AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.

App Number: pENV000GW00033

GW - 32

WESTERN REFINING COMPANY L.P.

2/8/2017

GIANT REFINING CO.

OIL CONSERVATION DIVISION
RECEIVED
'93 JUN 1 AM 9 48

Route 3, Box 7
Gallup, New Mexico
87301
505
722-3833

May 27, 1993

Roger Anderson
Environmental Bureau Chief
New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504-2088

RECEIVED
JUL 2 1993
OIL CON. DIV.
DIST. 3

Re: Pipeline Crude Oil Spill

Dear Mr. Anderson:

On March 17, 1993, Giant Refining Company - Ciniza (GRC) notified your office of a spill of approximately 10 barrels of crude oil. Due to the confined nature of the spill, it was decided to treat the material in place.

The spill area soil was turned using a tractor and rotary disc. 46-0-0 Urea fertilizer was applied and the soil was turned again. The soil was wetted with raw water. After 30 days, staining was 90% depleted and a sample was collected for TCLP analysis.

The analytical data is included with this report. Lead showed a concentration of 2.55 ppm. This is below the action standard for TCLP lead.

After reviewing the analytical data and watching the physical attributes of the spill diminish, GRC submits that this clean-up operation is complete and proposes no further action.

If you require additional information, please contact me at (505) 722-0227.

Sincerely,

Lynn Shelton

Lynn Shelton
Environmental Assistant
Giant Refining Company

TLS:sp

cc: Zeke Sherman - Environmental Manager - Giant Refining Company
Ed Horst - NMED
Kim Bullerdick - Corporate Counsel - Giant Industries Arizona, Inc.

Analytical Technologies, Inc.

CLIENT : GIANT REFINING CO. DATE RECEIVED : 04/26/93
PROJECT # : (NONE)
PROJECT NAME : (NONE) REPORT DATE : 05/17/93

ATI I.D. : 304429

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	PIPELINE SOIL	SOIL	04/23/93

----- TOTALS -----

MATRIX	# SAMPLES
SOIL	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.

METALS RESULTS

ATI I.D. : 304429

CLIENT : GIANT REFINING CO.
PROJECT # : (NONE)
PROJECT NAME : (NONE)

DATE RECEIVED : 04/26/93
REPORT DATE : 05/17/93

PARAMETER	UNITS	01
SILVER (TCLP 1311/6010)	MG/L	<0.010
ARSENIC (TCLP 1311/6010)	MG/L	<0.1
BARIUM (TCLP 1311/6010)	MG/L	1.01
CADMIUM (TCLP 1311/6010)	MG/L	<0.005
CHROMIUM (TCLP 1311/6010)	MG/L	<0.010
MERCURY (TCLP 1311/7470)	MG/L	<0.0002
LEAD (TCLP 1311/6010)	MG/L	2.55
SELENIUM (TCLP 1311/6010)	MG/L	<0.1

Analytical Technologies, Inc.

METALS - QUALITY CONTROL

CLIENT : GIANT REFINING CO.
PROJECT # : (NONE)
PROJECT NAME : (NONE) ATI I.D. : 304429

PARAMETER	UNITS	ATI I.D.	SAMPLE RESULT	DUP. RESULT	RPD	SPIKED SAMPLE	SPIKE CONC	% REC
SILVER (IN TCLP)	MG/L	30440604	<0.010	<0.010	NA	0.973	1.00	97
ARSENIC (IN TCLP)	MG/L	30440604	<0.1	<0.1	NA	1.1	1.0	110
BARIUM (IN TCLP)	MG/L	30440604	0.115	0.108	6	1.08	1.00	96
CADMIUM (IN TCLP)	MG/L	30440604	0.250	0.281	12	1.31	1.00	106
CHROMIUM (IN TCLP)	MG/L	30440604	<0.010	<0.010	NA	1.02	1.00	102
MERCURY (IN TCLP)	MG/L	30401014	<0.0002	<0.0002	NA	0.0050	0.0050	100
LEAD (IN TCLP)	MG/L	30440604	78.7	93.9	18	87.1	10.0	84
SELENIUM (IN TCLP)	MG/L	30440604	<0.1	<0.1	NA	1.1	1.0	110

