		75	125
m-Xylene/p-Xylene	0	50.0	47.0	94.0		75	130
Iodomethane	0	25.0	11.8	47.2	ME	57	145
o-Xylene	0	25.0	21.7	86.8		80	120
Styrene	0	25.0	21.6	86.4		65	135
Bromoform	0	25.0	25.6	103		70	130
Isopropylbenzene	0	25.0	21.7	86.8		75	125
1,2,3-Trichloropropane	0	25.0	25.3	101		75	125
1,1,2,2-Tetrachloroethane	0	25.0	22.3	89.1		65	130
Bromobenzene	0	25.0	21.5	86.1		75	125
n-Propylbenzene	0	25.0	21.8	87.2		70	130
2-Chlorotoluene	0	25.0	22.4	89.7		75	125

Form 3 - Equivalent

MATRIX SPIKE RECOVERY

Lab Name: Analytical Management Laboratories, Inc. Batch: P806230

Fraction: VOA_GCMS Matrix: Water

Units: ug/L

Original Sample ***0806051-07*** ***Lab Sample ID for MS :*** ***P806230-MS1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MS* Amount	*%REC*	*QC FLAG*	*% REC QC. LIMITS* *LCL*	*UCL*
4-Chlorotoluene	0	25.0	23.6	94.2		75	130
1,3,5-Trimethylbenzene	0	25.0	21.1	84.3		75	130
tert-Butylbenzene	0	25.0	21.6	86.6		70	130
1,2,4-Trimethylbenzene	0	25.0	20.9	83.6		75	130
sec-Butylbenzene	0	25.0	23.0	92.0		70	125
1,3-Dichlorobenzene	0	25.0	20.8	83.1		75	125
1,4-Dichlorobenzene	0	25.0	21.2	84.6		75	125
1,2-Dichlorobenzene	0	25.0	21.6	86.2		70	120
4-Isopropyltoluene	0	25.0	22.0	87.9		75	130
n-Butylbenzene	0	25.0	21.8	87.1		70	135
1,2-Dibromo-3-chloropropane	0	25.0	22.8	91.0		50	130
1,2,4-Trichlorobenzene	0	25.0	22.1	88.5		65	135
1,2,3-Trichlorobenzene	0	25.0	22.5	89.9		55	140
Hexachlorobutadiene	0	25.0	20.8	83.3		50	140
Naphthalene	0	25.0	23.4	93.7		55	140
trans-1,4-Dichloro-2-butene	0	25.0	23.8	95.1		75	125

