Accredited Laboratories, Inc.
Foot of Pershing Avenue, P.O. Box 369
Carteret, New Jersey 07008-0369
Telephone (908) 541-2025

ANALYTICAL DATA REPORT

for

Guardian Environmental Service
1280 Porter Road
Bear, DE 19701

Project: Custom Distribution

ACCREDITED LABORATORIES CASE No.: 2399
DATE RECEIVED: 2/11/93

Field ID	Laboratory Sample #
BH-1	9301129
BH-2	9301130

Accredited Laboratories, Inc. New Jersey Certification Number 12486. This data has been reviewed and accepted by:

Yun-shen Lee, Ph.D.
Technical Director 3/2/93

YSL:jp

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NON-CONFORMANCE SUMMARY

Accredited Labs received 2 solid samples (Project: Custom Distribution; ALI Case #2399) from Guardian Environmental Service on 2/11/93 for the analyses of Total Metals and TCLP Metals.

All analyses were performed within the required holding time.

All Total Metals were reported on a dry weight basis.

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STATE OF NEW JERSEY

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Let's protect our earth!

Certifies That

Accredited Laboratories Inc.
Industrial Hygiene & Env. Lab
400 Middlesex Avenue
Carteret, NJ 07008

having duly met the requirements of the

Regulations Governing Laboratory Certification
And Standards Of Performance N.J.A.C. 7:18 et. seq.

is hereby approved as a

State Certified Water Laboratory

To perform the analyses as indicated on the Annual Certified Parameter List which must accompany this certificate to be valid

12486
PERMANENT CERTIFICATION NUMBER

March 11, 1987
DATE

COMMISSIONER
DEPARTMENT OF ENVIRONMENTAL PROTECTION

This certification is subject to unannounced laboratory inspections as specified by N.J.A.C. 7:18-2.11(d) and agreed to by the Laboratory Manager on filing the application

TO BE CONSPICUOUSLY DISPLAYED AT THE LABORATORY WITH THE ANNUAL CERTIFIED PARAMETER LIST

ACCREDITED LABORATORIES INC.

INORGANIC ANALYSIS DATA SHEET

FIELD ID.

BH-1

Client : GES
Case No.: 2399
Matrix (soil/water): SOIL

Lab Sample ID: 9301129
Date Received: 02/11/93

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	M
7429-90-5	Aluminum			NR
7440-36-0	Antimony			NR
7440-38-2	Arsenic	233		P
7440-39-3	Barium	40.3		P
7440-41-7	Beryllium			NR
7440-43-9	Cadmium	5.7		P
7440-70-2	Calcium			NR
7440-47-3	Chromium	15.3		P
7440-48-4	Cobalt			NR
7440-50-8	Copper			NR
7439-89-6	Iron			NR
7439-92-1	Lead	11900		P
7439-95-4	Magnesium			NR
7439-96-5	Manganese			NR
7439-97-6	Mercury	733		CV
7440-02-0	Nickel			NR
7440-09-7	Potassium			NR
7782-49-2	Selenium	0.30	U	F
7440-22-4	Silver	14.4		P
7440-23-5	Sodium			NR
7440-28-0	Thallium			NR
7440-62-2	Vanadium			NR
7440-66-6	Zinc			NR
	Molybdenu			NR

Comments:
MATRIX: SOLID

Qualifiers:

B -- greater than the IDL but less than the MDL
U -- less than the IDL
P -- analyzed by ICP
CV -- analyzed by cold vapor
F -- analyzed by GFA
A -- analyzed by flame AA
NR -- analysis not requested

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ACCREDITED LABORATORIES INC.

REGULATED TCLP METALS

FIELD ID.

BH-1

Client : GES

Case No.: 2399

Matrix (soil/extract): EXTRACT

Lab Sample ID: 9301129

Date Received: 02/11/93

Concentration Units (mg/L): MG/L

CAS No.	Analyte	Concentration	C	M	Regulatory Level
7440-38-2	Arsenic	0.42	B	P	5.00
7440-39-3	Barium	0.07	B	P	100.00
7440-43-9	Cadmium	0.02	B	P	1.00
7440-47-3	Chromium	0.01	U	P	5.00
7439-92-1	Lead	3.0		P	5.00
7439-97-6	Mercury	0.00		CV	0.20
7782-49-2	Selenium	0.07		P	1.00
7440-22-4	Silver	0.01	U	P	5.00

Comments:

Qualifiers:

B -- greater than the IDL but less than the MDL
U -- less than the IDL
P -- analyzed by ICP
CV -- analyzed by cold vapor
F -- analyzed by GFA
A -- analyzed by flame AA
NR -- analysis not requested

ACCREDITED LABORATORIES INC.

INORGANIC ANALYSIS DATA SHEET

FIELD ID.

BH-2

Client : GES
Case No.: 2399
Matrix (soil/water): SOIL

Lab Sample ID: 9301130
Date Received: 02/11/93

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	M
7429-90-5	Aluminum			NR
7440-36-0	Antimony			NR
7440-38-2	Arsenic	182		P
7440-39-3	Barium	33.8		P
7440-41-7	Beryllium			NR
7440-43-9	Cadmium	33.1		P
7440-70-2	Calcium			NR
7440-47-3	Chromium	11.7		P
7440-48-4	Cobalt			NR
7440-50-8	Copper			NR
7439-89-6	Iron			NR
7439-92-1	Lead	11900		P
7439-95-4	Magnesium			NR
7439-96-5	Manganese			NR
7439-97-6	Mercury	350		CV
7440-02-0	Nickel			NR
7440-09-7	Potassium			NR
7782-49-2	Selenium	0.30	U	F
7440-22-4	Silver	16.8		P
7440-23-5	Sodium			NR
7440-28-0	Thallium			NR
7440-62-2	Vanadium			NR
7440-66-6	Zinc			NR
	Molybdenu			NR

Comments:
MATRIX: SOLID

Qualifiers:
B -- greater than the IDL but less than the MDL
U -- less than the IDL
P -- analyzed by ICP
CV -- analyzed by cold vapor
F -- analyzed by GFA
A -- analyzed by flame AA
NR -- analysis not requested

ACCREDITED LABORATORIES INC.

REGULATED TCLP METALS

FIELD ID.

BH-2

Client : GES

Case No.: 2399

Matrix (soil/extract): EXTRACT

Lab Sample ID: 9301130

Date Received: 02/11/93

Concentration Units (mg/L): MG/L

CAS No.	Analyte	Concentration	C	M	Regulatory Level
7440-38-2	Arsenic	0.18	B	P	5.00
7440-39-3	Barium	0.06	B	P	100.00
7440-43-9	Cadmium	0.05		P	1.00
7440-47-3	Chromium	0.02	B	P	5.00
7439-92-1	Lead	1.4		P	5.00
7439-97-6	Mercury	0.00		CV	0.20
7782-49-2	Selenium	0.06	U	P	1.00
7440-22-4	Silver	0.01	U	P	5.00

Comments:

Qualifiers:

B -- greater than the IDL but less than the MDL
U -- less than the IDL
P -- analyzed by ICP
CV -- analyzed by cold vapor
F -- analyzed by GFA
A -- analyzed by flame AA
NR -- analysis not requested

METHODOLOGY SUMMARY

Metals (soil)

A 1-5 gram portion of soil is digested with nitric acid and hydrogen peroxide. The digestate is then refluxed with either nitric acid or hydrochloric acid. Diluted hydrochloric acid is used as the final reflux acid for the flame AA or ICAP of Ag, Al, Ba, Be, Cd, Cr, Co, Cu, Fe, Pb, Ni, Sb, Sn, Tl and Zn. Diluted nitric acid is employed as the final dilution acid for the furnace AA analysis of As, Pb and Se. For the graphite furnace analysis, an aliquot of the digestate is spiked with nickel nitrate solution and is placed into the graphite furnace. The aliquot is then slowly evaporated to dryness, charred and atomized. The absorption of the EDL radiation during atomization is proportional to the element concentration. For the flame AA, the digestate is aspirated and atomized in a flame. The absorption of the HCL radiation during atomization is proportional to the element concentration. The basis of ICAP method is the measurement of atomic emission by an optical spectroscope technique. The emission spectra are dispersed by a grating spectrometer and the intensities of the line are measured and processed by a computer system. For mercury analysis, a 0.5-1.0 gram portion of sample is digested with potassium permanganate and persulfate at acidic condition in a water bath at 95°C. The mercury in the sample is reduced to the elemental state and detected by the cold vapor technique in a closed system. The analytical procedures are derived from "EPA Methods for Evaluating Solid Waste, 3rd Edition, 1986" The AA technique is specified in Method 7000 series. The ICAP technique is specified in Method 6010.