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

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

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 30442901

TEST : TCLP ORGANOCHLORINE PESTICIDES (EPA 1311/8080)

CLIENT	: GIANT REFINING CO.	DATE SAMPLED	: 04/23/93
PROJECT #	: (NONE)	DATE RECEIVED	: 04/26/93
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 04/28/93
CLIENT I.D.	: PIPELINE SOIL	DATE ANALYZED	: 05/06/93
SAMPLE MATRIX	: SOIL	UNITS	: UG/L
		DILUTION FACTOR	: 20

COMPOUNDS	RESULTS
CHLORDANE	<10.0
ENDRIN	<2.0
HEPTACHLOR	<1.0
HEPTACHLOR EPOXIDE	<1.0
GAMMA - BHC (LINDANE)	<1.0
METHOXYCHLOR	<10.0
TOXAPHENE	<20.0
SURROGATE PERCENT RECOVERIES	
DI-BUTYL-CHLORENDATE (%)	**
DBOFBP (%)	**

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

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

REAGENT BLANK

TEST : TCLP ORGANOCHLORINE PESTICIDES (EPA 1311/8080)

		ATI I.D.	: 304429
CLIENT	: GIANT REFINING CO.	DATE EXTRACTED	: 04/28/93
PROJECT #	: (NONE)	DATE ANALYZED	: 05/06/93
PROJECT NAME	: (NONE)	UNITS	: UG/L
CLIENT I.D.	: REAGENT BLANK	DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
CHLORDANE	<0.5
ENDRIN	<0.1
HEPTACHLOR	<0.05
HEPTACHLOR EPOXIDE	<0.05
GAMMA - BHC (LINDANE)	<0.05
METHOXYCHLOR	<0.5
TOXAPHENE	<1.0

SURROGATE PERCENT RECOVERIES

DI-BUTYL-CHLORENDATE (%)	101
DBOFBP (%)	80

Analytical Technologies, Inc.

QUALITY CONTROL DATA

ATI I.D. : 304429

TEST : TCLP ORGANOCHLORINE PESTICIDES (EPA 1311/8080)

CLIENT : GIANT REFINING CO.
PROJECT # : (NONE)
PROJECT NAME : (NONE)
REF I.D. : 30549919

DATE ANALYZED : 05/06/93
SAMPLE MATRIX : NON-AQUEOUS
UNITS : UG/L

COMPOUNDS	SAMPLE RESULT	CONC. SPIKED	SPIKED SAMPLE	% REC.	DUP. SPIKED SAMPLE	DUP. % REC.	RPD
LINDANE	<0.05	2.0	1.9	95	1.8	90	5
HEPTACHLOR	<0.05	2.0	1.6	80	1.5	75	6
HEPTACHLOR EPOXIDE	<0.05	2.0	1.9	95	1.8	90	5
METHOXYCHLOR	<0.5	2.0	1.7	85	1.7	85	0
ENDRIN	<0.1	2.0	1.8	90	1.8	90	0

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

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 30442901

TEST : TCLP CHLORINATED HERBICIDES (EPA 1311/8150)

CLIENT	: GIANT REFINING CO.	DATE SAMPLED	: 04/23/93
PROJECT #	: (NONE)	DATE RECEIVED	: 04/26/93
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 04/28/93
CLIENT I.D.	: PIPELINE SOIL	DATE ANALYZED	: 05/06/93
SAMPLE MATRIX	: SOIL	UNITS	: UG/L
		DILUTION FACTOR	: 10

COMPOUNDS	RESULTS
2,4-D	<4.0
2,4,5-TP (SILVEX)	<2.0
SURROGATE PERCENT RECOVERIES	
DCAA (%)	76

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

REAGENT BLANK

TEST : TCLP CHLORINATED HERBICIDES (EPA 1311/8150)

		ATI I.D.	: 304429
CLIENT	: GIANT REFINING CO.	DATE EXTRACTED	: 04/28/93
PROJECT #	: (NONE)	DATE ANALYZED	: 05/06/93
PROJECT NAME	: (NONE)	UNITS	: UG/L
CLIENT I.D.	: REAGENT BLANK	DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
2,4-D	<0.4
2,4,5-TP (SILVEX)	<0.2

SURROGATE PERCENT RECOVERIES

DCAA (%)	82

Analytical Technologies, Inc.

