American Environmental Network, Inc.

AEN I.D. **606346**

July 2, 1996

Sparton Technology, Inc.
9621 Coors Rd. NW
Albuquerque, NM 87114

Project Name/Number: SOIL GAS VP-1 2Q96-SVP

Attention: John Wakefield

On **06/25/96**, American Environmental Network (NM), Inc., (ADHS License No. AZ0015) received a request to analyze **air** samples. The samples 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.

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

Kimberly D. McNeill
Project Manager

H. Mitchell Rubenstein, Ph.D.
General Manager

MR:ft

Enclosure

GWB-00678-SPARTON

OGC-001996

2709-D Pan American Freeway, NE • Albuquerque, NM 87107 • (505) 344-3777 • Fax (602) 344-4413

American Environmental Network, Inc.

CLIENT	: SPARTON TECHNOLOGY, INC.	DATE RECEIVED	: 06/25/96
PROJECT #	: 2Q96-SVP		
PROJECT NAME	: SOIL GAS VP-1	REPORT DATE	: 07/02/96

AEN ID: 606346

AEN #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	VP-1 ZONE 6, 270	AIR	06/25/96
02	VP-1 ZONE 5, 247	AIR	06/25/96
03	VP-1 ZONE 4, 568	AIR	06/25/96
04	VP-1 ZONE 3, 700	AIR	06/25/96
05	VP-1 ZONE 2, 694	AIR	06/25/96
06	VP-1 ZONE 1, 375	AIR	06/25/96

PID Readings
ppm TCE

---TOTALS---

MATRIX	#SAMPLES
AIR	6

OGC-001997

GWB-00677-SPARTON

AEN 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.

GAS CHROMATOGRAPHY RESULTS

American Environmental Network, Inc.

TEST : PURGEABLE HALOCARBONS/AROMATICS (EPA 8010/8020)
CLIENT : SPARTON TECHNOLOGY, INC. AEN I.D.: 606346
PROJECT # : 2Q96-SVP
PROJECT NAME : SOIL GAS VP-1

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	VP-1 ZONE 6,270	AIR	06/25/96	NA	06/25/96	100
02	VP-1 ZONE 5,247	AIR	06/25/96	NA	06/25/96	500

PARAMETER	UNITS	01	02
BENZENE	**MG/M^3**	<5.0	**62**
BROMODICHLOROMETHANE	MG/M^3	<2.0	<10
BROMOFORM	MG/M^3	<5.0	<25
BROMOMETHANE	MG/M^3	<10	<50
CARBON TETRACHLORIDE	MG/M^3	<2.0	<10
CHLOROBENZENE	MG/M^3	<5.0	<25
CHLOROETHANE	MG/M^3	<5.0	<25
CHLOROFORM	MG/M^3	<5.0	<25
CHLOROMETHANE	MG/M^3	<10	<50
DIBROMOCHLOROMETHANE	MG/M^3	<2.0	<10
1,2-DIBROMOETHANE (EDB)	MG/M^3	<2.0	<10
1,2-DICHLOROBENZENE	MG/M^3	<5.0	<25
1,3-DICHLOROBENZENE	MG/M^3	<5.0	<25
1,4-DICHLOROBENZENE	MG/M^3	<5.0	<25
1,1-DICHLOROETHANE	**MG/M^3**	**21**	<15
1,2-DICHLOROETHANE (EDC)	MG/M^3	<5.0	<25
1,1-DICHLOROETHENE	**MG/M^3**	**460 D(500)**	**360**
CIS-1,2-DICHLOROETHENE	MG/M^3	<2.0	<10
TRANS-1,2-DICHLOROETHENE	MG/M^3	<10	<50
1,2-DICHLOROPROPANE	MG/M^3	<2.0	<10
CIS-1,3-DICHLOROPROPENE	MG/M^3	<2.0	<10
TRANS-1,3-DICHLOROPROPENE	**MG/M^3**	**6.7**	<10
ETHYLBENZENE	MG/M^3	<5.0	<25
METHYL-t-BUTYL ETHER	MG/M^3	<25	<130
METHYLENE CHLORIDE	MG/M^3	<20	<100
1,1,2,2-TETRACHLOROETHANE	MG/M^3	<5.0	<25
TETRACHLOROETHENE	**MG/M^3**	**160 D(500)**	**120**
TOLUENE	**MG/M^3**	**6.4**	**70**
1,1,1-TRICHLOROETHANE	**MG/M^3**	**3300 D(2000)**	**3100 D(2000)**
1,1,2-TRICHLOROETHANE	MG/M^3	<2.0	<10
TRICHLOROETHENE	**MG/M^3**	**8700 D(2000)**	**8200 D(2000)**
TRICHLOROFLUOROMETHANE	MG/M^3	<2.0	<10
VINYL CHLORIDE	MG/M^3	<5.0	<25
TOTAL XYLENES	MG/M^3	<5.0	<25

SURROGATES:

BROMOCHLOROMETHANE (%)	102	100
TRIFLUOROTOLUENE (%)	98	100

D(500)=DILUTED 500X, ANALYZED 06/27/96
D(2000)=DILUTED 2000X, ANALYZED 06/26/96

GWB-00676-SPARTON

OGC-001998

GAS CHROMATOGRAPHY RESULTS

American Environmental Network, Inc.

