



Analytical **Technologies**, Inc.

2709-D Pan American Freeway, NE Albuquerque, NM 87107
Phone (505) 344-3777 FAX (505) 344-4413

TA 35

ATI I.D. 212304

December 22, 1992

NM Environment Department
P.O. Box 26110
Santa Fe, NM 87502-6110

Project Name/Number: TA-35-125

Attention: Teri Davis

On 12/01/92, Analytical Technologies, Inc. received a request to analyze soil 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.

EPA Method 8260 analyses were performed by ATI, Pensacola.

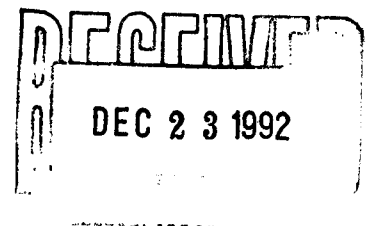
EPA Method 8270 and Metals analyses were performed by ATI, Phoenix.

The Antimony quality control spike for sample PF-35-6 did not meet ATI acceptance criteria. Redigestion and reanalyses confirmed the matrix interference.

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

Elizabeth Proffitt
Laboratory Manager

EP:td
Enclosure





Analytical **Technologies**, Inc.

CLIENT : NM ENVIRONMENT DEPARTMENT
 PROJECT # : (NONE)
 PROJECT NAME: TA-35-125

DATE RECEIVED: 12/02/92
 REPORT DATE : 12/22/92

ATI I.D.: 212304

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	PF-35-1	SOIL	12/01/92
02	PF-35-2	SOIL	12/01/92
03	PF-35-3	SOIL	12/01/92
04	PF-35-4	SOIL	12/01/92
05	PF-35-5	SOIL	12/01/92
06	PF-35-6	SOIL	12/01/92
07	PF-35-7	SOIL	12/01/92
08	PF-35-8	SOIL	12/01/92

-----TOTALS-----

MATRIX	# SAMPLES
SOIL	8

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.

METALS RESULTS

ATI I.D. : 212304

CLIENT : NEW MEXICO ENVIRONMENTAL DEPT.
PROJECT # : (NONE)
PROJECT NAME : TA-35-125

DATE RECEIVED : 12/01/92

REPORT DATE : 12/22/92

PARAMETER	UNITS	03	06	07
SILVER (EPA 6010)	MG/KG	<0.5	<0.5	<0.5
ARSENIC (EPA 6010)	MG/KG	<5	<5	<5
BARIUM (EPA 6010)	MG/KG	23.8	40.0	37.4
BERYLLIUM (EPA 6010)	MG/KG	<0.3	<0.3	<0.3
CADMIUM (EPA 6010)	MG/KG	<0.3	<0.3	<0.3
CHROMIUM (EPA 6010)	MG/KG	<0.5	3.5	1.2
MERCURY (EPA 7470)	MG/KG	<0.1	<0.1	<0.1
NICKEL (EPA 6010)	MG/KG	1.8	4.1	3.0
LEAD (EPA 6010)	MG/KG	5	<5	6
ANTIMONY (EPA 6010)	MG/KG	<3	<3	<3
SELENIUM (EPA 6010)	MG/KG	<5	<5	<5



Analytical Technologies, Inc.

METALS - QUALITY CONTROL

CLIENT : NEW MEXICO ENVIRONMENTAL DEPT.
 PROJECT # : (NONE)
 PROJECT NAME : TA-35-125

ATI I.D. : 212304

PARAMETER	UNITS	ATI I.D.	SAMPLE RESULT	DUP. RESULT	RPD	SPIKED SAMPLE	SPIKE CONC	% REC
SILVER	MG/KG	21230406	<0.5	<0.5	NA	22.4	25.0	90
ARSENIC	MG/KG	21230406	<5	<5	NA	45	50	90
BARIUM	MG/KG	21230406	40.0	36.6	9	86.0	50.0	92
BERYLLIUM	MG/KG	21230406	<0.3	<0.3	NA	21.7	25.0	87
CADMIUM	MG/KG	21230406	<0.3	<0.3	NA	22.6	25.0	90
CHROMIUM	MG/KG	21230406	3.5	3.4	3	45.6	50.0	84
MERCURY	MG/KG	21230407	<0.1	<0.1	NA	2.6	2.5	104
NICKEL	MG/KG	21230406	4.1	3.7	10	48.8	50.0	89
LEAD	MG/KG	21230406	<5	6	NA	52	50	104
ANTIMONY	MG/KG	21230406	<3	<3	NA	35	50	70*
SELENIUM	MG/KG	21230406	<5	<5	NA	45	50	90

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

* Result out of limits due to sample matrix interference



Analytical Technologies, Inc.

GAS CHROMATOGRAPHY RESULTS/MASS SPECTROSCOPY RESULTS

TEST : EPA 8260 (GC/MS FOR VOLATILE ORGANICS)
 CLIENT : NM ENVIRONMENT DEPARTMENT ATI I.D.: 212304
 PROJECT # : (NONE)
 PROJECT NAME: TA-35-125

SAMPLE I.D. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
01	PF-35-1	SOIL	12/01/92	NA	12/10/92
02	PF-35-2	SOIL	12/01/92	NA	12/11/92
03	PF-35-3	SOIL	12/01/92	NA	12/11/92

PARAMETER	UNITS	01	02	03
ACETONE	UG/KG	<10	<42	<45
ACROLEIN	UG/KG	<7	<30	<32
ACRYLONITRILE	UG/KG	<14	<59	<64
BENZENE	UG/KG	<2	<8.5	<9
BROMOBENZENE	UG/KG	<2	<8.5	<9
BROMOCHLOROMETHANE	UG/KG	<3	<13	<14
BROMODICHLOROMETHANE	UG/KG	<2	<8.5	<9
BROMOFORM	UG/KG	<2	<8.5	<9
BROMOMETHANE	UG/KG	<3	<13	<14
CARBON DISULFIDE	UG/KG	<3	<13	<14
CARBON TETRACHLORIDE	UG/KG	<1	<4	<4.5
CHLOROBENZENE	UG/KG	<1	<4	<4.5
CHLOROETHANE	UG/KG	<6	<25	<27
CHLOROFORM	UG/KG	<3	<13	<14
CHLOROMETHANE	UG/KG	<5	<21	<23
CIS-1,2-DICHLOROETHENE	UG/KG	<3	<13	<14
CIS-1,3-DICHLOROPROPENE	UG/KG	<2	<8.5	<9
DIBROMOCHLOROMETHANE	UG/KG	<2	<8.5	<9
DIBROMOMETHANE	UG/KG	<3	<13	<14
DICHLORODIFLUOROMETHANE	UG/KG	<3	<13	<14
ETHYLBENZENE	UG/KG	<1	<4	<4.5
HEXACHLOROBUTADIENE	UG/KG	<3	<13	<14
IODOMETHANE	UG/KG	<2	<8.5	<9
ISOPROPYLBENZENE	UG/KG	<2	<8.5	<9
METHYLENE CHLORIDE	UG/KG	<7	33	35
M,P-XYLENE	UG/KG	<2	<8.5	<9
NAPHTHALENE	UG/KG	<2	<8.5	<9
N-BUTYLBENZENE	UG/KG	<2	<8.5	<9
N-PROPYLBENZENE	UG/KG	<2	<8.5	<9
O-XYLENE	UG/KG	<1	<4	<4.5
P-ISOPROPYLTOLUENE	UG/KG	<2	<8.5	<9
SEC-BUTYLBENZENE	UG/KG	<2	<8.5	<9