QUALITY CONTROL DATA

ATI I.D. : 304429

TEST : TCLP CHLORINATED HERBICIDES (EPA 1311/8150)

CLIENT : GIANT REFINING CO.
PROJECT # : (NONE)
PROJECT NAME : (NONE)
REF I.D. : 30442901

DATE ANALYZED : 05/06/93
SAMPLE MATRIX : SOIL
UNITS : UG/L

COMPOUNDS	SAMPLE RESULT	CONC. SPIKED	SPIKED SAMPLE	% REC.	DUP. SPIKED SAMPLE	DUP. % REC.	RPD
2,4-D	<4	17	12	71	13	76	8
2,4,5-TP	<2	3	3	100	3	100	0

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

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$

Analytical Technologies, Inc.

GCMS - RESULTS

ATI I.D. : 30442901

TEST : EPA METHOD 8240 (TCLP 1311)

CLIENT	: GIANT REFINING CO.	DATE SAMPLED	: 04/23/93
PROJECT #	: (NONE)	DATE RECEIVED	: 04/26/93
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 04/28/93
CLIENT I.D.	: PIPELINE SOIL	DATE ANALYZED	: 04/30/93
SAMPLE MATRIX	: SOIL	UNITS	: UG/L
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<10
CARBON TETRACHLORIDE	<10
CHLOROBENZENE	<10
CHLOROFORM	<10
1,2-DICHLOROETHANE	<10
1,1-DICHLOROETHENE	<10
METHYL ETHYL KETONE	<100
TETRACHLOROETHENE	<10
TRICHLOROETHENE	<10
VINYL CHLORIDE	<10
SURROGATE PERCENT RECOVERIES	
1,2-DICHLOROETHANE-D4 (%)	100
BROMOFLUOROBENZENE (%)	95
TOLUENE-D8 (%)	97

Analytical Technologies, Inc.

GCMS - RESULTS

REAGENT BLANK

TEST : EPA METHOD 8240 (TCLP 1311)

		ATI I.D.	: 304429
CLIENT	: GIANT REFINING CO.	DATE EXTRACTED	: 04/28/93
PROJECT #	: (NONE)	DATE ANALYZED	: 04/30/93
PROJECT NAME	: (NONE)	UNITS	: UG/L
CLIENT I.D.	: REAGENT BLANK	DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
BENZENE	<10
CARBON TETRACHLORIDE	<10
CHLOROBENZENE	<10
CHLOROFORM	<10
1,2-DICHLOROETHANE	<10
1,1-DICHLOROETHENE	<10
METHYL ETHYL KETONE	<100
TETRACHLOROETHENE	<10
TRICHLOROETHENE	<10
VINYL CHLORIDE	<10

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	100
BROMOFLUOROBENZENE (%)	90
TOLUENE-D8 (%)	87

Analytical Technologies, Inc.

QUALITY CONTROL DATA

ATI I.D. : 304429

TEST : EPA METHOD 8240 (TCLP 1311)

CLIENT : GIANT REFINING CO.
PROJECT # : (NONE)
PROJECT NAME : (NONE)
REF I.D. : 30549916

DATE ANALYZED : 04/30/93
SAMPLE MATRIX : NON-AQUEOUS
UNITS : UG/L

COMPOUNDS	SAMPLE RESULT	CONC. SPIKED	SPIKED SAMPLE	% REC.	DUP. SPIKED SAMPLE	DUP. % REC.	RPD
1,1-DICHLOROETHENE	<1	50	52	104	52	104	0
TRICHLOROETHENE	<1	50	46	92	49	98	6
CHLOROBENZENE	<1	50	48	96	49	98	2
BENZENE	<1	50	49	98	51	102	4

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

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$

Analytical Technologies, Inc.

