KAFB94

Analytical Technologies, Inc.

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ATI I.D. **403376**

April 7, 1994

NM Environment Dept.
P.O. Box 26110
Santa Fe, NM 87502

Project Name/Number: KAFB

Attention: Jim Seubert

On **03/17/94**, Analytical Technologies, Inc., (ADHS License No. AZ0015), received a request to analyze **non-aqueous** sample(s). The sample(s) were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

For the Volatile Organics analysis, sample 01-F2115014-A could only be done at a 1/10,000 dilution due to high hits of target analytes and high unknown hydrocarbons. The methylene chloride hit in the sample is probably due to lab contamination and increased by the dilution factor.

For the Semivolatile Organic analysis, sample 01-F2115014-A could not be extracted at 30.0 grams. A 3.0 gram aliquot was extracted and submitted for GC/MS analysis. A tenfold dilution was required for GC/MS analysis due to the sample matrix. This tenfold dilution had two acid surrogates out of quality control limits. This appears to be a matrix effect since all three acid surrogates are lower than the reagent blank, blank spike, or blank spike duplicate yet the three B/N surrogates all compare favorably. The sample has high levels of alkanes, substituted benzenes, and substituted carboxylic acids. An additional 1/100 dilution was required to get Bis(2-ethylhexyl)phthalate within the calibration range. There was insufficient sample to analyze a matrix spike/matrix spike duplicate so a blank spike/blank spike duplicate was analyzed. The blank spike duplicate had low recovery of 1,2,4-Trichlorobenzene. The blank spike recovery met quality control limits. This compound was not detected in any samples.

All analyses were performed by Analytical Technologies, Inc., 225 Commerce Drive, Fort Collins, CO.

Analytical **Technologies,** Inc.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

Letitia Krakowski, Ph.D.
Project Manager

MR:jd

Enclosure

Analytical Technologies, Inc.

CLIENT : NM ENVIRONMENT DEPT. DATE RECEIVED: 03/17/94
PROJECT # : (NONE)
PROJECT NAME: KAFB REPORT DATE : 04/07/94

ATI I.D.: 403376

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	01-F2115014-A	NON-AQ	03/17/94

----TOTALS----

MATRIX	# SAMPLES
NON-AQ	1

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

Analytical Technologies, Inc.

IGNITABILITY

Method 1010

Lab Name: Analytical Technologies, Inc.

Client Name: ATI-NM

Client Project ID: NMED -- 403376

Lab Workorder Number: 94-03-139

Date Collected: 03/17/94

Date Analyzed: 03/23/94

Sample Matrix: Solid

Sample ID	Lab Sample ID	Ignitable At (deg C)	Non-ignitable Below (deg C)
403376-1	94-03-139-01	35	

Analytical Technologies, Inc.

VOLATILE ORGANICS

Method 8240

Sample ID

Reagent Blank

Lab Name: Analytical Technologies, Inc.
Client Name: ATI-NM
Client Project ID: NMED -- 403376
Lab Sample ID: SRB1 03/30/94

Date Collected: N/A
Date Analyzed: 03/30/94

Sample Matrix: Soil
Sample Weight: 5 g

Analyte	Results (ug/kg)	Detection Limit (ug/kg)
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene chloride	1 J	5
Acetone	ND	10
Carbon disulfide	ND	5
1,1-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
cis-1,2-Dichloroethene	ND	5
trans-1,2-Dichloroethene	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	5
Carbon tetrachloride	ND	5
Vinyl acetate	ND	10
Bromodichloromethane	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
Trichloroethene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
Benzene	ND	5
trans-1,3-Dichloropropene	ND	5
Bromoform	ND	5
2-Hexanone	ND	10
4-Methyl-2-pentanone	ND	10
Tetrachloroethene	ND	5
1,1,2,2-Tetrachloroethane	ND	5
Toluene	ND	5
Chlorobenzene	ND	5
Ethylbenzene	ND	5
Styrene	ND	5
Total Xylenes	ND	5

SURROGATE RECOVERIES

Analyte	% Recovery	%Rec Limits
1,2-Dichloroethane-d4	97	70 - 121
Toluene-d8	100	81 - 117
Bromofluorobenzene	98	74 - 121

ND = Not Detected
J = Estimated value, analyte found below detection limit

Analytical Technologies, Inc.