GAS CHROMATOGRAPHY RESULTS/MASS SPECTROSCOPY RESULTS

TEST : EPA 8260 (GC/MS FOR VOLATILE ORGANICS)
 CLIENT : NM ENVIRONMENT DEPARTMENT ATI I.D.: 212304
 PROJECT # : (NONE)
 PROJECT NAME: TA-35-125

SAMPLE I.D. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
01	PF-35-1	SOIL	12/01/92	NA	12/10/92
02	PF-35-2	SOIL	12/01/92	NA	12/11/92
03	PF-35-3	SOIL	12/01/92	NA	12/11/92

PARAMETER	UNITS	01	02	03
STYRENE	UG/KG	<1	<4	<4.5
TERT-BUTYLBENZENE	UG/KG	<2	<8.5	<9
TETRACHLOROETHENE	UG/KG	<2	<8.5	<9
TOLUENE	UG/KG	<1	8.1	12
TRANS-1,2-DICHLOROETHENE	UG/KG	<3	<13	<14
TRANS-1,3-DICHLOROPROPENE	UG/KG	<2	<8.5	<9
TRICHLOROETHENE	UG/KG	<1	<4	<4.5
TRICHLOROFLUOROMETHANE	UG/KG	<2	<8.5	<9
VINYL ACETATE	UG/KG	<5	<21	<23
VINYL CHLORIDE	UG/KG	<3	<13	<14
1,2-DICHLOROETHANE	UG/KG	<2	<8.5	<9
1,1-DICHLOROETHENE	UG/KG	<3	<13	<14
1,1-DICHLOROETHANE	UG/KG	<3	<13	<14
1,1-DICHLOROPROPENE	UG/KG	<1	<4	<4.5
1,1,1-TRICHLOROETHANE	UG/KG	<2	<8.5	<9
1,1,1,2-TETRACHLOROETHANE	UG/KG	<2	<8.5	<9
1,1,2-TRICHLOROETHANE	UG/KG	<2	<8.5	<9
1,1,2,2-TETRACHLOROETHANE	UG/KG	<3	<13	<14
1,2-DIBROMOETHANE	UG/KG	<2	<8.5	<9
1,2-DIBROMO-3-CHLOROPROPANE	UG/KG	<3	<13	<14
1,2-DICHLOROBENZENE	UG/KG	<2	<8.5	<9
1,2-DICHLOROPROPANE	UG/KG	<2	<8.5	<9
1,2,3-TRICHLOROBENZENE	UG/KG	<2	<8.5	<9
1,2,3-TRICHLOROPROPANE	UG/KG	<3	<13	<14
1,2,4-TRICHLOROBENZENE	UG/KG	<2	<8.5	<9
1,2,4-TRIMETHYLBENZENE	UG/KG	<2	<8.5	<9
1,3-DICHLOROBENZENE	UG/KG	<2	<8.5	<9
1,3-DICHLOROPROPANE	UG/KG	<2	<8.5	<9
1,3,5-TRIMETHYLBENZENE	UG/KG	<2	<8.5	<9
1,4-DICHLOROBENZENE	UG/KG	<2	<8.5	<9
2-BUTANONE	UG/KG	<10	<42	<45
2-CHLOROTOLUENE	UG/KG	<2	<8.5	<9
2-HEXANONE	UG/KG	<10	<42	<45



Analytical **Technologies**, Inc.

GAS CHROMATOGRAPHY RESULTS/MASS SPECTROSCOPY RESULTS

TEST : EPA 8260 (GC/MS FOR VOLATILE ORGANICS)
 CLIENT : NM ENVIRONMENT DEPARTMENT ATI I.D.: 212304
 PROJECT # : (NONE)
 PROJECT NAME: TA-35-125

SAMPLE I.D. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
01	PF-35-1	SOIL	12/01/92	NA	12/10/92
02	PF-35-2	SOIL	12/01/92	NA	12/11/92
03	PF-35-3	SOIL	12/01/92	NA	12/11/92

PARAMETER	UNITS	01	02	03
2,2-DICHLOROPROPANE	UG/KG	<3	<13	<14
4-CHLOROTOLUENE	UG/KG	<2	<8.5	<9
4-METHYL-2-PENTANONE	UG/KG	<10	<42	<45

SURROGATES:

DIBROMOFLUOROMETHANE	%	104	116	118
TOLUENE-D8	%	100	93	87
4-BROMOFLUOROBENZENE	%	109	116	124

GAS CHROMATOGRAPHY RESULTS/MASS SPECTROSCOPY RESULTS

TEST : EPA 8260 (GC/MS FOR VOLATILE ORGANICS)
 CLIENT : NM ENVIRONMENT DEPARTMENT ATI I.D.: 212304
 PROJECT # : (NONE)
 PROJECT NAME: TA-35-125

SAMPLE I.D. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
04	PF-35-4	SOIL	12/01/92	NA	12/11/92
05	PF-35-5	SOIL	12/01/92	NA	12/11/92
06	PF-35-6	SOIL	12/01/92	NA	12/11/92