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806230

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Original Sample ***0806051-07*** ***Lab Sample ID for MSD*** ***P806230-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
Dichlorodifluoromethane	0	25.0	21.0	84.2		6.88		30	155	30
Chloromethane	0	25.0	25.8	103		6.74		40	125	30
Vinyl chloride	0	25.0	22.7	90.9		5.31		50	145	30
Bromomethane	0	25.0	19.7	78.8		4.36		30	145	30
Chloroethane	0	25.0	24.2	96.9		13.9		60	135	30
Trichlorofluoromethane	0	25.0	24.4	97.6		6.16		60	145	30
1,1-Dichloroethene	0	25.0	25.9	104		6.35		70	130	30
Acrolein	0	125	129	103		0.396		54	142	30
Acetone	0	125	145	116		0.525		40	140	30
Acrylonitrile	0	25.0	22.7	90.6		5.16		71	129	30
Carbon disulfide	0	25.0	20.2	81.0		6.68		35	160	30
Methylene Chloride	0	25.0	22.6	90.5		5.21		55	140	30
trans-1,2-Dichloroethene	0	25.0	23.2	92.7		4.88		60	140	30
Vinyl acetate	0	25.0	26.4	106		2.10		72	121	30
Methyl tert-Butyl Ether	0	25.0	25.8	103		1.69		65	125	30
1,1-Dichloroethane	0	25.0	21.6	86.4		3.14		70	135	30
2-Butanone	0	125	120	95.9		0.367		30	150	30
cis-1,2-Dichloroethene	0	25.0	23.9	95.5		2.93		70	125	30
2,2-Dichloropropane	0	25.0	20.5	82.2		5.91		70	135	30
Bromochloromethane	0	25.0	23.4	93.4		0.810		65	130	30
Chloroform	0	25.0	23.3	93.1		3.59		65	135	30
1,1,1-Trichloroethane	0	25.0	23.4	93.7		5.00		65	130	30
1,1-Dichloropropene	0	25.0	23.4	93.7		6.72		75	130	30
Carbon Tetrachloride	0	25.0	24.6	98.5		6.75		65	140	30
1,2-Dichloroethane	0	25.0	25.8	103		0.387		70	130	30
Benzene	0	25.0	22.7	91.0		4.05		80	120	30
Trichloroethene	0	25.0	22.4	89.6		7.81		70	125	30
1,2-Dichloropropane	0	25.0	21.6	86.4		3.28		75	125	30
Dibromomethane	0	25.0	24.0	96.2		1.20		75	125	30
Bromodichloromethane	0	25.0	24.4	97.7		2.51		75	120	30
cis-1,3-Dichloropropene	0	25.0	24.1	96.2		1.16		70	130	30
4-Methyl-2-pentanone	0	125	128	102		2.27		60	135	30
Toluene	0	25.0	22.8	91.2		4.92		75	120	30
trans-1,3-Dichloropropene	0	25.0	25.7	103		1.31		55	140	30
1,1,2-Trichloroethane	0	25.0	23.4	93.8		1.20		75	125	30
1,3-Dichloropropane	0	25.0	23.2	92.7		0.303		75	125	30
Tetrachloroethene	0	25.0	18.8	75.3		5.98		45	150	30
2-Hexanone	0	125	126	101		4.31		55	130	30
Dibromochloromethane	0	25.0	25.6	103		4.22		60	135	30
1,2-Dibromoethane	0	25.0	23.4	93.4		1.16		80	120	30
Chlorobenzene	0	25.0	21.1	84.5		1.22		80	120	30
1,1,1,2-Tetrachloroethane	0	25.0	24.4	97.7		0.369		80	130	30
Ethylbenzene	0	25.0	21.1	84.4		1.97		75	125	30
m-Xylene/p-Xylene	0	50.0	43.9	87.8		6.78		75	130	30
Iodomethane	0	25.0	14.4	57.7		20.1		57	145	30
o-Xylene	0	25.0	21.4	85.7		1.34		80	120	30
Styrene	0	25.0	21.6	86.3		0.139		65	135	30
Bromoform	0	25.0	26.2	105		2.12		70	130	30
Isopropylbenzene	0	25.0	21.3	85.2		1.81		75	125	30
1,2,3-Trichloropropane	0	25.0	25.3	101		0.0395		75	125	30
1,1,2,2-Tetrachloroethane	0	25.0	22.5	90.2		1.21		65	130	30
Bromobenzene	0	25.0	21.4	85.7		0.466		75	125	30
n-Propylbenzene	0	25.0	21.2	85.0		2.56		70	130	30
2-Chlorotoluene	0	25.0	21.6	86.3		3.86		75	125	30