GCMS - RESULTS

ATI I.D. : 30442901

TEST : EPA METHOD 8270 (TCLP 1311)

CLIENT	: GIANT REFINING CO.	DATE SAMPLED	: 04/23/93
PROJECT #	: (NONE)	DATE RECEIVED	: 04/26/93
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 04/28/93
CLIENT I.D.	: PIPELINE SOIL	DATE ANALYZED	: 05/03/93
SAMPLE MATRIX	: SOIL	UNITS	: UG/L
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
O-CRESOL	<10
M & P-CRESOL	<10
1,4-DICHLOROBENZENE	<10
2,4-DINITROTOLUENE	<10
HEXACHLOROBENZENE	<10
HEXACHLOROBUTADIENE	<10
HEXACHLOROETHANE	<10
NITROBENZENE	<10
PENTACHLOROPHENOL	<50
2,4,5-TRICHLOROPHENOL	<50
2,4,6-TRICHLOROPHENOL	<10
PYRIDINE	ND

SURROGATE PERCENT RECOVERIES

NITROBENZENE (%)	85
2-FLUOROBIPHENYL (%)	86
TERPHENYL (%)	78
PHENOL-D6 (%)	84
2-FLUOROPHENOL (%)	80
2,4,6-TRIBROMOPHENOL (%)	87

Analytical Technologies, Inc.

GCMS - RESULTS

ATI I.D. : 30442901

TEST : SEMI-VOLATILE ORGANICS (EPA 8270)

CLIENT	: GIANT REFINING CO.	DATE SAMPLED	: 04/23/93
PROJECT #	: (NONE)	DATE RECEIVED	: 04/26/93
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 04/30/93
CLIENT I.D.	: PIPELINE SOIL	DATE ANALYZED	: 05/07/93
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 20

ADDITIONAL COMPOUNDS	RESULTS
PYRIDINE	<3.4

Analytical Technologies, Inc.

GCMS - RESULTS

REAGENT BLANK

TEST : EPA METHOD 8270 (TCLP 1311)

CLIENT	: GIANT REFINING CO.	ATI I.D.	: 304429
PROJECT #	: (NONE)	DATE EXTRACTED	: 04/28/93
PROJECT NAME	: (NONE)	DATE ANALYZED	: 05/03/93
CLIENT I.D.	: REAGENT BLANK	UNITS	: UG/L
		DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
O-CRESOL	<10
M & P-CRESOL	<10
1,4-DICHLOROBENZENE	<10
2,4-DINITROTOLUENE	<10
HEXACHLOROBENZENE	<10
HEXACHLOROBUTADIENE	<10
HEXACHLOROETHANE	<10
NITROBENZENE	<10
PENTACHLOROPHENOL	<50
2,4,5-TRICHLOROPHENOL	<50
2,4,6-TRICHLOROPHENOL	<10
PYRIDINE	ND

SURROGATE PERCENT RECOVERIES

NITROBENZENE (%)	94
2-FLUOROBIPHENYL (%)	96
TERPHENYL (%)	97
PHENOL-D6 (%)	86
2-FLUOROPHENOL (%)	83
2,4,6-TRIBROMOPHENOL (%)	86

Analytical Technologies, Inc.

GCMS - RESULTS

REAGENT BLANK

TEST : SEMI-VOLATILE ORGANICS (EPA 8270)

		ATI I.D.	: 304429
CLIENT	: GIANT REFINING CO.	DATE EXTRACTED	: 04/30/93
PROJECT #	: (NONE)	DATE ANALYZED	: 05/12/93
PROJECT NAME	: (NONE)	UNITS	: MG/KG
CLIENT I.D.	: REAGENT BLANK	DILUTION FACTOR	: 20

ADDITIONAL COMPOUNDS	RESULTS
PYRIDINE	<0.17

Analytical Technologies, Inc.

QUALITY CONTROL DATA

ATI I.D. : 304429

TEST : SEMI-VOLATILE ORGANICS (EPA 8270)