PARAMETER	UNITS	04	05	06
ACETONE	UG/KG	<45	<45	<45
ACROLEIN	UG/KG	<32	<32	<32
ACRYLONITRILE	UG/KG	<64	<64	<64
BENZENE	UG/KG	<9	<9	<9
BROMOBENZENE	UG/KG	<9	<9	<9
BROMOCHLOROMETHANE	UG/KG	<14	<14	<14
BROMODICHLOROMETHANE	UG/KG	<9	<9	<9
BROMOFORM	UG/KG	<9	<9	<9
BROMOMETHANE	UG/KG	<14	<14	<14
CARBON DISULFIDE	UG/KG	<14	<14	<14
CARBON TETRACHLORIDE	UG/KG	<4.5	<4.5	<4.5
CHLOROBENZENE	UG/KG	<4.5	<4.5	<4.5
CHLOROETHANE	UG/KG	<27	<27	<27
CHLOROFORM	UG/KG	<14	<14	<14
CHLOROMETHANE	UG/KG	<23	<23	<23
CIS-1,2-DICHLOROETHENE	UG/KG	<14	<14	<14
CIS-1,3-DICHLOROPROPENE	UG/KG	<9	<9	<9
DIBROMOCHLOROMETHANE	UG/KG	<9	<9	<9
DIBROMOMETHANE	UG/KG	<14	<14	<14
DICHLORODIFLUOROMETHANE	UG/KG	<14	<14	<14
ETHYLBENZENE	UG/KG	<4.5	<4.5	<4.5
HEXACHLOROBUTADIENE	UG/KG	<14	<14	<14
IODOMETHANE	UG/KG	<9	<9	<9
ISOPROPYLBENZENE	UG/KG	<9	<9	<9
METHYLENE CHLORIDE	UG/KG	36	<32	<32
M,P-XYLENE	UG/KG	<9	<9	<9
NAPHTHALENE	UG/KG	<9	<9	<9
N-BUTYLBENZENE	UG/KG	<9	<9	<9
N-PROPYLBENZENE	UG/KG	<9	<9	<9
O-XYLENE	UG/KG	<4.5	<4.5	<4.5
P-ISOPROPYLTOLUENE	UG/KG	<9	<9	<9
SEC-BUTYLBENZENE	UG/KG	<9	<9	<9

GAS CHROMATOGRAPHY RESULTS/MASS SPECTROSCOPY RESULTS

TEST : EPA 8260 (GC/MS FOR VOLATILE ORGANICS)
 CLIENT : NM ENVIRONMENT DEPARTMENT ATI I.D.: 212304
 PROJECT # : (NONE)
 PROJECT NAME: TA-35-125

SAMPLE I.D. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
04	PF-35-4	SOIL	12/01/92	NA	12/11/92
05	PF-35-5	SOIL	12/01/92	NA	12/11/92
06	PF-35-6	SOIL	12/01/92	NA	12/11/92

PARAMETER	UNITS	04	05	06
STYRENE	UG/KG	<4.5	<4.5	<4.5
TERT-BUTYLBENZENE	UG/KG	<9	<9	<9
TETRACHLOROETHENE	UG/KG	<9	<9	<9
TOLUENE	UG/KG	12	5.1	<4.5
TRANS-1,2-DICHLOROETHENE	UG/KG	<14	<14	<14
TRANS-1,3-DICHLOROPROPENE	UG/KG	<9	<9	<9
TRICHLOROETHENE	UG/KG	<4.5	<4.5	<4.5
TRICHLOROFLUOROMETHANE	UG/KG	<9	<9	<9
VINYL ACETATE	UG/KG	<23	<23	<23
VINYL CHLORIDE	UG/KG	<14	<14	<14
1,2-DICHLOROETHANE	UG/KG	<9	<9	<9
1,1-DICHLOROETHENE	UG/KG	<14	<14	<14
1,1-DICHLOROETHANE	UG/KG	<14	<14	<14
1,1-DICHLOROPROPENE	UG/KG	<4.5	<4.5	<4.5
1,1,1-TRICHLOROETHANE	UG/KG	<9	<9	<9
1,1,1,2-TETRACHLOROETHANE	UG/KG	<9	<9	<9
1,1,2-TRICHLOROETHANE	UG/KG	<9	<9	<9
1,1,2,2-TETRACHLOROETHANE	UG/KG	<14	<14	<14
1,2-DIBROMOETHANE	UG/KG	<9	<9	<9
1,2-DIBROMO-3-CHLOROPROPANE	UG/KG	<14	<14	<14
1,2-DICHLOROBENZENE	UG/KG	<9	<9	<9
1,2-DICHLOROPROPANE	UG/KG	<9	<9	<9
1,2,3-TRICHLOROBENZENE	UG/KG	<9	<9	<9
1,2,3-TRICHLOROPROPANE	UG/KG	<14	<14	<14
1,2,4-TRICHLOROBENZENE	UG/KG	<9	<9	<9
1,2,4-TRIMETHYLBENZENE	UG/KG	<9	<9	<9
1,3-DICHLOROBENZENE	UG/KG	<9	<9	<9
1,3-DICHLOROPROPANE	UG/KG	<9	<9	<9
1,3,5-TRIMETHYLBENZENE	UG/KG	<9	<9	<9
1,4-DICHLOROBENZENE	UG/KG	<9	<9	<9
2-BUTANONE	UG/KG	<45	<45	<45
2-CHLOROTOLUENE	UG/KG	<9	<9	<9
2-HEXANONE	UG/KG	<45	<45	<45



Analytical **Technologies**, Inc.

GAS CHROMATOGRAPHY RESULTS/MASS SPECTROSCOPY RESULTS

TEST : EPA 8260 (GC/MS FOR VOLATILE ORGANICS)
 CLIENT : NM ENVIRONMENT DEPARTMENT ATI I.D.: 212304
 PROJECT # : (NONE)
 PROJECT NAME: TA-35-125

SAMPLE I.D. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
04	PF-35-4	SOIL	12/01/92	NA	12/11/92
05	PF-35-5	SOIL	12/01/92	NA	12/11/92
06	PF-35-6	SOIL	12/01/92	NA	12/11/92

PARAMETER	UNITS	04	05	06
2,2-DICHLOROPROPANE	UG/KG	<14	<14	<14
4-CHLOROTOLUENE	UG/KG	<9	<9	<9
4-METHYL-2-PENTANONE	UG/KG	<45	<45	<45

SURROGATES:

DIBROMOFLUOROMETHANE	%	115	99	95
TOLUENE-D8	%	90	103	97
4-BROMOFLUOROBENZENE	%	128	109	103

GAS CHROMATOGRAPHY RESULTS/MASS SPECTROSCOPY RESULTS

TEST : EPA 8260 (GC/MS FOR VOLATILE ORGANICS)
 CLIENT : NM ENVIRONMENT DEPARTMENT ATI I.D.: 212304
 PROJECT # : (NONE)
 PROJECT NAME: TA-35-125

SAMPLE I.D. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
07	PF-35-7	SOIL	12/01/92	NA	12/11/92
08	PF-35-8	SOIL	12/01/92	NA	12/12/92