Form 3 - Equivalent

MATRIX SPIKE DUPLICATE RECOVERY AND RPD

Lab Name: Analytical Management Laboratories, Inc. Batch: P806230

Fraction: VOA GCMS Matrix: Water

Units: ug/L

Original Sample ***0806051-07*** ***Lab Sample ID for MSD*** ***P806230-MSD1***

Analyte	*Original Amount*	*SPIKE ADDED*	*MSD* Amount	*%REC*	*QC FLAG*	*MS/MSD RPD*	*RPD FLAG*	*% REC QC. LIMITS*		
								LCL	*UCL*	*RPD*
4-Chlorotoluene	0	25.0	23.2	93.0		1.37		75	130	30
1,3,5-Trimethylbenzene	0	25.0	20.4	81.6		3.23		75	130	30
tert-Butylbenzene	0	25.0	21.0	84.1		2.86		70	130	30
1,2,4-Trimethylbenzene	0	25.0	20.2	80.9		3.26		75	130	30
sec-Butylbenzene	0	25.0	21.9	87.5		4.99		70	125	30
1,3-Dichlorobenzene	0	25.0	20.5	82.1		1.26		75	125	30
1,4-Dichlorobenzene	0	25.0	20.9	83.5		1.33		75	125	30
1,2-Dichlorobenzene	0	25.0	21.3	85.4		1.03		70	120	30
4-Isopropyltoluene	0	25.0	21.3	85.2		3.14		75	130	30
n-Butylbenzene	0	25.0	20.9	83.4		4.27		70	135	30
1,2-Dibromo-3-chloropropane	0	25.0	23.9	95.8		5.10		50	130	30
1,2,4-Trichlorobenzene	0	25.0	22.4	89.6		1.21		65	135	30
1,2,3-Trichlorobenzene	0	25.0	23.5	94.2		4.61		55	140	30
Hexachlorobutadiene	0	25.0	20.7	82.9		0.433		50	140	30
Naphthalene	0	25.0	25.0	99.9		6.40		55	140	30
trans-1,4-Dichloro-2-butene	0	25.0	22.5	90.2		5.35		75	125	200

Subcontracted Report

0806048

(AML Sample Delivery Group, SDG)

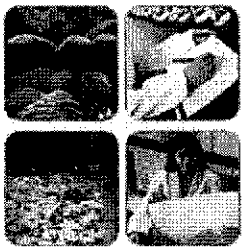
ACCUTEST-Report F58156

(Laboratory)

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

07/08/08



Technical Report for

Analytical Management Laboratories

Long Street LF; Ft Bragg, NC

DO 109

Accutest Job Number: F58156

Sampling Date: 06/11/08

Report to:

Analytical Management Laboratories
15130 South Keeler
Olathe, KS 66062

ATTN: Malania Harris

Total number of pages in report: 14

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK
This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

Sections: 1 2 3 4

Table of Contents

-1-

Section 1: Sample Summary 3
Section 2: Sample Results 4
2.1: F58156-1: SW-1-5-08 5
2.2: F58156-2: SW-2-5-08 6
2.3: F58156-3: SLMW-BLANK 7
Section 3: Misc. Forms 8
3.1: Chain of Custody 9
Section 4: GC Semi-volatiles - QC Data Summaries 11
4.1: Method Blank Summary 12
4.2: Blank Spike Summary 13
4.3: Matrix Spike/Matrix Spike Duplicate Summary 14

Sample Summary

Analytical Management Laboratories

Job No: F58156

Long Street LF; Ft Bragg, NC
Project No: DO 109

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
F58156-1	06/11/08	09:00 JC	06/12/08	AQ	Ground Water	SW-1-5-08
F58156-2	06/11/08	08:15 JC	06/12/08	AQ	Ground Water	SW-2-5-08
F58156-3	06/11/08	08:30 JC	06/12/08	AQ	Equipment Blank	SLMW-BLANK

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	SW-1-5-08		
Lab Sample ID:	F58156-1	**Date Sampled:**	06/11/08
Matrix:	AQ - Ground Water	**Date Received:**	06/12/08
Method:	SW846 8141B SW846 3510C	**Percent Solids:**	n/a
Project:	Long Street LF; Ft Bragg, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ01202.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