VOLATILE ORGANICS

Method 8240

Lab Name: Analytical Technologies, Inc.
Client Name: ATI-NM
Client Project ID: NMED -- 403376
Lab Sample ID: 94-03-139-01

Sample ID: **403376-1**

Date Collected: 03/17/94
Date Analyzed: 03/30/94

Sample Matrix: Soil
Sample Weight: 0.0005 g
Results are reported on a wet weight basis.

Analyte	Results (ug/kg)	Detection Limit (ug/kg)
Chloromethane	ND	100000
Bromomethane	ND	100000
Vinyl chloride	ND	100000
Chloroethane	ND	100000
Methylene chloride	71000 B	50000
Acetone	ND	100000
Carbon disulfide	ND	50000
1,1-Dichloroethene	ND	50000
1,1-Dichloroethane	ND	50000
cis-1,2-Dichloroethene	ND	50000
trans-1,2-Dichloroethene	ND	50000
Chloroform	ND	50000
1,2-Dichloroethane	ND	50000
2-Butanone	ND	100000
1,1,1-Trichloroethane	ND	50000
Carbon tetrachloride	ND	50000
Vinyl acetate	ND	100000
Bromodichloromethane	ND	50000
1,2-Dichloropropane	ND	50000
cis-1,3-Dichloropropene	ND	50000
Trichloroethene	ND	50000
Dibromochloromethane	ND	50000
1,1,2-Trichloroethane	ND	50000
Benzene	ND	50000
trans-1,3-Dichloropropene	ND	50000
Bromoform	ND	50000
2-Hexanone	ND	100000
4-Methyl-2-pentanone	ND	100000
Tetrachloroethene	ND	50000
1,1,2,2-Tetrachloroethane	ND	50000
Toluene	ND	50000
Chlorobenzene	ND	50000
Ethylbenzene	42000 J	50000
Styrene	ND	50000
Total Xylenes	2100000	50000

SURROGATE RECOVERIES

Analyte	% Recovery	%Rec Limits
1,2-Dichloroethane-d4	95	70 - 121
Toluene-d8	100	81 - 117
Bromofluorobenzene	99	74 - 121

ND = Not Detected
B = Analyte found in Blank
J = Estimated value, analyte found below detection limit

Analytical Technologies, Inc.

VOLATILE MATRIX SPIKE RECOVERY

Method 8240

Sample ID

In House

Lab Name: Analytical Technologies, Inc.
Client Name: ATI-NM
Client Project ID: NMED -- 403376
Lab Sample ID: 94-03-179-01

Date Collected: 03/18/94
Date Analyzed: 03/30/94

Sample Matrix: Soil
Sample Weight: 5 g
Results are reported on a wet weight basis.

Analyte	Spike Added (ug/kg)	Sample Concentration (ug/kg)	MS Concentration (ug/kg)	MS % Rec	QC Limit Recovery
1,1-Dichloroethene	50.0	ND	63.9	128	59-172
Trichloroethene	50.0	ND	60.4	121	62-137
Benzene	50.0	ND	60.9	122	60-133
Toluene	50.0	ND	60.1	120	59-139
Chlorobenzene	50.0	ND	60.0	120	66-142

Analyte	Spike Added (ug/kg)	MSD Concentration (ug/kg)	MSD % Recovery	% RPD	QC Limits RPD Rec
1,1-Dichloroethene	50.0	61.1	122	4	22 | 59-172
Trichloroethene	50.0	57.9	116	4	24 | 62-137
Benzene	50.0	56.5	113	7	21 | 60-133
Toluene	50.0	56.4	113	6	21 | 59-139
Chlorobenzene	50.0	56.6	113	6	21 | 66-142

ND = Not Detected

Analytical Technologies, Inc.

SEMIVOLATILE ORGANICS

Method 8270

Sample ID: **Reagent Blank**

Lab Name: Analytical Technologies, Inc.
Client Name: ATI-NM
Client Project: NMED -- 403376
Lab Sample ID.: SRB1 03/22/94

Date Collected: N/A
Date Extracted: 03/22/94
Date Analyzed: 03/28/94

Sample Matrix: Sodium Sulfate
Cleanup: GPC
Results are reported on a wet weight basis.