Toxic Characteristic Leaching Procedure - TCLP (EPA Method 1311)

Before the leaching procedure can be initiated, the information regarding the wet % and dry % solid of the solid sample as well as the utilization of extraction fluid, either #1 or #2, must be determined.

For the Metal Analysis, a minimum of 100 grams is filtered through 0.6 to 0.8 um glass fiber filter. The filtrate, if any, is saved. A 20X of extracted fluid, either #1 or #2, is charged in the glass or plastic extraction bottle and then rotated at 30 +/- 2 rpm for 18 +/- 2 hours. After rotation, the sample is filtered through 0.6 to 0.8 um glass fiber filter. The filtrate is combined with the initial liquid, if any. This is referred as TCLP Leachate. The contaminants of Metals in the leachate is determined by EPA Method 7471 for mercury, Method 7060 for arsenic, Method 7740 for selenium and Method 6010 (ICAP) and/or Method 7000's (Flame-AA) for the rest of metals.

ACCREDITED LABORATORIES INC.

INITIAL AND CONTINUING CALIBRATION VERIFICATION

ALI QC #: 930217B__

Initial Calibration Source: PE484/LEEMAN

Continuing Calibration Source: ALI_____

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum	10000.0	9760.00	97.6	5000.0	4740.00	94.8	4690.00	93.8	P
Antimony	10000.0	10500.00	105.0	5000.0	4950.00	99.0	4900.00	98.0	P
Arsenic	10000.0	10400.00	104.0	5000.0	4860.00	97.2	4970.00	99.4	P
Barium	10000.0	10100.00	101.0	5000.0	4960.00	99.2	4920.00	98.4	P
Beryllium	10000.0	9860.00	98.6	5000.0	4890.00	97.8	4860.00	97.2	P
Cadmium	10000.0	10100.00	101.0	5000.0	4910.00	98.2	4860.00	97.2	P
Calcium	10000.0	9690.00	96.9	5000.0	4690.00	93.8	4650.00	93.0	P
Chromium	10000.0	10200.00	102.0	5000.0	4810.00	96.2	4800.00	96.0	P
Cobalt	10000.0	10400.00	104.0	5000.0	4920.00	98.4	4910.00	98.2	P
Copper	10000.0	9880.00	98.8	5000.0	4920.00	98.4	4890.00	97.8	P
Iron	10000.0	9710.00	97.1	5000.0	4790.00	95.8	4680.00	93.6	P
Lead	10000.0	10100.00	101.0	5000.0	4860.00	97.2	4860.00	97.2	P
Magnesium	10000.0	9510.00	95.1	5000.0	4640.00	92.8	4540.00	90.8	P
Manganese	10000.0	9980.00	99.8	5000.0	4890.00	97.8	4840.00	96.8	P
Mercury	2.0	1.96	98.0	2.0	2.01	100.5	1.98	99.0	CV
Nickel	10000.0	10200.00	102.0	5000.0	4820.00	96.4	4800.00	96.0	P
Potassium	10000.0	10600.00	106.0	5000.0	5300.00	106.0	5430.00	108.6	P
Selenium	10000.0	9920.00	99.2	5000.0	4800.00	96.0	5020.00	100.4	P
Silver	1000.0	993.00	99.3	500.0	491.00	98.2	488.00	97.6	P
Sodium	10000.0	9900.00	99.0	5000.0	4930.00	98.6	4960.00	99.2	P
Thallium	10000.0	10100.00	101.0	5000.0	4920.00	98.4	4910.00	98.2	P
Vanadium	10000.0	9460.00	94.6	5000.0	4640.00	92.8	4610.00	92.2	P
Zinc	10000.0	10000.00	100.0	5000.0	4870.00	97.4	4830.00	96.6	P
Molybdenu									NR

Control Limits: Mercury 80-120; ICP Metals 90-110; GFA 80-120; CN 85-115;

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ACCREDITED LABORATORIES INC.

INITIAL AND CONTINUING CALIBRATION VERIFICATION

ALI QC #: 930217B__

Initial Calibration Source: PE484/LEEMAN

Continuing Calibration Source: ALI_____

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum				5000.0	4620.00	92.4	4630.00	92.6	P
Antimony				5000.0	4880.00	97.6	4900.00	98.0	P
Arsenic				5000.0	4930.00	98.6	4940.00	98.8	P
Barium				5000.0	4870.00	97.4	4860.00	97.2	P
Beryllium				5000.0	4840.00	96.8	4820.00	96.4	P
Cadmium				5000.0	4860.00	97.2	4830.00	96.6	P
Calcium				5000.0	4640.00	92.8	4620.00	92.4	P
Chromium				5000.0	4780.00	95.6	4750.00	95.0	P
Cobalt				5000.0	4830.00	96.6	4850.00	97.0	P
Copper				5000.0	4860.00	97.2	4840.00	96.8	P
Iron				5000.0	4650.00	93.0	4640.00	92.8	P
Lead				5000.0	4950.00	99.0	4790.00	95.8	P
Magnesium				5000.0	4540.00	90.8	4540.00	90.8	P
Manganese				5000.0	4820.00	96.4	4800.00	96.0	P
Mercury				2.0	1.89	94.5			CV
Nickel				5000.0	4780.00	95.6	4760.00	95.2	P
Potassium				5000.0	5820.00	116.4	5240.00	104.8	P
Selenium				5000.0	4870.00	97.4	4770.00	95.4	P
Silver				500.0	485.00	97.0	483.00	96.6	P
Sodium				5000.0	4920.00	98.4	4940.00	98.8	P
Thallium				5000.0	4870.00	97.4	4920.00	98.4	P
Vanadium				5000.0	4590.00	91.8	4560.00	91.2	P
Zinc				5000.0	4830.00	96.6	4830.00	96.6	P
Molybdenu									NR

Control Limits: Mercury 80-120; ICP Metals 90-110; GFA 80-120; CN 85-115;

FORM II (PART 1) - IN

ACCREDITED LABORATORIES INC.

INITIAL AND CONTINUING CALIBRATION VERIFICATION

ALI QC #: 930217B__

Initial Calibration Source: PE484/LEEMAN

Continuing Calibration Source: ALI_____

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum									NR
Antimony									NR
Arsenic				5000.0	4960.00	99.2			P
Barium	10000.0	10500.00	105.0	5000.0	4680.00	93.6	4720.00	94.4	P
Beryllium									NR
Cadmium	10000.0	9930.00	99.3	5000.0	4540.00	90.8	4630.00	92.6	P
Calcium									NR
Chromium	10000.0	10200.00	102.0	5000.0	4620.00	92.4	4610.00	92.2	P
Cobalt									NR
Copper									NR
Iron									NR
Lead	10000.0	9970.00	99.7	5000.0	4520.00	90.4	4710.00	94.2	P
Magnesium									NR
Manganese									NR
Mercury	2.0	1.97	98.5	2.0	2.02	101.0	1.92	96.0	CV
Nickel									NR
Potassium									NR
Selenium				5000.0	4900.00	98.0			P
Silver	1000.0	1030.00	103.0	500.0	468.00	93.6	476.00	95.2	P
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Molybdenu									NR

Control Limits: Mercury 80-120; ICP Metals 90-110; GFA 80-120; CN 85-115;

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ACCREDITED LABORATORIES INC.

INITIAL AND CONTINUING CALIBRATION VERIFICATION

ALI QC #: 930217B__

Initial Calibration Source: PE484/LEEMAN

Continuing Calibration Source: ALI_____

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum									NR
Antimony									NR
Arsenic	10000.0	10300.00	103.0	5000.0	4630.00	92.6	4610.00	92.2	P
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury				2.0	2.09	104.5			CV
Nickel									NR
Potassium									NR
Selenium	10000.0	10200.00	102.0	5000.0	4820.00	96.4	4830.00	96.6	P
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Molybdenu									NR

Control Limits: Mercury 80-120; ICP Metals 90-110; GFA 80-120; CN 85-115;

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ACCREDITED LABORATORIES INC.

INITIAL AND CONTINUING CALIBRATION VERIFICATION

ALI QC #: 930217B__

Initial Calibration Source: PE484/LEEMAN

Continuing Calibration Source: ALI_____

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum									NR
Antimony									NR
Arsenic	100.0	114.00	114.0	100.0	109.00	109.0	120.00	120.0	F
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury									NR
Nickel									NR
Potassium									NR
Selenium	100.0	100.00	100.0	100.0	91.00	91.0	94.00	94.0	F
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Molybdenu									NR

Control Limits: Mercury 80-120; ICP Metals 90-110; GFA 80-120; CN 85-115;

FORM II (PART 1) - IN

ACCREDITED LABORATORIES INC.