PARAMETER	UNITS	07	08
ACETONE	UG/KG	<43	<50
ACROLEIN	UG/KG	<30	<35
ACRYLONITRILE	UG/KG	<61	<70
BENZENE	UG/KG	<9	<10
BROMOBENZENE	UG/KG	<9	<10
BROMOCHLOROMETHANE	UG/KG	<13	<15
BROMODICHLOROMETHANE	UG/KG	<9	<10
BROMOFORM	UG/KG	<9	<10
BROMOMETHANE	UG/KG	<13	<15
CARBON DISULFIDE	UG/KG	<13	<15
CARBON TETRACHLORIDE	UG/KG	<4	<5
CHLOROBENZENE	UG/KG	<4	<5
CHLOROETHANE	UG/KG	<26	<30
CHLOROFORM	UG/KG	<13	<15
CHLOROMETHANE	UG/KG	<22	<25
CIS-1,2-DICHLOROETHENE	UG/KG	<13	<15
CIS-1,3-DICHLOROPROPENE	UG/KG	<9	<10
DIBROMOCHLOROMETHANE	UG/KG	<9	<10
DIBROMOMETHANE	UG/KG	<13	<15
DICHLORODIFLUOROMETHANE	UG/KG	<13	<15
ETHYLBENZENE	UG/KG	<4	<5
HEXACHLOROBUTADIENE	UG/KG	<13	<15
IODOMETHANE	UG/KG	<9	<10
ISOPROPYLBENZENE	UG/KG	<9	<10
METHYLENE CHLORIDE	UG/KG	<30	<35
M,P-XYLENE	UG/KG	<9	<10
NAPHTHALENE	UG/KG	<9	<10
N-BUTYLBENZENE	UG/KG	<9	<10
N-PROPYLBENZENE	UG/KG	<9	<10
O-XYLENE	UG/KG	<4	<5
P-ISOPROPYLTOLUENE	UG/KG	<9	<10
SEC-BUTYLBENZENE	UG/KG	<9	<10

GAS CHROMATOGRAPHY RESULTS/MASS SPECTROSCOPY RESULTS

TEST : EPA 8260 (GC/MS FOR VOLATILE ORGANICS)
 CLIENT : NM ENVIRONMENT DEPARTMENT ATI I.D.: 212304
 PROJECT # : (NONE)
 PROJECT NAME: TA-35-125

SAMPLE I.D. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
07	PF-35-7	SOIL	12/01/92	NA	12/11/92
08	PF-35-8	SOIL	12/01/92	NA	12/12/92

PARAMETER	UNITS	07	08
STYRENE	UG/KG	<4	<5
TERT-BUTYLBENZENE	UG/KG	<9	<10
TETRACHLOROETHENE	UG/KG	<9	<10
TOLUENE	UG/KG	<4	<5
TRANS-1,2-DICHLOROETHENE	UG/KG	<13	<15
TRANS-1,3-DICHLOROPROPENE	UG/KG	<9	<10
TRICHLOROETHENE	UG/KG	<4	<5
TRICHLOROFUOROMETHANE	UG/KG	<9	<10
VINYL ACETATE	UG/KG	<22	<25
VINYL CHLORIDE	UG/KG	<13	<15
1,2-DICHLOROETHANE	UG/KG	<9	<10
1,1-DICHLOROETHENE	UG/KG	<13	<15
1,1-DICHLOROETHANE	UG/KG	<13	<15
1,1-DICHLOROPROPENE	UG/KG	<4	<5
1,1,1-TRICHLOROETHANE	UG/KG	<9	<10
1,1,1,2-TETRACHLOROETHANE	UG/KG	<9	<10
1,1,2-TRICHLOROETHANE	UG/KG	<9	<10
1,1,2,2-TETRACHLOROETHANE	UG/KG	<13	<15
1,2-DIBROMOETHANE	UG/KG	<9	<10
1,2-DIBROMO-3-CHLOROPROPANE	UG/KG	<13	<15
1,2-DICHLOROBENZENE	UG/KG	<9	<10
1,2-DICHLOROPROPANE	UG/KG	<9	<10
1,2,3-TRICHLOROBENZENE	UG/KG	<9	<10
1,2,3-TRICHLOROPROPANE	UG/KG	<13	<15
1,2,4-TRICHLOROBENZENE	UG/KG	<9	<10
1,2,4-TRIMETHYLBENZENE	UG/KG	<9	<10
1,3-DICHLOROBENZENE	UG/KG	<9	<10
1,3-DICHLOROPROPANE	UG/KG	<9	<10
1,3,5-TRIMETHYLBENZENE	UG/KG	<9	<10
1,4-DICHLOROBENZENE	UG/KG	<9	<10
2-BUTANONE	UG/KG	<43	<50
2-CHLOROTOLUENE	UG/KG	<9	<10
2-HEXANONE	UG/KG	<43	<50

GAS CHROMATOGRAPHY RESULTS/MASS SPECTROSCOPY RESULTS

TEST : EPA 8260 (GC/MS FOR VOLATILE ORGANICS)
 CLIENT : NM ENVIRONMENT DEPARTMENT ATI I.D.: 212304
 PROJECT # : (NONE)
 PROJECT NAME: TA-35-125

SAMPLE I.D. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
07	PF-35-7	SOIL	12/01/92	NA	12/11/92
08	PF-35-8	SOIL	12/01/92	NA	12/12/92

PARAMETER	UNITS	07	08
2,2-DICHLOROPROPANE	UG/KG	<13	<15
4-CHLOROTOLUENE	UG/KG	<9	<10
4-METHYL-2-PENTANONE	UG/KG	<43	<50

SURROGATES:

DIBROMOFLUOROMETHANE	%	98	89
TOLUENE-D8	%	98	103
4-BROMOFLUOROBENZENE	%	108	83

GAS CHROMATOGRAPHY RESULTS/MASS SPECTROSCOPY RESULTS

REAGENT BLANK

TEST	:	EPA 8260 (GC/MS FOR VOLATILE ORGANICS)		
BLANK I.D.	:	121092	ATI I.D.	: 212304
CLIENT	:	NM ENVIRONMENT DEPARTMENT	DATE EXTRACTED:	NA
PROJECT #	:	(NONE)	DATE ANALYZED :	12/10/92
PROJECT NAME:		TA-35-125		

PARAMETER	UNITS	
ACETONE	UG/KG	<10
ACROLEIN	UG/KG	<7
ACRYLONITRILE	UG/KG	<14
BENZENE	UG/KG	<2
BROMOBENZENE	UG/KG	<2
BROMOCHLOROMETHANE	UG/KG	<3
BROMODICHLOROMETHANE	UG/KG	<2
BROMOFORM	UG/KG	<2
BROMOMETHANE	UG/KG	<3
CARBON DISULFIDE	UG/KG	<3
CARBON TETRACHLORIDE	UG/KG	<1
CHLOROBENZENE	UG/KG	<1
CHLOROETHANE	UG/KG	<6
CHLOROFORM	UG/KG	<3
CHLOROMETHANE	UG/KG	<5
CIS-1,2-DICHLOROETHENE	UG/KG	<3
CIS-1,3-DICHLOROPROPENE	UG/KG	<2
DIBROMOCHLOROMETHANE	UG/KG	<2
DIBROMOMETHANE	UG/KG	<3
DICHLORODIFLUOROMETHANE	UG/KG	<3
ETHYLBENZENE	UG/KG	<1
HEXACHLOROBUTADIENE	UG/KG	<3
IODOMETHANE	UG/KG	<2
ISOPROPYLBENZENE	UG/KG	<2
METHYLENE CHLORIDE	UG/KG	<7
M,P-XYLENE	UG/KG	<2
NAPHTHALENE	UG/KG	<2
N-BUTYLBENZENE	UG/KG	<2
N-PROPYLBENZENE	UG/KG	<2
O-XYLENE	UG/KG	<1
P-ISOPROPYLTOLUENE	UG/KG	<2
SEC-BUTYLBENZENE	UG/KG	<2



Analytical Technologies, Inc.