Sample Weight: 30 g
Final Volume: 1 mL

Analyte	Results (ug/kg)	Detection Limit (ug/kg)
Phenol	ND	330
bis (2-Chloroethyl) ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis (2-Chloroisopropyl) ether	ND	330
4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	330
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1700
bis (2-Chloroethoxy) methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	330
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	330
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	1700
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1700
Dimethyl phthalate	ND	330
Acenaphthylene	ND	330
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	1700
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1700

Analytical Technologies, Inc.

SEMIVOLATILE ORGANICS

Method 8270

Sample ID

403376-1

Lab Name: Analytical Technologies, Inc.
Client Name: ATI-NM
Client Project: NMED -- 403376
Lab Sample ID.: 94-03-139-01

Date Collected: 03/17/94
Date Extracted: 03/22/94
Date Analyzed: 03/28/94

Sample Matrix: Soil
Cleanup: GPC

Sample Weight: 3 g
Final Volume: 10 mL

Results are reported on a wet weight basis.

Analyte	Results (ug/kg)	Detection Limit (ug/kg)
Phenol	ND	33000
bis (2-Chloroethyl) ether	ND	33000
2-Chlorophenol	ND	33000
1,3-Dichlorobenzene	ND	33000
1,4-Dichlorobenzene	ND	33000
Benzyl alcohol	ND	33000
1,2-Dichlorobenzene	ND	33000
2-Methylphenol	ND	33000
bis (2-Chloroisopropyl) ether	ND	33000
4-Methylphenol	ND	33000
N-Nitroso-di-n-propylamine	ND	33000
Hexachloroethane	ND	33000
Nitrobenzene	ND	33000
Isophorone	ND	33000
2-Nitrophenol	ND	33000
2,4-Dimethylphenol	ND	33000
Benzoic acid	ND	170000
bis (2-Chloroethoxy) methane	ND	33000
2,4-Dichlorophenol	ND	33000
1,2,4-Trichlorobenzene	ND	33000
Naphthalene	64000	33000
4-Chloroaniline	ND	33000
Hexachlorobutadiene	ND	33000
4-Chloro-3-methylphenol	ND	33000
2-Methylnaphthalene	82000	33000
Hexachlorocyclopentadiene	ND	33000
2,4,6-Trichlorophenol	ND	33000
2,4,5-Trichlorophenol	ND	170000
2-Chloronaphthalene	ND	33000
2-Nitroaniline	ND	170000
Dimethyl phthalate	ND	33000
Acenaphthylene	ND	33000
2,6-Dinitrotoluene	ND	33000
3-Nitroaniline	ND	170000
Acenaphthene	ND	33000
2,4-Dinitrophenol	ND	170000

Analytical Technologies, Inc.

SEMIVOLATILE ORGANICS

Method 8270

Lab Name: Analytical Technologies, Inc.
Lab Sample ID.: 94-03-139-01

Sample ID
403376-1

Analyte	Results (ug/kg)	Detection Limit (ug/kg)
4-Nitrophenol	ND	170000
Dibenzofuran	ND	33000
2,4-Dinitrotoluene	ND	33000
Diethyl phthalate	ND	33000
4-Chlorophenyl phenyl ether	ND	33000
Fluorene	ND	33000
4-Nitroaniline	ND	170000
4,6-Dinitro-2-methylphenol	ND	170000
N-Nitrosodiphenylamine	ND	33000
4-Bromophenyl phenyl ether	ND	33000
Hexachlorobenzene	ND	33000
Pentachlorophenol	ND	170000
Phenanthrene	8600 J	33000
Anthracene	ND	33000
Di-n-butyl phthalate	64000	33000
Fluoranthene	ND	33000
Pyrene	ND	33000
Butyl benzyl phthalate	ND	33000
3,3'-Dichlorobenzidine	ND	67000
Benzo(a)anthracene	ND	33000
Chrysene	ND	33000
Bis(2-ethylhexyl)phthalate	1100000 E	33000
Di-n-octyl phthalate	23000 J	33000
Benzo(b)fluoranthene	ND	33000
Benzo(k)fluoranthene	ND	33000
Benzo(a)pyrene	ND	33000
Indeno(1,2,3-cd)pyrene	ND	33000
Dibenz(a,h)anthracene	ND	33000
Benzo(g,h,i)perylene	ND	33000