INITIAL AND CONTINUING CALIBRATION VERIFICATION

ALI QC #: 930217B__

Initial Calibration Source: PE484/LEEMAN

Continuing Calibration Source: ALI_____

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum									NR
Antimony									NR
Arsenic				100.0	116.00	116.0	109.00	109.0	F
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury									NR
Nickel									NR
Potassium									NR
Selenium				100.0	84.00	84.0			F
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Molybdenu									NR

Control Limits: Mercury 80-120; ICP Metals 90-110; GFA 80-120; CN 85-115;

FORM II (PART 1) - IN

ACCREDITED LABORATORIES INC.

INITIAL AND CONTINUING CALIBRATION VERIFICATION

ALI QC #: 930217B__

Initial Calibration Source: PE484/LEEMAN

Continuing Calibration Source: ALI_____

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury									NR
Nickel									NR
Potassium									NR
Selenium	100.0	101.00	101.0	100.0	101.00	101.0	98.00	98.0	F
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Molybdenu									NR

Control Limits: Mercury 80-120; ICP Metals 90-110; GFA 80-120; CN 85-115;

FORM II (PART 1) - IN

ACCREDITED LABORATORIES INC.

REGULATED TCLP METALS
INITIAL AND CONTINUING CALIBRATION VERIFICATION

ALI QC #: 930218T

Initial Calibration Source: PE484/LEEMAN

Continuing Calibration Source: ALI

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Arsenic	10000.0	9980.00	99.8	5000.0	4650.00	93.0	4550.00	91.0	P
Barium	10000.0	9600.00	96.0	5000.0	4670.00	93.4	4560.00	91.2	P
Cadmium	10000.0	9500.00	95.0	5000.0	4680.00	93.6	4710.00	94.2	P
Chromium	10000.0	10100.00	101.0	5000.0	4940.00	98.8	4910.00	98.2	P
Lead	10000.0	9420.00	94.2	5000.0	4880.00	97.6	4950.00	99.0	P
Mercury	2.0	2.12	106.0	2.0	2.07	103.5	1.99	99.5	CV
Selenium	10000.0	9560.00	95.6	5000.0	4700.00	94.0	4570.00	91.4	P
Silver	1000.0	933.00	93.3	500.0	477.00	95.4	472.00	94.4	P

Control Limits: Mercury 80-120; ICP Metals 90-110; GFA 80-120; CN 85-115

ACCREDITED LABORATORIES INC.

REGULATED TCLP METALS
INITIAL AND CONTINUING CALIBRATION VERIFICATION

ALI QC #: 930218T

Initial Calibration Source: PE484/LEEMAN

Continuing Calibration Source: ALI_____

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Arsenic				5000.0	4870.00	97.4	5150.00	103.0	P
Barium				5000.0	4860.00	97.2	5010.00	100.2	P
Cadmium				5000.0	4870.00	97.4	5090.00	101.8	P
Chromium				5000.0	5000.00	100.0	5330.00	106.6	P
Lead				5000.0	4960.00	99.2	5190.00	103.8	P
Mercury				2.0	1.90	95.0	1.62	81.0	CV
Selenium				5000.0	4840.00	96.8	5050.00	101.0	P
Silver				500.0	494.00	98.8	509.00	101.8	P

Control Limits: Mercury 80-120; ICP Metals 90-110; GFA 80-120; CN 85-115

ACCREDITED LABORATORIES INC.

REGULATED TCLP METALS
INITIAL AND CONTINUING CALIBRATION VERIFICATION

ALI QC #: 930218T

Initial Calibration Source: PE484/LEEMAN

Continuing Calibration Source: ALI

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Arsenic				5000.0	4960.00	99.2			P
Barium				5000.0	4770.00	95.4			P
Cadmium				5000.0	5030.00	100.6			P
Chromium				5000.0	5100.00	102.0			P
Lead				5000.0	5120.00	102.4			P
Mercury				2.0	1.65	82.5			CV
Selenium				5000.0	4890.00	97.8			P
Silver				500.0	493.00	98.6			P

Control Limits: Mercury 80-120; ICP Metals 90-110; GFA 80-120; CN 85-115

ACCREDITED LABORATORIES INC.

BLANKS

ALI QC #: 930217B

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum	39.0	U	39.0	U	39.0	U	39.0	U	3.900	U	P
Antimony	40.0	U	40.0	U	-63.0	B	-48.8	B	4.000	U	P
Arsenic	49.0	U	49.0	U	49.0	U	49.0	U	4.900	U	P
Barium	7.0	U	7.0	U	7.0	U	7.0	U	0.700	U	P
Beryllium	1.0	U	1.0	U	1.0	U	1.0	U	0.100	U	P
Cadmium	4.0	U	4.0	U	4.0	U	4.0	U	-0.460	B	P
Calcium	60.0	U	60.0	U	60.0	U	60.0	U	6.000	U	P
Chromium	10.0	U	10.0	U	10.0	U	-11.3	B	1.000	U	P
Cobalt	18.0	U	18.0	U	18.0	U	18.0	U	1.800	U	P
Copper	7.0	U	7.0	U	-7.4	B	7.0	U	0.700	U	P
Iron	35.0	U	35.0	U	35.0	U	35.0	U	3.500	U	P
Lead	-108.0	B	-109.0	B	88.0	U	88.0	U	8.800	U	P
Magnesium	72.0	U	72.0	U	72.0	U	72.0	U	7.200	U	P
Manganese	1.0	U	1.0	U	-1.2	B	1.0	U	0.100	U	P
Mercury	0.2	U	0.2	U	0.2	U	0.2	U	0.045	U	CV
Nickel	17.0	U	24.7	B	17.0	U	17.0	U	1.700	U	P
Potassium	917.0	U	917.0	U	917.0	U	917.0	U	91.700	U	P
Selenium	59.0	U	104.0		59.0	U	59.0	U	5.900	U	P
Silver	7.0	U	7.0	U	7.0	U	7.0	U	0.936	B	P
Sodium	179.0	U	179.0	U	179.0	U	179.0	U	17.900	U	P
Thallium	165.0	U	165.0	U	165.0	U	165.0	U	16.500	U	P
Vanadium	4.0	U	4.0	U	4.0	U	4.0	U	0.400	U	P
Zinc	-8.1	B	-7.1	B	-6.8	B	-6.2	B	1.410	B	P
Molybdenu											NR

FORM III - IN

ACCREDITED LABORATORIES INC.

BLANKS

ALI QC #: 930217B

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Antimony			40.0	U							P
Arsenic			49.0	U	-72.4						P
Beryllium			1.0	U							P
Cadmium			4.0	U							P
Chromium			10.0	U							P
Copper			7.0	U							P
Lead			88.0	U							P
Mercury	0.2	U	0.2	U	0.2	U	0.2	U	0.045	U	CV
Nickel			17.0	U							P
Selenium			-64.1		59.0	U					P
Silver			7.0	U							P
Thallium			165.0	U							P
Zinc			5.0	U							P

FORM III - IN

ACCREDITED LABORATORIES INC.

BLANKS

ALI QC #: 930217B__

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L_

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum			39.0	U							P
Antimony			40.0	U							P
Arsenic			49.0	U	-72.4						P
Barium			7.0	U							P
Beryllium			1.0	U							P
Cadmium			4.0	U							P
Calcium			60.0	U							P
Chromium			10.0	U							P
Cobalt			18.0	U							P
Copper			7.0	U							P
Iron			35.0	U							P
Lead			88.0	U							P
Magnesium			72.0	U							P
Manganese			-1.0	B							P
Mercury	0.2	U	0.2	U	0.2	U	0.2	U	0.227	U	CV
Nickel			17.0	U							P
Potassium			917.0	U							P
Selenium			-64.1		59.0	U					P
Silver			7.0	U							P
Sodium			179.0	U							P
Thallium			165.0	U							P
Vanadium			4.0	U							P
Zinc			5.0	U							P
Molybdenu											NR

FORM III - IN

ACCREDITED LABORATORIES INC.

BLANKS

ALI QC #: 930217B__

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum											NR
Antimony											NR
Arsenic	49.0	U	49.0	U	49.0	U					P
Barium	7.0	U	7.0	U	7.0	U					P
Beryllium											NR
Cadmium	4.0	U	4.0	U	4.0	U					P
Calcium											NR
Chromium	10.0	U	10.0	U	10.0	U					P
Cobalt											NR
Copper											NR
Iron											NR
Lead	88.0	U	-95.7	B	88.0	U					P
Magnesium											NR
Manganese											NR
Mercury											NR
Nickel											NR
Potassium											NR
Selenium	59.0	U	59.0	U	59.0	U					P
Silver	7.0	U	7.0	U	7.0	U					P
Sodium											NR
Thallium											NR
Vanadium											NR
Zinc											NR
Molybdenu											NR

FORM III - IN

ACCREDITED LABORATORIES INC.