GAS CHROMATOGRAPHY RESULTS/MASS SPECTROSCOPY RESULTS

REAGENT BLANK

TEST : EPA 8260 (GC/MS FOR VOLATILE ORGANICS)
 BLANK I.D. : 121092 ATI I.D. : 212304
 CLIENT : NM ENVIRONMENT DEPARTMENT DATE EXTRACTED: NA
 PROJECT # : (NONE) DATE ANALYZED : 12/10/92
 PROJECT NAME: TA-35-125

PARAMETER	UNITS	
STYRENE	UG/KG	<1
TERT-BUTYLBENZENE	UG/KG	<2
TETRACHLOROETHENE	UG/KG	<2
TOLUENE	UG/KG	<1
TRANS-1,2-DICHLOROETHENE	UG/KG	<3
TRANS-1,3-DICHLOROPROPENE	UG/KG	<2
TRICHLOROETHENE	UG/KG	<1
TRICHLOROFLUOROMETHANE	UG/KG	<2
VINYL ACETATE	UG/KG	<5
VINYL CHLORIDE	UG/KG	<3
1,2-DICHLOROETHANE	UG/KG	<2
1,1-DICHLOROETHENE	UG/KG	<3
1,1-DICHLOROETHANE	UG/KG	<3
1,1-DICHLOROPROPENE	UG/KG	<1
1,1,1-TRICHLOROETHANE	UG/KG	<2
1,1,1,2-TETRACHLOROETHANE	UG/KG	<2
1,1,2-TRICHLOROETHANE	UG/KG	<2
1,1,2,2-TETRACHLOROETHANE	UG/KG	<3
1,2-DIBROMOETHANE	UG/KG	<2
1,2-DIBROMO-3-CHLOROPROPANE	UG/KG	<3
1,2-DICHLOROBENZENE	UG/KG	<2
1,2-DICHLOROPROPANE	UG/KG	<2
1,2,3-TRICHLOROBENZENE	UG/KG	<2
1,2,3-TRICHLOROPROPANE	UG/KG	<3
1,2,4-TRICHLOROBENZENE	UG/KG	<2
1,2,4-TRIMETHYLBENZENE	UG/KG	<2
1,3-DICHLOROBENZENE	UG/KG	<2
1,3-DICHLOROPROPANE	UG/KG	<2
1,3,5-TRIMETHYLBENZENE	UG/KG	<2
1,4-DICHLOROBENZENE	UG/KG	<2
2-BUTANONE	UG/KG	<10
2-CHLOROTOLUENE	UG/KG	<2
2-HEXANONE	UG/KG	<10
2,2-DICHLOROPROPANE	UG/KG	<3
4-CHLOROTOLUENE	UG/KG	<2
4-METHYL-2-PENTANONE	UG/KG	<10
SURROGATES:		
DIBROMOFLUOROMETHANE	%	104
TOLUENE-D8	%	100
4-BROMOFLUOROBENZENE	%	104

GAS CHROMATOGRAPHY RESULTS/MASS SPECTROSCOPY RESULTS

REAGENT BLANK

TEST	:	EPA 8260 (GC/MS FOR VOLATILE ORGANICS)		
BLANK I.D.	:	121192	ATI I.D.	: 212304
CLIENT	:	NM ENVIRONMENT DEPARTMENT	DATE EXTRACTED:	NA
PROJECT #	:	(NONE)	DATE ANALYZED :	12/11/92
PROJECT NAME:		TA-35-125		

PARAMETER	UNITS	
ACETONE	UG/KG	<10
ACROLEIN	UG/KG	<7
ACRYLONITRILE	UG/KG	<14
BENZENE	UG/KG	<2
BROMOBENZENE	UG/KG	<2
BROMOCHLOROMETHANE	UG/KG	<3
BROMODICHLOROMETHANE	UG/KG	<2
BROMOFORM	UG/KG	<2
BROMOMETHANE	UG/KG	<3
CARBON DISULFIDE	UG/KG	<3
CARBON TETRACHLORIDE	UG/KG	<1
CHLOROBENZENE	UG/KG	<1
CHLOROETHANE	UG/KG	<6
CHLOROFORM	UG/KG	<3
CHLOROMETHANE	UG/KG	<5
CIS-1,2-DICHLOROETHENE	UG/KG	<3
CIS-1,3-DICHLOROPROPENE	UG/KG	<2
DIBROMOCHLOROMETHANE	UG/KG	<2
DIBROMOMETHANE	UG/KG	<3
DICHLORODIFLUOROMETHANE	UG/KG	<3
ETHYLBENZENE	UG/KG	<1
HEXACHLOROBUTADIENE	UG/KG	<3
IODOMETHANE	UG/KG	<2
ISOPROPYLBENZENE	UG/KG	<2
METHYLENE CHLORIDE	UG/KG	<7
M,P-XYLENE	UG/KG	<2
NAPHTHALENE	UG/KG	<2
N-BUTYLBENZENE	UG/KG	<2
N-PROPYLBENZENE	UG/KG	<2
O-XYLENE	UG/KG	<1
P-ISOPROPYLTOLUENE	UG/KG	<2
SEC-BUTYLBENZENE	UG/KG	<2



GAS CHROMATOGRAPHY RESULTS/MASS SPECTROSCOPY RESULTS

REAGENT BLANK

TEST : EPA 8260 (GC/MS FOR VOLATILE ORGANICS)
BLANK I.D. : 121192 ATI I.D. : 212304
CLIENT : NM ENVIRONMENT DEPARTMENT DATE EXTRACTED: NA
PROJECT # : (NONE) DATE ANALYZED : 12/11/92
PROJECT NAME: TA-35-125