SURROGATE RECOVERIES

Analyte	% Recovery	% Rec Limits
2-Fluorophenol	17*	25-121
Phenol-d5	28	24-113
Nitrobenzene-d5	77	23-120
2-Fluorobiphenyl	49	30-115
2,4,6-Tribromophenol	ND*	19-122
Terphenyl-d14	54	18-137

ND = Not Detected
J = Estimated value, analyte found below detection limit
E = Exceeds calibration curve
* = Outside QC Limits

Analytical Technologies, Inc.

SEMIVOLATILE ORGANICS

Method 8270

Sample ID: **403376-1 DL**

Lab Name: Analytical Technologies, Inc.
Client Name: ATI-NM
Client Project: NMED -- 403376
Lab Sample ID.: 94-03-139-01 DL

Date Collected: 03/17/94
Date Extracted: 03/22/94
Date Analyzed: 03/28/94

Sample Matrix: Soil
Cleanup: GPC
Results are reported on a wet weight basis.

Sample Weight: 3 g
Final Volume: 100 mL

Analyte	Results (ug/kg)	Detection Limit (ug/kg)
Phenol	ND	330000
bis (2-Chloroethyl) ether	ND	330000
2-Chlorophenol	ND	330000
1,3-Dichlorobenzene	ND	330000
1,4-Dichlorobenzene	ND	330000
Benzyl alcohol	ND	330000
1,2-Dichlorobenzene	ND	330000
2-Methylphenol	ND	330000
bis (2-Chloroisopropyl) ether	ND	330000
4-Methylphenol	ND	330000
N-Nitroso-di-n-propylamine	ND	330000
Hexachloroethane	ND	330000
Nitrobenzene	ND	330000
Isophorone	ND	330000
2-Nitrophenol	ND	330000
2,4-Dimethylphenol	ND	330000
Benzoic acid	ND	1700000
bis (2-Chloroethoxy) methane	ND	330000
2,4-Dichlorophenol	ND	330000
1,2,4-Trichlorobenzene	ND	330000
Naphthalene	ND	330000
4-Chloroaniline	ND	330000
Hexachlorobutadiene	ND	330000
4-Chloro-3-methylphenol	ND	330000
2-Methylnaphthalene	76000 J	330000
Hexachlorocyclopentadiene	ND	330000
2,4,6-Trichlorophenol	ND	330000
2,4,5-Trichlorophenol	ND	1700000
2-Chloronaphthalene	ND	330000
2-Nitroaniline	ND	1700000
Dimethyl phthalate	ND	330000
Acenaphthylene	ND	330000
2,6-Dinitrotoluene	ND	330000
3-Nitroaniline	ND	1700000
Acenaphthene	ND	330000
2,4-Dinitrophenol	ND	1700000

Analytical Technologies, Inc.

SEMIVOLATILE ORGANICS

Method 8270

Lab Name: Analytical Technologies, Inc.
Lab Sample ID.: 94-03-139-01 DL

Sample ID
403376-1 DL

Analyte	Results (ug/kg)	Detection Limit (ug/kg)
4-Nitrophenol	ND	1700000
Dibenzofuran	ND	330000
2,4-Dinitrotoluene	ND	330000
Diethyl phthalate	ND	330000
4-Chlorophenyl phenyl ether	ND	330000
Fluorene	ND	330000
4-Nitroaniline	ND	1700000
4,6-Dinitro-2-methylphenol	ND	1700000
N-Nitrosodiphenylamine	ND	330000
4-Bromophenyl phenyl ether	ND	330000
Hexachlorobenzene	ND	330000
Pentachlorophenol	ND	1700000
Phenanthrene	ND	330000
Anthracene	ND	330000
Di-n-butyl phthalate	ND	330000
Fluoranthene	ND	330000
Pyrene	ND	330000
Butyl benzyl phthalate	ND	330000
3,3'-Dichlorobenzidine	ND	670000
Benzo(a)anthracene	ND	330000
Chrysene	ND	330000
Bis(2-ethylhexyl)phthalate	2200000	330000
Di-n-octyl phthalate	ND	330000
Benzo(b)fluoranthene	ND	330000
Benzo(k)fluoranthene	ND	330000
Benzo(a)pyrene	ND	330000
Indeno(1,2,3-cd)pyrene	ND	330000
Dibenz(a,h)anthracene	ND	330000
Benzo(g,h,i)perylene	ND	330000