BLANKS

ALI QC #: 930217B__

Preparation Blank Matrix (soil/water): SOIL_

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum											NR
Antimony											NR
Arsenic	-2.0	B	-5.0	B	2.0	U	-3.0	B	-0.200	B	F
Barium											NR
Beryllium											NR
Cadmium											NR
Calcium											NR
Chromium											NR
Cobalt											NR
Copper											NR
Iron											NR
Lead											NR
Magnesium											NR
Manganese											NR
Mercury											NR
Nickel											NR
Potassium											NR
Selenium	3.0	U	3.0	U	3.0	U	3.0	U	0.300	U	F
Silver											NR
Sodium											NR
Thallium											NR
Vanadium											NR
Zinc											NR
Molybdenu											NR

FORM III - IN

ACCREDITED LABORATORIES INC.

BLANKS

ALI QC #: 930217B__

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum											NR
Antimony											NR
Arsenic			-3.0	B							F
Barium											NR
Beryllium											NR
Cadmium											NR
Calcium											NR
Chromium											NR
Cobalt											NR
Copper											NR
Iron											NR
Lead											NR
Magnesium											NR
Manganese											NR
Mercury											NR
Nickel											NR
Potassium											NR
Selenium	3.0	U	3.0	U	3.0	U					F
Silver											NR
Sodium											NR
Thallium											NR
Vanadium											NR
Zinc											NR
Molybdenu											NR

FORM III - IN

ACCREDITED LABORATORIES INC.

REGULATED TCLP METALS
BLANKS

ALI QC #: 930218T

Preparation Blank Matrix (soil/extract): EXTRACT

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Arsenic	49.0	U	49.0	U	49.0	U	49.0	U	50.300	B	P
Barium	-16.3	B	-18.0	B	-18.0	B	-18.0	B	-15.900	B	P
Cadmium	4.0	U	4.0	U	4.0	U	4.0	U	-5.680	B	P
Chromium	10.0	U	10.0	U	10.0	U	10.0	U	10.100	B	P
Lead	260.0	B	88.0	U	134.0	B	88.0	U	88.000	U	P
Mercury	0.2	U	0.2	U	0.2	U	0.2	U	0.227	U	CV
Selenium	59.0	U	59.0	U	59.0	U	59.0	U	59.000	U	P
Silver	7.0	U	7.0	U	7.0	U	7.0	U	7.000	U	P

ACCREDITED LABORATORIES INC.

REGULATED TCLP METALS
BLANKS

ALI QC #: 930218T

Preparation Blank Matrix (soil/extract): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Arsenic			49.0	U	49.0	U					P
Barium			-18.1	B	-18.4	B					P
Cadmium			-5.1	B	4.0	U					P
Chromium			10.0	U	10.0	U					P
Lead			88.0	U	88.0	U					P
Mercury			0.2	U	0.2	U					CV
Selenium			59.0	U	59.0	U					P
Silver			7.0	U	7.0	U					P

ACCREDITED LABORATORIES INC.

ICP INTERFERENCE CHECK SAMPLE

ALI QC #: 930217B__

ICP ID Number: PS 2000_____ ICS Source: SPEX-3-129AS

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Aluminum								
Antimony								
Arsenic								
Barium	0	500	0	502.0	100.4	0	499.0	99.8
Beryllium	0	500	0	480.0	96.0	0	473.0	94.6
Cadmium	0	1000	4	934.0	93.4	3	920.0	92.0
Calcium								
Chromium	0	500	36	518.0	103.6	49	506.0	101.2
Cobalt	0	500	19	489.0	97.8	22	521.0	104.2
Copper	0	500	-15	480.0	96.0	-14	477.0	95.4
Iron								
Lead	0	1000	141	1110.0	111.0	156	1100.0	110.0
Magnesium								
Manganese	0	500	-1	471.0	94.2	-1	465.0	93.0
Mercury								
Nickel	0	1000	-7	913.0	91.3	-5	913.0	91.3
Potassium								
Selenium								
Silver	0	1000	88	1070.0	107.0	98	1060.0	106.0
Sodium								
Thallium								
Vanadium	0	500	-19	438.0	87.6	-20	430.0	86.0
Zinc	0	1000	-25	906.0	90.6	-24	907.0	90.7
Molybdenu								

FORM IV - IN

ACCREDITED LABORATORIES INC.

ICP INTERFERENCE CHECK SAMPLE

ALI QC #: 930217B__

ICP ID Number: PS 2000_____ ICS Source: SPEX-3-129AS

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Aluminum								
Antimony								
Arsenic								
Barium	0	500	-1	472.0	94.4	-2	449.0	89.8
Beryllium								
Cadmium	0	1000	8	869.0	86.9	10	833.0	83.3
Calcium								
Chromium	0	500	47	492.0	98.4	43	468.0	93.6
Cobalt								
Copper								
Iron								
Lead	0	1000	140	1090.0	109.0	138	980.0	98.0
Magnesium								
Manganese								
Mercury								
Nickel								
Potassium								
Selenium								
Silver	0	1000	89	1040.0	104.0	87	984.0	98.4
Sodium								
Thallium								
Vanadium								
Zinc								
Molybdenu								

FORM IV - IN

ACCREDITED LABORATORIES INC.

SPIKE SAMPLE RECOVERY

ALI QC SAMPLE#

1177A

ALI QC #: 930217B
Matrix (soil/water): SOIL
% Solids for Sample: 92.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum		4264.0693		3441.5584		541.13	152.0		P
Antimony	75-125	401.5152		4.3290	U	541.13	74.2		P
Arsenic	75-125	548.7013		27.5974		541.13	96.3		P
Barium	75-125	547.6190		20.5628		541.13	97.4		P
Beryllium	75-125	100.6494		0.2662	B	108.23	92.7		P
Cadmium	75-125	97.2944		0.4329	U	108.23	89.9		P
Calcium		11580.0866		15259.7403		541.13	-680.0		P
Chromium	75-125	224.0260		21.7532		216.45	93.5		P
Cobalt	75-125	508.6580		1.9481	U	541.13	94.0		P
Copper	75-125	259.7403		4.5563		270.56	94.3		P
Iron		8722.9437		6926.4069		541.13	332.0		P
Lead	75-125	268.3983		23.9177		270.56	90.4		P
Magnesium		1341.9913		1125.5411		216.45	100.0		P
Manganese	75-125	261.9048		56.6017		216.45	94.9		P
Mercury	75-125	0.5013		0.0491	U	0.43	116.6		CV
Nickel	75-125	248.9177		3.5065	B	270.56	90.7		P
Potassium	75-125	2142.8571		1493.5065		541.13	120.0		P
Selenium	75-125	490.2597		6.3853	U	541.13	90.6		P
Silver	75-125	8.6255		3.6797		5.41	91.4		P
Sodium	75-125	1417.7489		677.4892		541.13	136.8		P
Thallium	75-125	485.9307		17.8571	U	541.13	89.8		P
Vanadium	75-125	446.9697		7.0996		541.13	81.3		P
Zinc	75-125	523.8095		30.3030		541.13	91.2		P
Molybdenu									NR

Comments:

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ACCREDITED LABORATORIES INC.

SPIKE SAMPLE RECOVERY

ALI QC SAMPLE#

1177A

ALI QC #: 930217B
Matrix (soil/water): SOIL
% Solids for Sample: 92.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony									NR
Arsenic	75-125	7.7922		2.4892		5.41	98.0		F
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury									NR
Nickel									NR
Potassium									NR
Selenium	75-125	4.8701		0.3247	U	5.41	90.0		F
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Molybdenu									NR

Comments:

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ACCREDITED LABORATORIES INC.

REGULATED TCLP METALS
SPIKE SAMPLE RECOVERY

ALI QC SAMPLE#

1155A

ALI QC #: 930218T

Matrix (soil/extract): EXTRACT

Concentration Units (ug/L) : UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75-125	5570.0000		133.0000	B	5000.00	108.7		P
Barium	75-125	5250.0000		171.0000	B	5000.00	101.6		P
Cadmium	75-125	1130.0000		123.0000		1000.00	100.7		P
Chromium	75-125	2210.0000		29.5000	B	2000.00	109.0		P
Lead		201000.0000		212000.0000		2500.00	-440.0		P
Mercury	75-125	4.1860		0.4540	U	4.00	104.6		CV
Selenium	75-125	5650.0000		59.0000	U	5000.00	113.0		P
Silver	75-125	52.1000		7.0000	U	50.00	104.2		P

Comments:

ACCREDITED LABORATORIES INC.