PARAMETER	UNITS	
STYRENE	UG/KG	<1
TERT-BUTYLBENZENE	UG/KG	<2
TETRACHLOROETHENE	UG/KG	<2
TOLUENE	UG/KG	<1
TRANS-1,2-DICHLOROETHENE	UG/KG	<3
TRANS-1,3-DICHLOROPROPENE	UG/KG	<2
TRICHLOROETHENE	UG/KG	<1
TRICHLOROFUOROMETHANE	UG/KG	<2
VINYL ACETATE	UG/KG	<5
VINYL CHLORIDE	UG/KG	<3
1,2-DICHLOROETHANE	UG/KG	<2
1,1-DICHLOROETHENE	UG/KG	<3
1,1-DICHLOROETHANE	UG/KG	<3
1,1-DICHLOROPROPENE	UG/KG	<1
1,1,1-TRICHLOROETHANE	UG/KG	<2
1,1,1,2-TETRACHLOROETHANE	UG/KG	<2
1,1,2-TRICHLOROETHANE	UG/KG	<2
1,1,2,2-TETRACHLOROETHANE	UG/KG	<3
1,2-DIBROMOETHANE	UG/KG	<2
1,2-DIBROMO-3-CHLOROPROPANE	UG/KG	<3
1,2-DICHLOROBENZENE	UG/KG	<2
1,2-DICHLOROPROPANE	UG/KG	<2
1,2,3-TRICHLOROBENZENE	UG/KG	<2
1,2,3-TRICHLOROPROPANE	UG/KG	<3
1,2,4-TRICHLOROBENZENE	UG/KG	<2
1,2,4-TRIMETHYLBENZENE	UG/KG	<2
1,3-DICHLOROBENZENE	UG/KG	<2
1,3-DICHLOROPROPANE	UG/KG	<2
1,3,5-TRIMETHYLBENZENE	UG/KG	<2
1,4-DICHLOROBENZENE	UG/KG	<2
2-BUTANONE	UG/KG	<10
2-CHLOROTOLUENE	UG/KG	<2
2-HEXANONE	UG/KG	<10
2,2-DICHLOROPROPANE	UG/KG	<3
4-CHLOROTOLUENE	UG/KG	<2
4-METHYL-2-PENTANONE	UG/KG	<10

SURROGATES:

DIBROMOFUOROMETHANE	%	103
TOLUENE-D8	%	101
4-BROMOFUOROBENZENE	%	104

GAS CHROMATOGRAPHY RESULTS/MASS SPECTROSCOPY RESULTS

REAGENT BLANK

TEST	: EPA 8260 (GC/MS FOR VOLATILE ORGANICS)		
BLANK I.D.	: 121292	ATI I.D.	: 212304
CLIENT	: NM ENVIRONMENT DEPARTMENT	DATE EXTRACTED:	NA
PROJECT #	: (NONE)	DATE ANALYZED :	12/12/92
PROJECT NAME:	TA-35-125		

PARAMETER	UNITS	
ACETONE	UG/KG	<10
ACROLEIN	UG/KG	<7
ACRYLONITRILE	UG/KG	<14
BENZENE	UG/KG	<2
BROMOBENZENE	UG/KG	<2
BROMOCHLOROMETHANE	UG/KG	<3
BROMODICHLOROMETHANE	UG/KG	<2
BROMOFORM	UG/KG	<2
BROMOMETHANE	UG/KG	<3
CARBON DISULFIDE	UG/KG	<3
CARBON TETRACHLORIDE	UG/KG	<1
CHLOROBENZENE	UG/KG	<1
CHLOROETHANE	UG/KG	<6
CHLOROFORM	UG/KG	<3
CHLOROMETHANE	UG/KG	<5
CIS-1,2-DICHLOROETHENE	UG/KG	<3
CIS-1,3-DICHLOROPROPENE	UG/KG	<2
DIBROMOCHLOROMETHANE	UG/KG	<2
DIBROMOMETHANE	UG/KG	<3
DICHLORODIFLUOROMETHANE	UG/KG	<3
ETHYLBENZENE	UG/KG	<1
HEXACHLOROBUTADIENE	UG/KG	<3
IODOMETHANE	UG/KG	<2
ISOPROPYLBENZENE	UG/KG	<2
METHYLENE CHLORIDE	UG/KG	<7
M,P-XYLENE	UG/KG	<2
NAPHTHALENE	UG/KG	<2
N-BUTYLBENZENE	UG/KG	<2
N-PROPYLBENZENE	UG/KG	<2
O-XYLENE	UG/KG	<1
P-ISOPROPYLTOLUENE	UG/KG	<2
SEC-BUTYLBENZENE	UG/KG	<2



GAS CHROMATOGRAPHY RESULTS/MASS SPECTROSCOPY RESULTS

REAGENT BLANK

TEST : EPA 8260 (GC/MS FOR VOLATILE ORGANICS)
BLANK I.D. : 121292 ATI I.D. : 212304
CLIENT : NM ENVIRONMENT DEPARTMENT DATE EXTRACTED: NA
PROJECT # : (NONE) DATE ANALYZED : 12/12/92
PROJECT NAME: TA-35-125

PARAMETER	UNITS	
STYRENE	UG/KG	<1
TERT-BUTYLBENZENE	UG/KG	<2
TETRACHLOROETHENE	UG/KG	<2
TOLUENE	UG/KG	<1
TRANS-1,2-DICHLOROETHENE	UG/KG	<3
TRANS-1,3-DICHLOROPROPENE	UG/KG	<2
TRICHLOROETHENE	UG/KG	<1
TRICHLOROFLUOROMETHANE	UG/KG	<2
VINYL ACETATE	UG/KG	<5
VINYL CHLORIDE	UG/KG	<3
1,2-DICHLOROETHANE	UG/KG	<2
1,1-DICHLOROETHENE	UG/KG	<3
1,1-DICHLOROETHANE	UG/KG	<3
1,1-DICHLOROPROPENE	UG/KG	<1
1,1,1-TRICHLOROETHANE	UG/KG	<2
1,1,1,2-TETRACHLOROETHANE	UG/KG	<2
1,1,2-TRICHLOROETHANE	UG/KG	<2
1,1,2,2-TETRACHLOROETHANE	UG/KG	<3
1,2-DIBROMOETHANE	UG/KG	<2
1,2-DIBROMO-3-CHLOROPROPANE	UG/KG	<3
1,2-DICHLOROBENZENE	UG/KG	<2
1,2-DICHLOROPROPANE	UG/KG	<2
1,2,3-TRICHLOROBENZENE	UG/KG	<2
1,2,3-TRICHLOROPROPANE	UG/KG	<3
1,2,4-TRICHLOROBENZENE	UG/KG	<2
1,2,4-TRIMETHYLBENZENE	UG/KG	<2
1,3-DICHLOROBENZENE	UG/KG	<2
1,3-DICHLOROPROPANE	UG/KG	<2
1,3,5-TRIMETHYLBENZENE	UG/KG	<2
1,4-DICHLOROBENZENE	UG/KG	<2
2-BUTANONE	UG/KG	<10
2-CHLOROTOLUENE	UG/KG	<2
2-HEXANONE	UG/KG	<10
2,2-DICHLOROPROPANE	UG/KG	<3
4-CHLOROTOLUENE	UG/KG	<2
4-METHYL-2-PENTANONE	UG/KG	<10