Organophosphorus Pesticides

CAS No.	Compound	Result	RL	MDL	Units	Q
35400-43-2	Bolstar	ND	1.9	0.48	ug/l	
2921-88-2	Chlorpyrifos	ND	1.9	0.48	ug/l	
56-72-4	Coumaphos	ND	1.9	0.48	ug/l	
8065-48-3	Demeton	ND	3.8	0.96	ug/l	
333-41-5	Diazinon	ND	1.9	0.48	ug/l	
62-73-7	Dichlorvos	ND	1.9	0.48	ug/l	
60-51-5	Dimethoate	ND	1.9	0.48	ug/l	
298-04-4	Disulfoton	ND	1.9	0.48	ug/l	
2104-64-5	EPN	ND	1.9	0.48	ug/l	
13194-48-4	Ethoprop	ND	1.9	0.48	ug/l	
56-38-2	Ethyl Parathion	ND	1.9	0.48	ug/l	
115-90-2	Fensulfothion	ND	1.9	0.48	ug/l	
55-38-9	Fenthion	ND	1.9	0.48	ug/l	
121-75-5	Malathion	ND	1.9	0.48	ug/l	
86-50-0	Methyl Azinphos	ND	1.9	0.48	ug/l	
298-00-0	Methyl Parathion	ND	1.9	0.48	ug/l	
150-50-5	Merphos	ND	4.8	1.9	ug/l	
7786-34-7	Mevinphos	ND	1.9	0.48	ug/l	
6923-22-4	Monocrotophos	ND	4.8	1.9	ug/l	
300-76-5	Naled	ND	1.9	0.96	ug/l	
298-02-2	Phorate	ND	1.9	0.48	ug/l	
3689-24-5	Sulfotep	ND	1.9	0.48	ug/l	
299-84-3	Ronnel	ND	1.9	0.48	ug/l	
22248-79-9	Stirophos	ND	1.9	0.48	ug/l	
107-49-3	TEPP	ND	4.8	1.9	ug/l	
34643-46-4	Tokuthion	ND	1.9	0.48	ug/l	
327-98-0	Trichloronate	ND	1.9	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
115-86-6	Triphenyl phosphate	80%		55-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SW-2-5-08		
Lab Sample ID:	F58156-2	**Date Sampled:**	06/11/08
Matrix:	AQ - Ground Water	**Date Received:**	06/12/08
Method:	SW846 8141B SW846 3510C	**Percent Solids:**	n/a
Project:	Long Street LF; Ft Bragg, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ01208.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

Organophosphorus Pesticides

CAS No.	Compound	Result	RL	MDL	Units	Q
35400-43-2	Bolstar	ND	1.9	0.48	ug/l	
2921-88-2	Chlorpyrifos	ND	1.9	0.48	ug/l	
56-72-4	Coumaphos	ND	1.9	0.48	ug/l	
8065-48-3	Demeton	ND	3.8	0.95	ug/l	
333-41-5	Diazinon	ND	1.9	0.48	ug/l	
62-73-7	Dichlorvos	ND	1.9	0.48	ug/l	
60-51-5	Dimethoate	ND	1.9	0.48	ug/l	
298-04-4	Disulfoton	ND	1.9	0.48	ug/l	
2104-64-5	EPN	ND	1.9	0.48	ug/l	
13194-48-4	Ethoprop	ND	1.9	0.48	ug/l	
56-38-2	Ethyl Parathion	ND	1.9	0.48	ug/l	
115-90-2	Fensulfothion	ND	1.9	0.48	ug/l	
55-38-9	Fenthion	ND	1.9	0.48	ug/l	
121-75-5	Malathion	ND	1.9	0.48	ug/l	
86-50-0	Methyl Azinphos	ND	1.9	0.48	ug/l	
298-00-0	Methyl Parathion	ND	1.9	0.48	ug/l	
150-50-5	Merphos	ND	4.8	1.9	ug/l	
7786-34-7	Mevinphos	ND	1.9	0.48	ug/l	
6923-22-4	Monocrotophos	ND	4.8	1.9	ug/l	
300-76-5	Naled	ND	1.9	0.95	ug/l	
298-02-2	Phorate	ND	1.9	0.48	ug/l	
299-84-3	Ronnel	ND	1.9	0.48	ug/l	
3689-24-5	Sulfotep	ND	1.9	0.48	ug/l	
22248-79-9	Stirophos	ND	1.9	0.48	ug/l	
107-49-3	TEPP	ND	4.8	1.9	ug/l	
34643-46-4	Tokuthion	ND	1.9	0.48	ug/l	
327-98-0	Trichloronate	ND	1.9	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
115-86-6	Triphenyl phosphate	81%		55-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SLMW-BLANK		
Lab Sample ID:	F58156-3	**Date Sampled:**	06/11/08
Matrix:	AQ - Equipment Blank	**Date Received:**	06/12/08
Method:	SW846 8141B SW846 3510C	**Percent Solids:**	n/a
Project:	Long Street LF; Ft Bragg, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ01209.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