DUPLICATES

ALI QC SAMPLE#

1177D

ALI QC #: 930217B

Matrix (soil/water): SOIL

% Solids for Sample: 92.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		3441.5584		3755.4113		8.7		P
Antimony		4.3290	U	4.3290	U			P
Arsenic		27.5974		37.4459		30.3		P
Barium		20.5628		28.8961		33.7		P
Beryllium		0.2662	B	0.3171	B	17.5		P
Cadmium		0.4329	U	0.4329	U			P
Calcium		15259.7403		12857.1429		17.1		P
Chromium		21.7532		28.7879		27.8		P
Cobalt		1.9481	U	1.9481	U			P
Copper	3.2	4.5563		4.4481		2.4		P
Iron		6926.4069		8852.8139		24.4		P
Lead	10.8	23.9177		35.0649		37.8		P
Magnesium		1125.5411		1158.0087		2.8		P
Manganese		56.6017		60.0649		5.9		P
Mercury		0.0491	U	0.0491	U			CV
Nickel		3.5065	B	3.5714	B	1.8		P
Potassium		1493.5065		1807.3593		19.0		P
Selenium		6.3853	U	6.3853	U			P
Silver	3.2	3.6797		4.5563		21.3		P
Sodium		677.4892		761.9048		11.7		P
Thallium		17.8571	U	17.8571	U			P
Vanadium	5.4	7.0996		8.4848		17.8		P
Zinc	10.8	30.3030		35.3896		15.5		P
Molybdenu								NR

ACCREDITED LABORATORIES INC.

DUPLICATES

ALI QC SAMPLE#

1177D

ALI QC #: 930217B

Matrix (soil/water): SOIL

% Solids for Sample: 92.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum								NR
Antimony								NR
Arsenic	1.1	2.4892		3.2468		26.4		F
Barium								NR
Beryllium								NR
Cadmium								NR
Calcium								NR
Chromium								NR
Cobalt								NR
Copper								NR
Iron								NR
Lead								NR
Magnesium								NR
Manganese								NR
Mercury								NR
Nickel								NR
Potassium								NR
Selenium		0.3247	U	0.3247	U			F
Silver								NR
Sodium								NR
Thallium								NR
Vanadium								NR
Zinc								NR
Molybdenu								NR

ACCREDITED LABORATORIES INC.

DUPLICATES

ALI QC SAMPLE#

1177T

ALI QC #: 930217B

Matrix (soil/water): SOIL

% Solids for Sample: 92.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Antimony								NR
Arsenic								NR
Beryllium								NR
Cadmium								NR
Chromium		21.7532		26.9481		21.3		P
Copper								NR
Lead	10.8	23.9177		14.3939		49.7		P
Mercury								NR
Nickel								NR
Selenium								NR
Silver								NR
Thallium								NR
Zinc								NR

ACCREDITED LABORATORIES INC.

REGULATED TCLP METALS
DUPLICATES

ALI QC SAMPLE#

1155D

ALI QC #: 930218T

Matrix (soil/extract): EXTRACT

Concentration Units (ug/L) : UG/L

Analyte	Regulatory Level	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Arsenic		133.0000	B	163.0000	B	20.3		P
Barium		171.0000	B	146.0000	B	15.8		P
Cadmium	30.0	123.0000		104.0000		16.7		P
Chromium		29.5000	B	10.1000	B	98.0		P
Lead		212000.0000		180000.0000		16.3		P
Mercury		0.4540	U	0.4540	U			CV
Selenium		59.0000	U	59.0000	U			P
Silver		7.0000	U	7.9300	B	200.0		P

ACCREDITED LABORATORIES INC.

LABORATORY CONTROL SAMPLE

ALI QC #: 930217B__

Solid LCS Source: ALI_____

Aqueous LCS Source: _____

Analyte	Aqueous (ug/L) True	Aqueous (ug/L) Found	Aqueous (ug/L) %R	Solid (mg/kg) True	Solid (mg/kg) Found	C	Limits		%R
Aluminum				500.0	462.0				92.4
Antimony				500.0	462.0				92.4
Arsenic				500.0	500.0				100.0
Barium				500.0	486.0				97.2
Beryllium				100.0	92.2				92.2
Cadmium				100.0	92.3				92.3
Calcium				500.0	466.0				93.2
Chromium				200.0	191.0				95.5
Cobalt				500.0	478.0				95.6
Copper				250.0	237.0				94.8
Iron				500.0	461.0				92.2
Lead				250.0	238.0				95.2
Magnesium				200.0	185.0				92.5
Manganese				200.0	193.0				96.5
Mercury									
Nickel				250.0	236.0				94.4
Potassium				500.0	443.0				88.6
Selenium				500.0	471.0				94.2
Silver				5.0	4.5				90.0
Sodium				500.0	497.0				99.4
Thallium				500.0	484.0				96.8
Vanadium				500.0	417.0				83.4
Zinc				500.0	461.0				92.2
Molybdenu									

FORM VII - IN

ILM02.1

ACCREDITED LABORATORIES INC.

LABORATORY CONTROL SAMPLE

ALI QC #: 930217B

Solid LCS Source: ALI

Aqueous LCS Source:

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Antimony									
Arsenic				5.0	5.8				116.0
Beryllium									
Cadmium									
Chromium									
Copper									
Lead									
Mercury									
Nickel									
Selenium				5.0	5.1				102.0
Silver									
Thallium									
Zinc									

FORM VII - IN

ACCREDITED LABORATORIES INC.

REGULATED TCLP METALS
LABORATORY CONTROL SAMPLE

ALI QC #: 930218T

Solid LCS Source: _____

Aqueous LCS Source: ALI_____

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Arsenic	5000.00	5040.00	100.8						
Barium	5000.00	4800.00	96.0						
Cadmium	1000.00	973.00	97.3						
Chromium	2000.00	2090.00	104.5						
Lead	2500.00	2470.00	98.8						
Mercury									
Selenium	5000.00	4960.00	99.2						
Silver	50.00	48.20	96.4						

ACCREDITED LABORATORIES INC.

REGULATED TCLP METALS
LABORATORY CONTROL SAMPLE

ALI QC #: 930218T

Solid LCS Source: _____

Aqueous LCS Source: ALI_____

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Arsenic									
Barium									
Cadmium									
Chromium									
Lead									
Mercury	4.00	4.19	104.6						
Selenium									
Silver									

ACCREDITED LABORATORIES INC.

STANDARD ADDITION RESULTS

ALI QC #: 930217B__

Concentration Units: ug/L

Field/ Sample No.	An	0 ADD ABS	1 ADD CON	1 ADD ABS	2 ADD CON	2 ADD ABS	3 ADD CON	3 ADD ABS	Final Conc.	r	Q
BH-1-H__	AS	0.072	25.00	0.199	50.00	0.320	75.00	0.502	10.9	0.9951	
BH-2-I__	AS	0.135	25.00	0.267	50.00	0.390	75.00	0.506	28.1	0.9996	
TP-5____	AS	0.140	25.00	0.302	50.00	0.434	75.00	0.562	26.8	0.9984	
BH-1-H__	SE	0.034	25.00	0.051	50.00	0.075	75.00	0.089	44.8	0.9954	
BH-2-S1_	SE	0.034	25.00	0.096	50.00	0.137	75.00	0.174	22.3	0.9921	
BH-2-S1_	SE	0.057	25.00	0.094	50.00	0.136	75.00	0.151	47.0	0.9840	

FORM VIII - IN ILM02.1

ACCREDITED LABORATORIES INC.

ICP SERIAL DILUTION

ALI QC SAMPLE#

1177L

ALI QC #: 930217B

Matrix (soil/water): SOIL

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	31800.00		31000.00		2.5		P
Antimony	40.00	U	200.00	U			P
Arsenic	255.00		245.00	U	100.0		P
Barium	190.00		190.00		0.0		P
Beryllium	2.46	B	5.00	U	100.0		P
Cadmium	4.00	U	20.00	U			P
Calcium	7050.00		8450.00		19.9		P
Chromium	201.00		169.50		15.7		P
Cobalt	18.00	U	90.00	U			P
Copper	42.10		60.50	B	43.7		P
Iron	64000.00		63000.00		1.6		P
Lead	221.00		440.00	U	100.0		P
Magnesium	10400.00		10350.00		0.5		P
Manganese	523.00		520.00		0.6		P
Mercury							
Nickel	32.40	B	106.00	B	227.2		P
Potassium	13800.00		15600.00		13.0		P
Selenium	59.00	U	295.00	U			P
Silver	34.00		65.00	B	91.2		P
Sodium	6260.00		6950.00		11.0		P
Thallium	165.00	U	825.00	U			P
Vanadium	65.60		69.50	B	5.9		P
Zinc	280.00		293.00	B	4.6		P
Molybdenu							

ACCREDITED LABORATORIES INC.