SURROGATE RECOVERIES

Analyte	% Recovery	% Rec Limits
2-Fluorophenol	D	25-121
Phenol-d5	D	24-113
Nitrobenzene-d5	D	23-120
2-Fluorobiphenyl	D	30-115
2,4,6-Tribromophenol	D	19-122
Terphenyl-d14	D	18-137

ND = Not Detected
DL = Dilution
J = Estimated value, analyte found below detection limit
D = Diluted out

Analytical **Technologies,** Inc.

SEMIVOLATILE ORGANICS BLANK SPIKE RESULTS

Method 8270

Sample ID
Blank Spike

Lab Name: Analytical Technologies, Inc.
Client Name: ATI-NM
Client Project: NMED -- 403376
Lab Sample ID: SBS1 03/22/94

Date Collected: N/A
Date Extracted: 03/22/94
Date Analyzed: 03/28/94

Sample Matrix: Sodium Sulfate
Cleanup: GPC
Results are reported on a wet weight basis.

Sample Weight: 30 g
Final Volume: 1 mL

Analyte	Spike Added (ug/kg)	Sample Concentration (ug/kg)	BS Concentration (ug/kg)	BS % Rec	QC Limit Recovery
Phenol	2500	N/A	1310	52	26- 90
2-Chlorophenol	2500	N/A	1220	49	25-102
1,4-Dichlorobenzene	1670	N/A	787	47	28-104
N-Nitroso-di-n-propylamine	1670	N/A	975	58	41-126
1,2,4-Trichlorobenzene	1670	N/A	721	43	38-107
4-Chloro-3-methylphenol	2500	N/A	1140	46	26-103
Acenaphthene	1670	N/A	782	47	31-137
4-Nitrophenol	2500	N/A	1310	52	11-114
2,4-Dinitrotoluene	1670	N/A	901	54	28- 89
Pentachlorophenol	2500	N/A	1250	50	17-109
Pyrene	1670	N/A	601	36	35-142

Analyte	Spike Added (ug/kg)	BSD Concentration (ug/kg)	BSD % REC #	% RPD	QC LIMITS RPD REC.
Phenol	2500	1040	42	23	35 | 26-90
2-Chlorophenol	2500	968	39	23	50 | 25-102
1,4-Dichlorobenzene	1670	648	39	19	27 | 28-104
N-Nitroso-di-n-propylamine	1670	807	48	19	38 | 41-126
1,2,4-Trichlorobenzene	1670	600	36*	18	23 | 38-107
4-Chloro-3-methylphenol	2500	973	39	16	33 | 26-103
Acenaphthene	1670	663	40	16	19 | 31-137
4-Nitrophenol	2500	1040	42	23	50 | 11-114
2,4-Dinitrotoluene	1670	750	45	18	47 | 28-89
Pentachlorophenol	2500	1040	42	18	47 | 17-109
Pyrene	1670	905	54	40*	36 | 35-142

N/A = Not Applicable
* = Outside QC Limits

Analytical Technologies, Inc.

TCLP METALS

Sample ID

TCLP Blank

Lab Name: Analytical Technologies, Inc.