Organophosphorus Pesticides

CAS No.	Compound	Result	RL	MDL	Units	Q
35400-43-2	Bolstar	ND	1.9	0.48	ug/l	
2921-88-2	Chlorpyrifos	ND	1.9	0.48	ug/l	
56-72-4	Coumaphos	ND	1.9	0.48	ug/l	
8065-48-3	Demeton	ND	3.8	0.96	ug/l	
333-41-5	Diazinon	ND	1.9	0.48	ug/l	
62-73-7	Dichlorvos	ND	1.9	0.48	ug/l	
60-51-5	Dimethoate	ND	1.9	0.48	ug/l	
298-04-4	Disulfoton	ND	1.9	0.48	ug/l	
2104-64-5	EPN	ND	1.9	0.48	ug/l	
13194-48-4	Ethoprop	ND	1.9	0.48	ug/l	
56-38-2	Ethyl Parathion	ND	1.9	0.48	ug/l	
115-90-2	Fensulfothion	ND	1.9	0.48	ug/l	
55-38-9	Fenthion	ND	1.9	0.48	ug/l	
121-75-5	Malathion	ND	1.9	0.48	ug/l	
86-50-0	Methyl Azinphos	ND	1.9	0.48	ug/l	
298-00-0	Methyl Parathion	ND	1.9	0.48	ug/l	
150-50-5	Merphos	ND	4.8	1.9	ug/l	
7786-34-7	Mevinphos	ND	1.9	0.48	ug/l	
6923-22-4	Monocrotophos	ND	4.8	1.9	ug/l	
300-76-5	Naled	ND	1.9	0.96	ug/l	
298-02-2	Phorate	ND	1.9	0.48	ug/l	
3689-24-5	Sulfotep	ND	1.9	0.48	ug/l	
299-84-3	Ronnel	ND	1.9	0.48	ug/l	
22248-79-9	Stirophos	ND	1.9	0.48	ug/l	
107-49-3	TEPP	ND	4.8	1.9	ug/l	
34643-46-4	Tokuthion	ND	1.9	0.48	ug/l	
327-98-0	Trichloronate	ND	1.9	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
115-86-6	Triphenyl phosphate	75%		55-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

AML
Analytical Management Laboratories, Inc.

15130 South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

8141

F58156

42717

Page ____ of ____

Chain of Custody Record / Request for Analysis

Client Contact Name: JUD SMITH
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W OGLETHORPE AVE
City, State, Zip: SAVANNAH, GA 31401
Phone #: (912) 652-5673 Ext:
Fax #: (912) 652-5311
Email:

Project Name: LONGSTREET LF FT BRAGG
Project Number:
Purchase Order Number: DO 109
Project Due Date:
Project Comments:
Print Sampler's Name: JON COOMBS

Analysis/Method to be Performed (Check all that apply)

Laboratory Project Number:

Specify method # --> 8141

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4°C ICE	VOCs	SVOCs	Pesticides	PCBs	Herbicides	Metals (specify)	DRO	GRO	Explosives	Anions (specify)	ORGANOPHOSPH					Comments:
1	SW-1-5-08	6/11/08	0900	AQ	2						2											2					
2	SW-2-5-08	6/11/08	0815	AQ	2						2											2					
3	SLMW-BLANK	6/11/08	0830	AQ	2						2											2					
4																											
5																											
6																											
7																											
8																											
9																											
10																											

Please include any information that may be useful in the analysis of the sample.
Example: high concentration
List analytes
MS/MSD

CUSTODY						
Relinquished By:	[signature]	Date/Time: 6/11/08 1630	Received By: SHIPPER	Date/Time: 6/11/08 1630
Relinquished By:	FEDEX	Date/Time: [illegible]	Received By: Felix Montenegro	Date/Time: 6-12-08 1030