REGULATED TCLP METALS
ICP SERIAL DILUTION

ALI QC SAMPLE#

1155L

ALI QC #: 930218T

Matrix (soil/extract): EXTRACT

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Arsenic	133.00	B	445.00	B	234.6		P
Barium	171.00	B	110.50	B	35.4		P
Cadmium	123.00		98.00	B	20.3		P
Chromium	29.50	B	50.00	U	100.0		P
Lead	21200.00		20450.00		3.5		P
Mercury							
Selenium	59.00	U	295.00	U			P
Silver	7.00	U	35.00	U			P

ACCREDITED LABORATORIES INC.

Instrument Detection Limits (Quarterly)

ICP ID Number: _____ Date: 01/04/93
Flame AA ID Number : PE-2380
Furnace AA ID Number : _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum			200		
Antimony			100		
Arsenic			10		
Barium			30		
Beryllium			5		
Cadmium			10		
Calcium			300		
Chromium			30		
Cobalt			30		
Copper			30		
Iron			100		
Lead			100		
Magnesium			300		
Manganese			15		
Mercury	253.60	BD	0.5		CV
Nickel			40		
Potassium			2000		
Selenium			5		
Silver			30		
Sodium			1000		
Thallium			300		
Vanadium			50		
Zinc			100		
Molybdenu			100		

Comments:

ACCREDITED LABORATORIES INC.

Instrument Detection Limits (Quarterly)

ICP ID Number: _____ Date: 01/06/93
Flame AA ID Number : _____
Furnace AA ID Number : PE-4100

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum			200		
Antimony			100		
Arsenic			10		
Barium			30		
Beryllium			5		
Cadmium			10		
Calcium			300		
Chromium			30		
Cobalt			30		
Copper			30		
Iron			100		
Lead			100		
Magnesium			300		
Manganese			15		
Mercury			0.5		
Nickel			40		
Potassium			2000		
Selenium	196.00	BZ	5	3.0	F
Silver			30		
Sodium			1000		
Thallium			300		
Vanadium			50		
Zinc			100		
Molybdenu			100		

Comments:

FORM X - IN

ILM02.1

ACCREDITED LABORATORIES INC.

Instrument Detection Limits (Quarterly)

ICP ID Number: _____ Date: 01/07/93
Flame AA ID Number : _____
Furnace AA ID Number : PE-5100

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum			200		
Antimony			100		
Arsenic	193.70	BZ	10	2.0	F
Barium			30		
Beryllium			5		
Cadmium			10		
Calcium			300		
Chromium			30		
Cobalt			30		
Copper			30		
Iron			100		
Lead			100		
Magnesium			300		
Manganese			15		
Mercury			0.5		
Nickel			40		
Potassium			2000		
Selenium			5		
Silver			30		
Sodium			1000		
Thallium			300		
Vanadium			50		
Zinc			100		
Molybdenu			100		

Comments:

ACCREDITED LABORATORIES INC.

Instrument Detection Limits (Quarterly)

ICP ID Number: PS_2000 Date: 01/15/93
Flame AA ID Number :
Furnace AA ID Number :

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum	308.22		200	39.0	P
Antimony	206.83		100	40.0	P
Arsenic	193.70		10	49.0	P
Barium	455.40		30	7.0	P
Beryllium	313.04		5		P
Cadmium	226.50		10	4.0	P
Calcium	317.93		300	60.0	P
Chromium	267.72		30	10.0	P
Cobalt	228.62		30	18.0	P
Copper	324.75		30	7.0	P
Iron	259.94		100	35.0	P
Lead	220.35		100	88.0	P
Magnesium	279.08		300	72.0	P
Manganese	257.61		15		P
Mercury			0.5		
Nickel	231.60		40	17.0	P
Potassium	766.49		2000	917.0	P
Selenium	196.03		5	59.0	P
Silver	328.07		30	7.0	P
Sodium	589.00		1000	179.0	P
Thallium	190.80		300	165.0	P
Vanadium	292.40		50	4.0	P
Zinc	213.86		100	5.0	P
Molybdenu			100		

Comments:

ACCREDITED LABORATORIES INC.

ICP Interelement Correction Factors (Annually)

ICP ID Number: PS 2000_____ Date: 05/05/92

Analyte	Wave-length (nm)	Interelement Correction Factors for : Al	Ca	Fe	Mg	CR_
Aluminum	308.22	0.0000000	0.0000000	0.0000000	-0.0003500	0.0022610
Antimony	206.83	0.0000000	0.0000990	-0.0000600	-0.0003100	0.0162820
Arsenic	193.70	0.0011310	0.0002580	0.0000000	-0.0001400	0.0006110
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0001010	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	-0.0001500	0.0002270
Chromium	267.72	0.0000000	0.0000000	0.0000200	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000560	0.0000370	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0008790	0.0000000	-0.0003200	-0.0008000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	-0.0002000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000080	0.0000130	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	-0.0000500	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	0.0004970	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000290	-0.0000300	0.0000160	0.0000000
Sodium	589.00	0.0000540	0.0000650	0.0009480	-0.0001100	0.0002400
Thallium	190.80	0.0002380	0.0000000	0.0003350	0.0001870	0.0000930
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.86	0.0000000	0.0000000	0.0000440	0.0000000	0.0000000
Molybdenu	202.03	0.0000800	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

ACCREDITED LABORATORIES INC.

ICP Interelement Correction Factors (Annually)

ICP ID Number: PS 2000_____ Date: 05/05/92

Analyte	Wave-length (nm)	Interelement Correction Factors for : V__	___	___	___	___
Aluminum	308.22	-0.0274600				
Antimony	206.83	0.0000000				
Arsenic	193.70	0.0001360				
Barium	455.40	0.0000000				
Beryllium	313.04	0.0000000				
Cadmium	226.50	0.0000770				
Calcium	317.93	0.0001620				
Chromium	267.72	0.0000000				
Cobalt	228.62	0.0000000				
Copper	324.75	0.0000000				
Iron	259.94	0.0000000				
Lead	220.35	0.0000000				
Magnesium	279.08	0.0000000				
Manganese	257.61	0.0000000				
Mercury						
Nickel	231.60	0.0000000				
Potassium	766.49	0.0000000				
Selenium	196.03	0.0000000				
Silver	328.07	0.0000000				
Sodium	589.00	0.0012300				
Thallium	190.80	0.0000000				
Vanadium	292.40	0.0000000				
Zinc	213.86	0.0000000				
Molybdenu	202.03	0.0000000				

Comments:

ACCREDITED LABORATORIES INC.

ICP Interelement Correction Factors (Annually)

ICP ID Number: PS 2000_____ Date: 05/05/92

Analyte	Wave-length (nm)	Interelement Correction Factors for : Al	Ca	Fe	Mg	CR_
Aluminum	308.22	0.0000000	0.0000000	0.0000000	-0.0003500	0.0022610
Antimony	206.83	0.0000000	0.0000990	-0.0000600	-0.0003100	0.0162820
Arsenic	193.70	0.0011310	0.0002580	0.0000000	-0.0001400	0.0006110
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0001010	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	-0.0001500	0.0002270
Chromium	267.72	0.0000000	0.0000000	0.0000200	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000560	0.0000370	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0008790	0.0000000	-0.0003200	-0.0008000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	-0.0002000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000080	0.0000130	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	-0.0000500	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	0.0004970	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000290	-0.0000300	0.0000160	0.0000000
Sodium	589.00	0.0000540	0.0000650	0.0009480	-0.0001100	0.0002400
Thallium	190.80	0.0002380	0.0000000	0.0003350	0.0001870	0.0000930
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.86	0.0000000	0.0000000	0.0000440	0.0000000	0.0000000
Molybdenu	202.03	0.0000800	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

FORM XI (Part 1) - IN

ILM02.1

ACCREDITED LABORATORIES INC.

ICP Interelement Correction Factors (Annually)

ICP ID Number: PS 2000_____ Date: 05/05/92

Analyte	Wave-length (nm)	Interelement Correction Factors for : V__	___	___	___	___
Aluminum	308.22	-0.0274600				
Antimony	206.83	0.0000000				
Arsenic	193.70	0.0001360				
Barium	455.40	0.0000000				
Beryllium	313.04	0.0000000				
Cadmium	226.50	0.0000770				
Calcium	317.93	0.0001620				
Chromium	267.72	0.0000000				
Cobalt	228.62	0.0000000				
Copper	324.75	0.0000000				
Iron	259.94	0.0000000				
Lead	220.35	0.0000000				
Magnesium	279.08	0.0000000				
Manganese	257.61	0.0000000				
Mercury						
Nickel	231.60	0.0000000				
Potassium	766.49	0.0000000				
Selenium	196.03	0.0000000				
Silver	328.07	0.0000000				
Sodium	589.00	0.0012300				
Thallium	190.80	0.0000000				
Vanadium	292.40	0.0000000				
Zinc	213.86	0.0000000				
Molybdenu	202.03	0.0000000				

Comments:

ACCREDITED LABORATORIES INC.