SURROGATES:

DIBROMOFLUOROMETHANE	%	90
TOLUENE-D8	%	105
4-BROMOFLUOROBENZENE	%	84



GAS CHROMATOGRAPHY RESULTS/MASS SPECTROSCOPY RESULTS

MSMSD

TEST : EPA 8260 (GC/MS FOR VOLATILE ORGANICS) ATI I.D. : 212304
MSMSD # : 21230408 DATE EXTRACTED: NA
CLIENT : NM ENVIRONMENT DEPARTMENT DATE ANALYZED : 12/12/92
PROJECT # : (NONE) SAMPLE MATRIX : SOIL
PROJECT NAME: TA-35-125 REF. I.D. : 21230408
UNITS : MG/KG

PARAMETERS	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD
BENZENE	<10	50	51	102	45	90	12
CHLOROBENZENE	<5	50	54	108	48	96	12
TOLUENE	<5	50	54	108	48	96	12
TRICHLOROETHENE	<5	50	54	108	47	94	14
1,1-DICHLOROETHENE	<15	50	54	108	47	94	14

GCMS - RESULTS

ATI I.D. : 21230403

TEST : SEMI-VOLATILE ORGANICS (EPA 8270)

CLIENT	: NEW MEXICO ENVIRONMENTAL DEPT.	DATE SAMPLED	: 12/01/92
PROJECT #	: (NONE)	DATE RECEIVED	: 12/01/92
PROJECT NAME	: TA-35-125	DATE EXTRACTED	: 12/07/92
CLIENT I.D.	: PF-35-3	DATE ANALYZED	: 12/09/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 60

COMPOUNDS	RESULTS
N-NITROSODIMETHYLAMINE	<10.2
PHENOL	<10.2
ANILINE	<10.2
BIS(2-CHLOROETHYL) ETHER	<10.2
2-CHLOROPHENOL	<10.2
1,3-DICHLOROBENZENE	<10.2
1,4-DICHLOROBENZENE	<10.2
BENZYL ALCOHOL	<10.2
1,2-DICHLOROBENZENE	<10.2
2-METHYLPHENOL	<10.2
BIS(2-CHLOROISOPROPYL) ETHER	<10.2
4-METHYLPHENOL	<10.2
N-NITROSO-DI-N-PROPYLAMINE	<10.2
HEXACHLOROETHANE	<10.2
NITROBENZENE	<10.2
ISOPHORONE	<10.2
2-NITROPHENOL	<10.2
2,4-DIMETHYLPHENOL	<10.2
BENZOIC ACID	<51.0
BIS(2-CHLOROETHOXY) METHANE	<10.2
2,4-DICHLOROPHENOL	<10.2
1,2,4-TRICHLOROBENZENE	<10.2
NAPHTHALENE	<10.2
4-CHLOROANILINE	<10.2
HEXACHLOROBUTADIENE	<10.2
4-CHLORO-3-METHYLPHENOL	<10.2
2-METHYLNAPHTHALENE	<10.2
HEXACHLOROCYCLOPENTADIENE	<10.2
2,4,6-TRICHLOROPHENOL	<10.2
2,4,5-TRICHLOROPHENOL	<51.0
2-CHLORONAPHTHALENE	<10.2
2-NITROANILINE	<51.0
DIMETHYLPHTHALATE	<10.2
ACENAPHTHYLENE	<10.2
3-NITROANILINE	<51.0
ACENAPHTHENE	<10.2
2,4-DINITROPHENOL	<51.0
4-NITROPHENOL	<51.0
DIBENZOFURAN	<10.2
2,4-DINITROTOLUENE	<10.2
2,6-DINITROTOLUENE	<10.2

TEST : SEMI-VOLATILE ORGANICS (EPA 8270)

COMPOUNDS	RESULTS
DIETHYLPHTHALATE	<10.2
4-CHLOROPHENYL-PHENYLEETHER	<10.2
FLUORENE	<10.2
4-NITROANILINE	<51.0
4,6-DINITRO-2-METHYLPHENOL	<51.0
N-NITROSODIPHENYLAMINE	<10.2
4-BROMOPHENYL-PHENYLEETHER	<10.2
HEXACHLOROBENZENE	<10.2
PENTACHLOROPHENOL	<51.0
PHENANTHRENE	<10.2
ANTHRACENE	<10.2
DI-N-BUTYLPHTHALATE	<10.2
FLUORANTHENE	<10.2
BENZIDINE	<102.0
PYRENE	<10.2
BUTYLBENZYLPHTHALATE	<10.2
3,3-DICHLOROBENZIDINE	<20.4
BENZO(a)ANTHRACENE	<10.2
BIS(2-ETHYLHEXYL)PHTHALATE	25
CHRYSENE	<10.2
DI-N-OCTYLPHTHALATE	<10.2
BENZO(b)FLUORANTHENE	<10.2
BENZO(k)FLUORANTHENE	<10.2
BENZO(a)PYRENE	<10.2
INDENO(1,2,3-cd)PYRENE	<10.2
DIBENZO(a,h)ANTHRACENE	<10.2
BENZO(g,h,i)PERYLENE	<10.2

SURROGATE PERCENT RECOVERIES

NITROBENZENE-D5 (%)	**
2-FLUOROBIPHENYL (%)	**
TERPHENYL (%)	**
PHENOL-D6 (%)	**
2-FLUOROPHENOL (%)	**
2,4,6-TRIBROMOPHENOL (%)	**

** Due to the necessary dilution of the sample, result was not attainable



Analytical **Technologies**, Inc.