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

3.0

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments
☐ Delivered in Person ☐ Courier ____ ☐ Airbill #: ____	☐ Yes ☐ No ☐ Intact ☐ Broken	☐ Ice ☐ Blue Ice ☐ None	____ °C ☐ Temp. Blank ☐ Cooler	

F58156: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F58156 CLIENT: AML PROJECT: Longstreet LF

DATE/TIME RECEIVED: 06-12-08 1030 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 3.0

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 8425 9921 1147

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET
- [x] WET ICE RECEIVED IN COOLER

TRIP BLANK INFORMATION

- [ ] TRIP BLANK PROVIDED
- [x] TRIP BLANK NOT PROVIDED
- [x] TRIP BLANK NOT ON COC
- [ ] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DOES NOT MATCH LABEL(S)
- [ ] ID'S ON COC DOES NOT MATCH LABEL(S)
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

MISC. INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

NUMBER OF LAB FILTERED METALS ? Ø

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE F.M. 06-12-08 TECHNICIAN SIGNATURE/DATE JC 6-12-08 ASBD 12/17/07

F58156: Chain of Custody
Page 2 of 2

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F58156
Account: AMLKSO Analytical Management Laboratories
Project: Long Street LF; Ft Bragg, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25385-MB	ZZ01194.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71

4.1

4

The QC reported here applies to the following samples: **Method:** SW846 8141B

F58156-1, F58156-2, F58156-3

CAS No.	Compound	Result	RL	MDL	Units	Q
35400-43-2	Bolstar	ND	2.0	0.50	ug/l	
2921-88-2	Chlorpyrifos	ND	2.0	0.50	ug/l	
56-72-4	Coumaphos	ND	2.0	0.50	ug/l	
8065-48-3	Demeton	ND	4.0	1.0	ug/l	
333-41-5	Diazinon	ND	2.0	0.50	ug/l	
62-73-7	Dichlorvos	ND	2.0	0.50	ug/l	
60-51-5	Dimethoate	ND	2.0	0.50	ug/l	
298-04-4	Disulfoton	ND	2.0	0.50	ug/l	
2104-64-5	EPN	ND	2.0	0.50	ug/l	
13194-48-4	Ethoprop	ND	2.0	0.50	ug/l	
56-38-2	Ethyl Parathion	ND	2.0	0.50	ug/l	
115-90-2	Fensulfothion	ND	2.0	0.50	ug/l	
55-38-9	Fenthion	ND	2.0	0.50	ug/l	
121-75-5	Malathion	ND	2.0	0.50	ug/l	
86-50-0	Methyl Azinphos	ND	2.0	0.50	ug/l	
298-00-0	Methyl Parathion	ND	2.0	0.50	ug/l	
150-50-5	Merphos	ND	5.0	2.0	ug/l	
7786-34-7	Mevinphos	ND	2.0	0.50	ug/l	
6923-22-4	Monocrotophos	ND	5.0	2.0	ug/l	
300-76-5	Naled	ND	2.0	1.0	ug/l	
298-02-2	Phorate	ND	2.0	0.50	ug/l	
3689-24-5	Sulfotep	ND	2.0	0.50	ug/l	
299-84-3	Ronnel	ND	2.0	0.50	ug/l	
22248-79-9	Stirophos	ND	2.0	0.50	ug/l	
107-49-3	TEPP	ND	5.0	2.0	ug/l	
34643-46-4	Tokuthion	ND	2.0	0.50	ug/l	
327-98-0	Trichloronate	ND	2.0	0.50	ug/l	

CAS No.	Surrogate Recoveries		Limits
115-86-6	Triphenyl phosphate	74%	55-128%

Blank Spike Summary

Job Number: F58156
Account: AMLKSO Analytical Management Laboratories
Project: Long Street LF; Ft Bragg, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25385-BS	ZZ01193.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71