ICP Linear Ranges (Quarterly)

ICP ID Number: PS 2000_____ Date: 01/15/93

Analyte	Integ. Time (sec.)	Concentration (ug/L)	M
Aluminum	5.00	50000.0	P
Antimony	5.00	100000.0	P
Arsenic	5.00	50000.0	P
Barium	5.00	100000.0	P
Beryllium	5.00	100000.0	P
Cadmium	5.00	20000.0	P
Calcium	5.00	100000.0	P
Chromium	5.00	100000.0	P
Cobalt	5.00	50000.0	P
Copper	5.00	50000.0	P
Iron	5.00	100000.0	P
Lead	5.00	100000.0	P
Magnesium	5.00	50000.0	P
Manganese	5.00	20000.0	P
Mercury			NR
Nickel	5.00	50000.0	P
Potassium	5.00	100000.0	P
Selenium	5.00	50000.0	P
Silver	5.00	5000.0	P
Sodium	5.00	100000.0	P
Thallium	5.00	50000.0	P
Vanadium	5.00	100000.0	P
Zinc	5.00	50000.0	P
Molybdenu	5.00	50000.0	P

Comments:

Accredited Laboratories, Inc.
Foot of Pershing Avenue, P.O. Box 369
Carteret, New Jersey 07008-0369
Telephone: (908) 541-2025

A Subsidiary of **AMAX**

CHAIN OF CUSTODY FORM

Page 1 of 1

Client: Guardian Env Service
Address: 1280 Porter Rd
City: Bear
State, Zip: De, 19701

Project: Custom Distribution
Contact: Jack Wilson
Phone: 442-0487
Fax: 442-0540

P.O. Number 28229

**M = Matrix (A)=Aqueous (S)=Soil (G)=Sludge (P)=Potable Water (O)=Oil (F)=Filter (K)=Solid (X)=Other

Deliverables (circle one): STD (Reduced) Regulatory ECRA CLP I CLP II
Tier II Data Package

* C = No. Containers

Turnaround: 2-26-93 (if blank, std applies)

ALI Sample No.	Field ID	C*	M**	Date/Time SAMPLED	Sample Description	Analyses
29	BH-1	2	K	2-11-93 1130 Hrs	Bag material + Dust	TCLP metals Total metals
30	BH-2	2	K	2-11-93 1145 Hrs	Bag material + Dust	TCLP metals Total metals

Person(s) Assuming **Responsibility for Sampling:** Print Jack Wilson Sign John Wilson

Relinquished By: print	Relinquished By: sign	Received By: print	Received By: sign	Organization	Date	Time	Reason
Jack Wilson	John Wilson	T. Hemsel	T. Hemsel	ALI	2/11/93	1:40 PM	Transport
T. Hemsel	T. Hemsel	B. Oxner	B. Oxner	ALI	2/11/93	2:10 PM	Analysis

Comments: Fax results to Jack Wils
To Job site (1050 Stat
10 - Make 3 copies (Hard) and deliver

ALI CASE NO. C-2349

For Due 2/26

Date:02/11/93 ACCREDITED LABORATORIES, INC. Time: 15:30:13

INORGANIC ANALYSIS LABORATORY CHRONICLE

Client: Guardian Environmental Service Test Date Wanted: 02/25/93

Field#: BH-1 Case#: 2399 Sample#: 9301129

Client Sample Description: Bag Material And Dush

Date Sampled: 02/11/93 Date Received: 02/11/93 Report Package: Tier 2

Test: ~~TCLP~~ Total MET QC#: 930077

Test Description: TCLP Metals (TCLP MET)

Project Name: Custom Distribution

Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth

Sample Comments:

By Method:

MTX	ELEMENT	SYM	RESULT	MDL	UNITS	LABORATORY CHRONICLE PREPARATION DATE	PREPARATION INIT	ANALYSIS DATE	ANALYSIS INIT	REF
K	Arsenic	As				2/17/93	SAMB	2/24/93	SAMB	363-46
K	Barium	Ba								
K	Cadmium	Cd								
K	Chromium-T	Cr								
K	Lead	Pb								
K	Mercury	Hg								
K	Selenium	Se				2/17/93	SAMB			
K	Silver	Ag						2/24/93	SAMB	363-46

Total Metals

		100							

Quality control Report Number(s): 9302176

Reviewed by: SAMBWC Date: 2/26/93 RPT:02report

Fax Due 2/26

Date:02/11/93 ACCREDITED LABORATORIES, INC. Time: 15:30:13

INORGANIC ANALYSIS LABORATORY CHRONICLE

Client: Guardian Environmental Service Test Date Wanted: 02/25/93

Field#: BH-1 Case#: 2399 Sample#: 9301129

Client Sample Description: Bag Material And Dush

Date Sampled: 02/11/93 Date Received: 02/11/93 Report Package: Tier 2

Test: ~~TCLP~~ Total MET QC#: 930068

Test Description: TCLP Metals (TCLP MET)

Project Name: Custom Distribution

Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth

Sample Comments:

By Method:

MTX	ELEMENT	SYM	RESULT	MDL	UNITS	LABORATORY CHRONICLE PREPARATION DATE	PREPARATION INIT	ANALYSIS DATE	ANALYSIS INIT	REF
K	Arsenic	As				2/17/93	SMB	ICP		
K	Barium	Ba								
K	Cadmium	Cd								
K	Chromium-T	Cr								
K	Lead	Pb								
K	Mercury	Hg								
K	Selenium	Se				2/17/93	SMB	2/22/93	TH	358-64
K	Silver	Ag								

Total Metals

Quality control Report Number(s): 9302176

Reviewed by: SMB WC Date: 2/26/93 2/26/93 RPT:02report

Fax Due 9/26

Date:02/11/93 ACCREDITED LABORATORIES, INC. Time: 15:30:13

INORGANIC ANALYSIS LABORATORY CHRONICLE

Client: Guardian Environmental Service Test Date Wanted: 02/25/93

Field#: BH-1 Case#: 2399 Sample#: 9301129

Client Sample Description: Bag Material And Dush

Date Sampled: 02/11/93 Date Received: 02/11/93 Report Package: Tier 2

Test: ~~TCLP~~ Total MET QC#: 930079

Test Description: TCLP Metals (TCLP MET)

Project Name: Custom Distribution

Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth

Sample Comments:

By Method: _____

						LABORATORY CHRONICLE PREPARATION		ANALYSIS		
MTX	ELEMENT	SYM	RESULT	MDL	UNITS	DATE	INIT	DATE	INIT	REF
K	Arsenic	As				2/17/93	SMB			
K	Barium	Ba								
K	Cadmium	Cd								
K	Chromium-T	Cr								
K	Lead	Pb								
K	Mercury	Hg				2/24/93	TH	2/26/93	TH	369-38
K	Selenium	Se				2/17/93	SMB			
K	Silver	Ag								

Total Metals

Quality control Report Number(s): 9302176

Reviewed by: SMB WC Date: 2/26/93 2/26/93 RPT:02report

For Due 2/26

Date:02/11/93 ACCREDITED LABORATORIES, INC. Time: 15:30:13

INORGANIC ANALYSIS LABORATORY CHRONICLE

Client: Guardian Environmental Service Test Date Wanted: 02/25/93

Field#: BH-1 Case#: 2399 Sample#: 9301129
Client Sample Description: Bag Material And Dush
Date Sampled: 02/11/93 Date Received: 02/11/93 Report Package: Tier 2

Test: TCLP MET QC#: 930073
Test Description: TCLP Metals (TCLP MET)
Project Name: Custom Distribution
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth
Sample Comments:

By Method:

MTX	ELEMENT	SYM	RESULT	MDL	UNITS	LABORATORY CHRONICLE PREPARATION DATE	PREPARATION INIT	ANALYSIS DATE	ANALYSIS INIT	ANALYSIS REF
K	Arsenic	As				2/18/93	SMB	2/22/93	SMB	363-42
K	Barium	Ba								
K	Cadmium	Cd								
K	Chromium-T	Cr								
K	Lead	Pb								
K	Mercury	Hg								
K	Selenium	Se				2/18/93	SMB	2/22/93	SMB	363-4L
K	Silver	Ag								