Client Name: ATI-NM

Client Project ID: NMED -- 403376

Date Collected: N/A

Lab Sample ID: RB 94-03-139

Prep Date: 03/23/94

Sample Matrix: TCLP Leachate

Date Analyzed: 03/23,25/94

EPA HW Number	CAS Number	Analyte	Method	Concentration (mg/L)	Detection Limit (mg/L)
D004	7440-38-2	Arsenic	6010	ND	0.06
D005	7440-39-3	Barium	6010	ND	1
D006	7440-43-9	Cadmium	6010	ND	0.005
D007	7440-47-3	Chromium	6010	ND	0.01
D008	7439-92-1	Lead	6010	ND	0.05
D009	7439-97-6	Mercury	7470	ND	0.002
D010	7782-49-2	Selenium	6010	ND	0.1
D011	7440-22-4	Silver	6010	ND	0.01

ND= Not Detected

Analytical Technologies, Inc.

TCLP METALS

Sample ID

403376-1

Lab Name: Analytical Technologies, Inc.

Client Name: ATI-NM

Client Project ID: NMED -- 403376

Lab Sample ID: 94-03-139-01

Sample Matrix: TCLP Leachate

Date Collected: 03/17/94

Prep Date: 03/23/94

Date Analyzed: 03/23,25/94

EPA HW Number	CAS Number	Analyte	Method	Concentration (mg/L)	Detection Limit (mg/L)
D004	7440-38-2	Arsenic	6010	ND	0.06
D005	7440-39-3	Barium	6010	ND	1
D006	7440-43-9	Cadmium	6010	ND	0.005
D007	7440-47-3	Chromium	6010	0.03	0.01
D008	7439-92-1	Lead	6010	ND	0.05
D009	7439-97-6	Mercury	7470	ND	0.002
D010	7782-49-2	Selenium	6010	ND	0.1
D011	7440-22-4	Silver	6010	ND	0.01

ND = Not Detected

Analytical Technologies, Inc.

TCLP METALS MATRIX SPIKE

Sample ID

In House

Lab Name: Analytical Technologies, Inc.

Prep Date: 03/23/94

Client Name: ATI-NM

Date Analyzed: 03/25/94

Lab Sample ID: 94-03-124-01

Sample Matrix: TCLP Leachate

Analyte	Spike Added (mg/L)	Sample Concentration (mg/L)	MS Concentration (mg/L)	MS Percent Recovery
Arsenic	2.0	< 0.06	2.0	100
Barium	2	2	4	100
Cadmium	0.050	< 0.005	0.046	92
Chromium	0.20	< 0.01	0.17	85
Lead	0.50	< 0.05	0.46	92
Selenium	2.0	< 0.1	2.2	110
Silver	0.20	< 0.01	0.18	90

Analyte	MSD Concentration (mg/L)	MSD Percent Recovery	RPD %
Arsenic	2.0	100	0
Barium	4	100	0
Cadmium	0.047	94	2
Chromium	0.17	85	0
Lead	0.46	92	0
Selenium	2.3	115	4
Silver	0.18	90	0

Analytical Technologies, Inc. TCLP METALS MATRIX SPIKE

Sample ID

In House

Lab Name: Analytical Technologies, Inc.

Prep Date: 03/23/94

Client Name: ATI-NM

Date Analyzed: 03/23/94

Lab Sample ID: 94-03-155-01

Sample Matrix: TCLP Leachate

Analyte	Spike Added (mg/L)	Sample Concentration (mg/L)	MS Concentration (mg/L)	MS Percent Recovery
Mercury	0.020	< 0.002	0.023	115

Analyte	MSD Concentration (mg/L)	MSD Percent Recovery	RPD %
Mercury	0.023	115	0

Analytical**Technologies,**Inc., Albuquerque, NM
San Diego • Phoenix • Seattle • Pensacola • Ft. Collins • Portland • Albuquerque

CHAIN OF CUSTODY

DATE: 3/17/94 PAGE 1 OF 1

ATI LAB I.D. 4033760

PLEASE FILL THIS FORM IN COMPLETELY. SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER: JIM SEUBERT

COMPANY: NMED - HRMB - RCRA INSP.
ADDRESS: P.O. BOX 26110
SANTA FE, NM 87502
PHONE: 505-827-4308
FAX:

BILL TO:
COMPANY:
ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID
01-F215014-A	3/17/94	9:15	SOIL	01