The QC reported here applies to the following samples: **Method:** SW846 8141B

F58156-1, F58156-2, F58156-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
35400-43-2	Bolstar	5	4.3	86	58-119
2921-88-2	Chlorpyrifos	5	4.4	88	56-117
56-72-4	Coumaphos	5	4.4	88	56-129
8065-48-3	Demeton	10	7.7	77	54-114
333-41-5	Diazinon	5	4.8	96	57-122
62-73-7	Dichlorvos	5	3.7	74	58-111
298-04-4	Disulfoton	5	4.3	86	62-117
13194-48-4	Ethoprop	5	4.3	86	55-118
115-90-2	Fensulfothion	5	3.1	62	51-135
55-38-9	Fenthion	5	3.8	76	60-119
86-50-0	Methyl Azinphos	5	4.5	90	60-131
298-00-0	Methyl Parathion	5	4.9	98	62-125
150-50-5	Merphos	5	1.7	34 [a]	15-131
7786-34-7	Mevinphos	5	3.5	70	46-129
300-76-5	Naled	5	4.3	86	10-135
298-02-2	Phorate	5	4.2	84	61-118
299-84-3	Ronnel	5	4.5	90	58-116
22248-79-9	Stirophos	5	4.7	94	65-120
34643-46-4	Tokuthion	5	4.6	92	58-119
327-98-0	Trichloronate	5	5.2	104	58-134

CAS No.	Surrogate Recoveries	BSP	Limits
115-86-6	Triphenyl phosphate	90%	55-128%

(a) Calculated as Merphos Oxone.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F58156
Account: AMLKSO Analytical Management Laboratories
Project: Long Street LF; Ft Bragg, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25385-MS	ZZ01206.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71
OP25385-MSD	ZZ01207.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71
F58107-2	ZZ01199.D	1	06/16/08	KL	06/13/08	OP25385	GZZ71

The QC reported here applies to the following samples: **Method:** SW846 8141B

F58156-1, F58156-2, F58156-3

CAS No.	Compound	F58107-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
35400-43-2	Bolstar	ND		9.62	7.6	79	7.9	82	4	58-119/10
2921-88-2	Chlorpyrifos	ND		9.62	7.7	80	8.0	83	4	56-117/16
56-72-4	Coumaphos	ND		9.62	8.2	85	8.3	86	1	56-129/11
8065-48-3	Demeton	ND		19.2	14.2	74	14.6	76	3	54-114/17
333-41-5	Diazinon	ND		9.62	8.4	87	8.8	92	5	57-122/15
62-73-7	Dichlorvos	ND		9.62	6.4	67	6.9	72	8	58-111/17
298-04-4	Disulfoton	ND		9.62	7.9	82	8.1	84	2	62-117/20
13194-48-4	Ethoprop	ND		9.62	7.8	81	8.2	85	5	55-118/15
115-90-2	Fensulfothion	ND		9.62	6.8	71	6.0	62	13	51-135/30
55-38-9	Fenthion	ND		9.62	6.7	70	6.9	72	3	60-119/13
86-50-0	Methyl Azinphos	ND		9.62	8.2	85	8.2	85	0	60-131/16
298-00-0	Methyl Parathion	ND		9.62	8.1	84	8.0	83	1	62-125/16
150-50-5	Merphos	ND		9.62	3.3	33	3.3	33	0	15-131/21
7786-34-7	Mevinphos	ND		9.62	7.0	73	6.6	69	6	46-129/23
300-76-5	Naled	ND		9.62	7.4	77	7.4	77	0	10-135/22
298-02-2	Phorate	ND		9.62	7.6	79	7.9	82	4	61-118/17
299-84-3	Ronnel	ND		9.62	8.3	86	8.6	89	4	58-116/14
22248-79-9	Stirophos	ND		9.62	8.1	84	8.3	86	2	65-120/13
34643-46-4	Tokuthion	ND		9.62	8.2	85	8.4	87	2	58-119/11
327-98-0	Trichloronate	ND		9.62	8.5	88	8.6	89	1	58-134/16

CAS No.	Surrogate Recoveries	MS	MSD	F58107-2	Limits
115-86-6	Triphenyl phosphate	82%	83%	74%	55-128%