CLIENT : GIANT REFINING CO.
PROJECT # : (NONE)
PROJECT NAME : (NONE)
REF I.D. : 30498206

DATE ANALYZED : 05/10/93
SAMPLE MATRIX : SOIL
UNITS : MG/KG

COMPOUNDS	SAMPLE RESULT	CONC. SPIKED	SPIKED SAMPLE	% REC.	DUP. SPIKED SAMPLE	DUP. % REC.	RPD
1,2,4-TRICHLOROBENZENE	<0.17	1.7	1.5	88	1.6	94	6
ACENAPHTHENE	<0.17	1.7	1.2	71	1.2	71	0
2,4-DINITROTOLUENE	<0.17	1.7	1.2	71	1.3	76	8
PYRENE	<0.17	1.7	1.5	88	1.5	88	0
N-NITROSO-DI-N-PROPYLAMINE	<0.17	1.7	2.0	118	2.0	118	0
1,4-DICHLOROBENZENE	<0.17	1.7	1.2	71	1.3	76	8
PENTACHLOROPHENOL	<0.85	3.3	3.5	106	3.4	103	3
PHENOL	<0.17	3.3	2.8	85	2.9	88	4
2-CHLOROPHENOL	<0.17	3.3	2.8	85	2.8	85	0
4-CHLORO-3-METHYLPHENOL	<0.17	3.3	2.7	82	2.9	88	7
4-NITROPHENOL	<0.85	3.3	2.6	79	2.7	82	4

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

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$

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

DATE: 4-23-93 PAGE 1 OF 1

ATI #: 304429

PROJECT MANAGER:

COMPANY: GIANT
ADDRESS: I40 EXIT 39
JAMESTOWN, NM 87347
PHONE: (505) 722 0227
FAX: (505) 722 0210

BILL TO: SAME
COMPANY: RT 3 BOX 7
ADDRESS: GALLUP, NM 87301

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1)	(MOD 8015) Gas/Diesel	Diesel/Gasoline/BTXE/MTBE (MOD 8015/8020)	BTXE/MTBE (8020)	TCLP *	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
PIPELINE SOIL	4-23	10:40	SOIL	01					X																2

PROJECT INFORMATION

PROJ. NO.:
PROJ. NAME:
P.O. NO.: 997-9009-14
SHIPPED VIA: FED EX

SAMPLE RECEIPT

NO. CONTAINERS	2
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:
* SEE ATTACHED LIST

SAMPLED & RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: Lynn Shelton Time: 10:40	Signature: Time:	Signature: Time:
Printed Name: LYNN SHELTON Date: 4-23-93	Printed Name: Date:	Printed Name: Date:
Company: GIANT Phone: 722-0227	Company:	Company:

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY:(LAB) 3.
Signature: Time:	Signature: Time:	Signature: Time: 1030
Printed Name: Date:	Printed Name: Date:	Printed Name: Terri Dettire Date: 4/26/93
Company:	Company:	Analytical Technologies, Inc.

Analytical**Technologies,**Inc Albuquerque, NM

Chain of Custody

DATE 4/26/93 PAGE 1 OF 1

NETWORK PROJECT MANAGER: BETH PROFFITT

COMPANY: **Analytical Technologies, Inc.**
ADDRESS: 2709-D Pan American Freeway, NE
Albuquerque, NM 87106

CLIENT PROJECT MANAGER:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	TOX	TOC	ORGANIC LEAD	SULFIDE	SURFACTANTS (MBAS)	full TCLP analyses	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
304429-01	4/23/93	1040	Soil	1						X																					2

PROJECT INFORMATION

PROJECT NUMBER: 304429
PROJECT NAME: GRC
QC LEVEL: STD IV
QC REQUIRED: MS MSD BLANK
TAT: STANDARD RUSH!

DUE DATE: 5/10/93
RUSH SURCHARGE: 0
CLIENT DISCOUNT: 10 %

WO# LK388

See attached list

SAMPLE RECEIPT

TOTAL NUMBER OF CONTAINERS	2
CHAIN OF CUSTODY SEALS	N
INTACT?	Y
RECEIVED GOOD COND./COLD	Y
LAB NUMBER	304-129

SAMPLES SENT TO:

SAN DIEGO	
FT. COLLINS	
RENTON	
PENSACOLA	
PHOENIX	X
BARRINGER	
FIBERQUANT	

RELINQUISHED BY: 1.
Signature: Time: 1745
Printed Name: Terri Dettre Date: 4/26/93
Analytical Technologies, Inc.
Albuquerque

RECEIVED BY: (LAB) 1.
Signature: Time:
Printed Name: Date:
Company:

RELINQUISHED BY: 2.
Signature: Time
Printed Name: Date
Company:

RECEIVED BY: (LAB) 2.
Signature: Time: 1119
Printed Name: R. Tubeszewski Date: 4/27/93
Company: ATI - Phx