WC

Quality control Report Number(s): 930218T1

Reviewed by: WC Date: 2/23/93 RPT:02report

For Due 2/26

Date:02/11/93 ACCREDITED LABORATORIES, INC. Time: 15:30:13

INORGANIC ANALYSIS LABORATORY CHRONICLE

Client: Guardian Environmental Service Test Date Wanted: 02/25/93

Field#: BH-1 Case#: 2399 Sample#: 9301129
Client Sample Description: Bag Material And Dush
Date Sampled: 02/11/93 Date Received: 02/11/93 Report Package: Tier 2

Test: TCLP MET QC#: 930075
Test Description: TCLP Metals (TCLP MET)
Project Name: Custom Distribution
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth
Sample Comments:

By Method:

						LABORATORY CHRONICLE PREPARATION		ANALYSIS		
MTX	ELEMENT	SYM	RESULT	MDL	UNITS	DATE	INIT	DATE	INIT	REF
K	Arsenic	As				2/18/93	SMB			
K	Barium	Ba								
K	Cadmium	Cd								
K	Chromium-T	Cr								
K	Lead	Pb								
K	Mercury	Hg				2/23/93	TH	2/23/93	TH	369-33
K	Selenium	Se				2/18/93	SMB			
K	Silver	Ag								

Quality control Report Number(s): 930218T1

Reviewed by: WC Date: 2/25/93 RPT:02report

Fax Due 2/26

Date:02/11/93 ACCREDITED LABORATORIES, INC. Time: 15:30:13

INORGANIC ANALYSIS LABORATORY CHRONICLE

Client: Guardian Environmental Service Test Date Wanted: 02/25/93

Field#: BH-2 Case#: 2399 Sample#: 9301130

Client Sample Description: Bag Material And Dush

Date Sampled: 02/11/93 Date Received: 02/11/93 Report Package: Tier 2

Test: ~~TCLP~~ Total MET QC#: 930077

Test Description: TCLP Metals (TCLP MET)

Project Name: Custom Distribution

Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth

Sample Comments:

By Method:

MTX	ELEMENT	SYM	RESULT	MDL	UNITS	LABORATORY CHRONICLE PREPARATION DATE	PREPARATION INIT	ANALYSIS DATE	ANALYSIS INIT	ANALYSIS REF
K	Arsenic	As				2/17/93	SAMB	2/24/93	SAMB	363-46
K	Barium	Ba								
K	Cadmium	Cd								
K	Chromium-T	Cr								
K	Lead	Pb								
K	Mercury	Hg								
K	Selenium	Se				2/17/93	SAMB			
K	Silver	Ag						2/24/93	SAMB	363-46

Total Metals

		100							

Quality control Report Number(s): 9302176

Reviewed by: SAMB WC Date: 2/26/93 RPT:02report

Ray Due 4/26

Date:02/11/93 ACCREDITED LABORATORIES, INC. Time: 15:30:13

INORGANIC ANALYSIS LABORATORY CHRONICLE

Client: Guardian Environmental Service Test Date Wanted: 02/25/93

Field#: BH-2 Case#: 2399 Sample#: 9301130

Client Sample Description: Bag Material And Dush

Date Sampled: 02/11/93 Date Received: 02/11/93 Report Package: Tier 2

Test: ~~TCLP~~ Total MET QC#: 930068

Test Description: TCLP Metals (TCLP MET)

Project Name: Custom Distribution

Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth

Sample Comments:

By Method: _____

						LABORATORY CHRONICLE PREPARATION		ANALYSIS		
MTX	ELEMENT	SYM	RESULT	MDL	UNITS	DATE	INIT	DATE	INIT	REF
K	Arsenic	As				2/17/93	SAMS	ICP		
K	Barium	Ba								
K	Cadmium	Cd								
K	Chromium-T	Cr								
K	Lead	Pb								
K	Mercury	Hg								
K	Selenium	Se				2/17/93	SAMS	2/22/93	DH	358-64
K	Silver	Ag								

Total Metals

Quality control Report Number(s): 9302176

Reviewed by: SAMS WC Date: 2/26/93 2/26/93 RPT:02report

Ray Due 7/26

Date:02/11/93 ACCREDITED LABORATORIES, INC. Time: 15:30:13
INORGANIC ANALYSIS LABORATORY CHRONICLE

Client: Guardian Environmental Service Test Date Wanted: 02/25/93

Field#: BH-2 Case#: 2399 Sample#: 9301130
Client Sample Description: Bag Material And Dush
Date Sampled: 02/11/93 Date Received: 02/11/93 Report Package: Tier 2
Test: ~~TCLP~~ Total MET QC#: 930079
Test Description: TCLP Metals (TCLP MET)
Project Name: Custom Distribution
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth
Sample Comments:

By Method:

						LABORATORY CHRONICLE PREPARATION		ANALYSIS		
MTX	ELEMENT	SYM	RESULT	MDL	UNITS	DATE	INIT	DATE	INIT	REF
K	Arsenic	As				2/17/93	SAMB			
K	Barium	Ba								
K	Cadmium	Cd								
K	Chromium-T	Cr								
K	Lead	Pb								
K	Mercury	Hg				2/24/93	TH	2/26/93	TH	369-38
K	Selenium	Se				2/17/93	SAMB			
K	Silver	Ag								

Total Metals

Quality control Report Number(s): 9302176

Reviewed by: SAMB WC Date: 2/26/93 2/26/93 RPT:02report

Fax Due 2/26

Date:02/11/93 ACCREDITED LABORATORIES, INC. Time: 15:30:13

INORGANIC ANALYSIS LABORATORY CHRONICLE

Client: Guardian Environmental Service Test Date Wanted: 02/25/93

Field#: BH-2 Case#: 2399 Sample#: 9301130
Client Sample Description: Bag Material And Dush
Date Sampled: 02/11/93 Date Received: 02/11/93 Report Package: Tier 2

Test: TCLP MET QC#: 930073
Test Description: TCLP Metals (TCLP MET)
Project Name: Custom Distribution
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth
Sample Comments:

By Method: _____

						LABORATORY CHRONICLE PREPARATION		ANALYSIS		
MTX	ELEMENT	SYM	RESULT	MDL	UNITS	DATE	INIT	DATE	INIT	REF
K	Arsenic	As				2/18/93	SAMB	2/22/93	SAMB	363-4L
K	Barium	Ba								
K	Cadmium	Cd								
K	Chromium-T	Cr								
K	Lead	Pb								
K	Mercury	Hg								
K	Selenium	Se				2/18/93	SAMB	2/22/93	SAMB	363-4L
K	Silver	Ag								
		NR								

Quality control Report Number(s): 930218T1

Reviewed by: WC Date: 2/23/93 RPT:02report

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Fay Due 2/26

Date:02/11/93 ACCREDITED LABORATORIES, INC. Time: 15:30:13

INORGANIC ANALYSIS LABORATORY CHRONICLE

Client: Guardian Environmental Service Test Date Wanted: 02/25/93

Field#: BH-2 Case#: 2399 Sample#: 9301130
Client Sample Description: Bag Material And Dush
Date Sampled: 02/11/93 Date Received: 02/11/93 Report Package: Tier 2

Test: TCLP MET QC#: 930075
Test Description: TCLP Metals (TCLP MET)
Project Name: Custom Distribution
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth
Sample Comments:

By Method: _____

						LABORATORY CHRONICLE PREPARATION		ANALYSIS		
MTX	ELEMENT	SYM	RESULT	MDL	UNITS	DATE	INIT	DATE	INIT	REF
K	Arsenic	As				2/18/93	SAMB			
K	Barium	Ba								
K	Cadmium	Cd								
K	Chromium-T	Cr								
K	Lead	Pb								
K	Mercury	Hg				2/23/93	TH	2/23/93	TH	369-33
K	Selenium	Se				2/18/93	SAMB			
K	Silver	Ag								

Quality control Report Number(s): 930218T1

Reviewed by: WC Date: 2/25/93 RPT:02report

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Fax Due 2/26

Date: 02/11/93 ACCREDITED LABORATORIES, INC. Time:15:30:19

ORGANIC ANALYSIS LABORATORY CHRONICLE

Client: Guardian Environmental Service Test Date Due: 02/25/93

Client Project Name: Custom Distribution

Date Sampled:02/11/93 Date Received:02/11/93 Report Package: Tier 2

Test: TCLP EXT MET QC#:_____
Test Description:TCLP Extraction Metals

By Method: _____

SAMPLE IDENTIFICATION			Mtx	EXTRACTION			ANALYSIS			TIC FLAG
Field#	Case#	Sample#		Date	Time	Init	Date	Time	Init	
BH-1	2399	9301129	K	2/16/93		CD				
BH-2	2399	9301130	K	"		"				

Reviewed by: LC Date: 2/23/93

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other RPT:01report