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

TEST : SEMI-VOLATILE ORGANICS (EPA 8270)

ATI I.D. : 21230403

COMPOUNDS

RESULTS

UNDIFFERENTIATED
HYDROCARBONS C19-C32

100000

GCMS - RESULTS

ATI I.D. : 21230404

TEST : SEMI-VOLATILE ORGANICS (EPA 8270)

CLIENT	: NEW MEXICO ENVIRONMENTAL DEPT.	DATE SAMPLED	: 12/01/92
PROJECT #	: (NONE)	DATE RECEIVED	: 12/01/92
PROJECT NAME	: TA-35-125	DATE EXTRACTED	: 12/07/92
CLIENT I.D.	: PF-35-4	DATE ANALYZED	: 12/09/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 20

COMPOUNDS	RESULTS
N-NITROSODIMETHYLAMINE	<3.4
PHENOL	<3.4
ANILINE	<3.4
BIS(2-CHLOROETHYL) ETHER	<3.4
2-CHLOROPHENOL	<3.4
1,3-DICHLOROBENZENE	<3.4
1,4-DICHLOROBENZENE	<3.4
BENZYL ALCOHOL	<3.4
1,2-DICHLOROBENZENE	<3.4
2-METHYLPHENOL	<3.4
BIS(2-CHLOROISOPROPYL) ETHER	<3.4
4-METHYLPHENOL	<3.4
N-NITROSO-DI-N-PROPYLAMINE	<3.4
HEXACHLOROETHANE	<3.4
NITROBENZENE	<3.4
ISOPHORONE	<3.4
2-NITROPHENOL	<3.4
2,4-DIMETHYLPHENOL	<3.4
BENZOIC ACID	<17.0
BIS(2-CHLOROETHOXY)METHANE	<3.4
2,4-DICHLOROPHENOL	<3.4
1,2,4-TRICHLOROBENZENE	<3.4
NAPHTHALENE	<3.4
4-CHLOROANILINE	<3.4
HEXACHLOROBUTADIENE	<3.4
4-CHLORO-3-METHYLPHENOL	<3.4
2-METHYLNAPHTHALENE	<3.4
HEXACHLOROCYCLOPENTADIENE	<3.4
2,4,6-TRICHLOROPHENOL	<3.4
2,4,5-TRICHLOROPHENOL	<17.0
2-CHLORONAPHTHALENE	<3.4
2-NITROANILINE	<17.0
DIMETHYLPHTHALATE	<3.4
ACENAPHTHYLENE	<3.4
3-NITROANILINE	<17.0
ACENAPHTHENE	<3.4
2,4-DINITROPHENOL	<17.0
4-NITROPHENOL	<17.0
DIBENZOFURAN	<3.4
2,4-DINITROTOLUENE	<3.4
2,6-DINITROTOLUENE	<3.4

(CONTINUED NEXT PAGE)

TEST : SEMI-VOLATILE ORGANICS (EPA 8270)

COMPOUNDS	RESULTS
DIETHYLPHTHALATE	<3.4
4-CHLOROPHENYL-PHENYLEETHER	<3.4
FLUORENE	<3.4
4-NITROANILINE	<17.0
4,6-DINITRO-2-METHYLPHENOL	<17.0
N-NITROSODIPHENYLAMINE	<3.4
4-BROMOPHENYL-PHENYLEETHER	<3.4
HEXACHLOROBENZENE	<3.4
PENTACHLOROPHENOL	<17.0
PHENANTHRENE	<3.4
ANTHRACENE	<3.4
DI-N-BUTYLPHTHALATE	<3.4
FLUORANTHENE	<3.4
BENZIDINE	<34.0
PYRENE	<3.4
BUTYLBENZYLPHTHALATE	<3.4
3,3-DICHLOROBENZIDINE	<6.8
BENZO(a)ANTHRACENE	<3.4
BIS(2-ETHYLHEXYL)PHTHALATE	8.8
CHRYSENE	<3.4
DI-N-OCTYLPHTHALATE	<3.4
BENZO(b)FLUORANTHENE	<3.4
BENZO(k)FLUORANTHENE	<3.4
BENZO(a)PYRENE	<3.4
INDENO(1,2,3-cd)PYRENE	<3.4
DIBENZO(a,h)ANTHRACENE	<3.4
BENZO(g,h,i)PERYLENE	<3.4

SURROGATE PERCENT RECOVERIES

NITROBENZENE-D5 (%)	**
2-FLUOROBIPHENYL (%)	**
TERPHENYL (%)	**
PHENOL-D6 (%)	**
2-FLUOROPHENOL (%)	**
2,4,6-TRIBROMOPHENOL (%)	**

** Due to the necessary dilution of the sample, result was not attainable



Analytical **Technologies**, Inc.

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

TEST : SEMI-VOLATILE ORGANICS (EPA 8270)

ATI I.D. : 21230404

COMPOUNDS

RESULTS

UNDIFFERENTIATED
HYDROCARBONS C19-C32

30000



Analytical **Technologies**, Inc.

GCMS - RESULTS

REAGENT BLANK

TEST : SEMI-VOLATILE ORGANICS (EPA 8270)

CLIENT : NEW MEXICO ENVIRONMENTAL DEPT.
 PROJECT # : (NONE)
 PROJECT NAME : TA-35-125
 CLIENT I.D. : REAGENT BLANK

ATI I.D. : 212304
 DATE EXTRACTED : 12/07/92
 DATE ANALYZED : 12/09/92
 UNITS : MG/KG
 DILUTION FACTOR : N/A

COMPOUNDS	RESULTS
N-NITROSODIMETHYLAMINE	<0.17
PHENOL	<0.17
ANILINE	<0.17
BIS(2-CHLOROETHYL) ETHER	<0.17
2-CHLOROPHENOL	<0.17
1,3-DICHLOROBENZENE	<0.17
1,4-DICHLOROBENZENE	<0.17
BENZYL ALCOHOL	<0.17
1,2-DICHLOROBENZENE	<0.17
2-METHYLPHENOL	<0.17
BIS(2-CHLOROISOPROPYL) ETHER	<0.17
4-METHYLPHENOL	<0.17
N-NITROSO-DI-N-PROPYLAMINE	<0.17
HEXACHLOROETHANE	<0.17
NITROBENZENE	<0.17
ISOPHORONE	<0.17
2-NITROPHENOL	<0.17
2,4-DIMETHYLPHENOL	<0.17
BENZOIC ACID	<0.85
BIS(2-CHLOROETHOXY) METHANE	<0.17
2,4-DICHLOROPHENOL	<0.17
1,2,4-TRICHLOROBENZENE	<0.17
NAPHTHALENE	<0.17
4-CHLOROANILINE	<0.17
HEXACHLOROBUTADIENE	<0.17
4-CHLORO-3-METHYLPHENOL	<0.17
2-METHYLNAPHTHALENE	<0.17
HEXACHLOROCYCLOPENTADIENE	<0.17
2,4,6-TRICHLOROPHENOL	<0.17
2,4,5-TRICHLOROPHENOL	<0.85
2-CHLORONAPHTHALENE	<0.17
2-NITROANILINE	<0.85
DIMETHYLPHTHALATE	<0.17
ACENAPHTHYLENE	<0.17
3-NITROANILINE	<0.85
ACENAPHTHENE	<0.17
2,4-DINITROPHENOL	<0.85
4-NITROPHENOL	<0.85
DIBENZOFURAN	<0.17
2,4-DINITROTOLUENE	<0.17
2,6-DINITROTOLUENE	<0.17
DIETHYLPHTHALATE	<0.17
4-CHLOROPHENYL-PHENYLETHER	<0.17

(CONTINUED NEXT PAGE)