	Petroleum Hydrocarbons (418.1)	Diesel/Gasoline/BTXE/MTBE (MOD 8015/8020) (MOD 8015) Gas/Diesel	BTXE/MTBE (8020)	Chlorinated Hydrocarbons (601/8010)	Aromatic Hydrocarbons (602/8020)	SDWA Volatiles (502.1/503.1), 502.2 Reg. & Unreg.	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)	SDWA Primary Standards - Arizona	SDWA Secondary Standards - Arizona	SDWA Primary Standards - Federal	SDWA Secondary Standards - Federal	The 13 Priority Pollutant Metals	RCRA Metals by Total Digestion	RCRA Metals by TCLP (1311)	NUMBER OF CONTAINERS
01-F215014-A									X	X	IGNITABILITY X							X	1

PROJECT INFORMATION

PROJ. NO.: KAFB
PROJ. NAME:
P.O. NO.:
SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS	1
CUSTODY SEALS	(Y) N / NA
RECEIVED INTACT	Y
RECEIVED COLD	Y

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☐ 2 WEEK

Comments:

SAMPLED & RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: Time: 12:50 PM	Signature: Time:	Signature: Time:
Printed Name: JIM SEUBERT Date: 3/17/94	Printed Name: Date:	Printed Name: Date:
Company: NMED Phone: 827-4308	Company:	Company:

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY:(LAB) 3.
Signature: Time:	Signature: Time:	Signature: Time: 1250
Printed Name: Date:	Printed Name: Date:	Printed Name: Date: 3/17/94
Company:	Company:	Analytical Technologies, Inc.

ATI Labs: San Diego (619) 458-9141 • Phoenix (602) 496-4400 • Seattle (206) 228-8335 • Pensacola (904) 474-1001 • Portland (503) 684-0447 • Albuquerque (505) 344-3777 DISTRIBUTION: White, Canary - ATI • Pink - ORIGINATOR

Analytical**Technologies,**Inc. Albuquerque, NM

Chain of Custody

DATE 3/17/94 PAGE 1 OF 1

NETWORK PROJECT MANAGER: BETH PROFFITT

COMPANY: **Analytical Technologies, Inc.**
ADDRESS: 2709-D Pan American Freeway, NE
Albuquerque, NM 87107

CLIENT PROJECT MANAGER:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	TOX	TOC	ORGANIC LEAD	SULFIDE	SURFACTANTS (MBAS)	632/632 MOD	619/619 MOD	610/8310	8240 (TCLP 1311) ZHE	Diesel/Gasoline/BTXE/MTBE/ (MOD 8015/8020)	Volatile Organics GC/MS (624/8240)	NACE	ASBESTOS	BOD	TOTAL COLIFORM	FECAL COLIFORM	GROSS ALPHA/BETA	RADIUM 226/228	AIR - O2, CO2, METHANE	AIR/Diesel/Gasoline/BTXE/ (MOD 8015/8020)	NUMBER OF CONTAINERS
403376-1	3/17/94	0915	non-aq	01									+	X	X		X								1-EX

RCRA Details by TCLP

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJECT NUMBER:	403376	TOTAL NUMBER OF CONTAINERS	1
PROJECT NAME:	NMED	CHAIN OF CUSTODY SEALS	
QC LEVEL:	STD. IV	INTACT?	Y
QC REQUIRED:	MS MSD BLANK	RECEIVED GOOD COND./COLD	Y/N
TAT:	STANDARD RUSH!	LAB NUMBER	94-03-139

DUE DATE: 3/31/94
RUSH SURCHARGE:
CLIENT DISCOUNT: 15 %

W.O.#LK598

SAMPLES SENT TO:
SAN DIEGO
FT. COLLINS X
RENTON
PENSACOLA
PHOENIX
BARRINGER
FIBERQUANT

RELINQUISHED BY: 1.
Signature: Time: 1730
Printed Name: Date: 3/17/94
Analytical Technologies, Inc. Albuquerque
RECEIVED BY: (LAB) 1.
Signature: Time:
Printed Name: Date:
Company: AIRBORNE

RELINQUISHED BY: 2.
Signature: Time:
Printed Name: Date:
Company: AIRBORNE
RECEIVED BY: (LAB) 2.
Signature: Time: 10:25a
Printed Name: Date: 3/18/94
DEBI BUDDICK
Company: ATI