TEST : PURGEABLE HALOCARBONS/AROMATICS (EPA 8010/8020)
CLIENT : SPARTON TECHNOLOGY, INC. AEN I.D.: 606346
PROJECT # : 2Q96-SVP
PROJECT NAME : SOIL GAS VP-1

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
03	VP-1 ZONE 4,568	AIR	06/25/96	NA	06/25/96	500
04	VP-1 ZONE 3,700	AIR	06/25/96	NA	06/25/96	500

PARAMETER	UNITS	03	04
BENZENE	MG/M^3	<25	<25
BROMODICHLOROMETHANE	MG/M^3	<10	<10
BROMOFORM	MG/M^3	<25	<25
BROMOMETHANE	MG/M^3	<50	<50
CARBON TETRACHLORIDE	MG/M^3	<10	<10
CHLOROBENZENE	MG/M^3	<25	<25
CHLOROETHANE	MG/M^3	<25	<25
CHLOROFORM	MG/M^3	<25	<25
CHLOROMETHANE	MG/M^3	<50	<50
DIBROMOCHLOROMETHANE	MG/M^3	<10	<10
1,2-DIBROMOETHANE (EDB)	MG/M^3	<10	<10
1,2-DICHLOROBENZENE	MG/M^3	<25	<25
1,3-DICHLOROBENZENE	MG/M^3	<25	<25
1,4-DICHLOROBENZENE	MG/M^3	<25	<25
1,1-DICHLOROETHANE	MG/M^3	<15	<15
1,2-DICHLOROETHANE (EDC)	MG/M^3	<25	<25
1,1-DICHLOROETHENE	**MG/M^3**	**340**	**230**
CIS-1,2-DICHLOROETHENE	MG/M^3	<10	<10
TRANS-1,2-DICHLOROETHENE	MG/M^3	<50	<50
1,2-DICHLOROPROPANE	MG/M^3	<10	<10
CIS-1,3-DICHLOROPROPENE	MG/M^3	<10	<10
TRANS-1,3-DICHLOROPROPENE	**MG/M^3**	<10	**32**
ETHYLBENZENE	**MG/M^3**	**100**	**220**
METHYL-t-BUTYL ETHER	MG/M^3	<130	<130
METHYLENE CHLORIDE	MG/M^3	<100	<100
1,1,2,2-TETRACHLOROETHANE	MG/M^3	<25	<25
TETRACHLOROETHENE	**MG/M^3**	**310**	**320**
TOLUENE	**MG/M^3**	**110**	**4600**
1,1,1-TRICHLOROETHANE	**MG/M^3**	**6300 D(2000) E**	**6500 D(2000) E**
1,1,2-TRICHLOROETHANE	MG/M^3	<10	<10
TRICHLOROETHENE	**MG/M^3**	**22000 D(2000)E**	**24000 D(2000)E**
TRICHLOROFLUOROMETHANE	MG/M^3	<10	<10
VINYL CHLORIDE	MG/M^3	<25	<25
TOTAL XYLENES	**MG/M^3**	**140**	**610**

SURROGATES:

BROMOCHLOROMETHANE (%)	114	103
TRIFLUOROTOLUENE (%)	98	95

D(2000)=DILUTED 2000X, ANALYZED 06/26/96
*E = ESTIMATED VALUE, OVERRANGE FOR INSTRUMENTATION

GWB-00675-SPARTON

GAS CHROMATOGRAPHY RESULTS

American Environmental Network, Inc.

TEST : PURGEABLE HALOCARBONS/AROMATICS (EPA 8010/8020)
CLIENT : SPARTON TECHNOLOGY, INC. AEN I.D.: 606346
PROJECT # : 2Q96-SVP
PROJECT NAME : SOIL GAS VP-1

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
05	VP-1 ZONE 2,694	AIR	06/25/96	NA	06/27/96	500
06	VP-1 ZONE 1,375	AIR	06/25/96	NA	06/27/96	500

PARAMETER	UNITS	05	06
BENZENE	MG/M^3	<25	<25
BROMODICHLOROMETHANE	MG/M^3	<10	<10
BROMOFORM	MG/M^3	<25	<25
BROMOMETHANE	MG/M^3	<50	<50
CARBON TETRACHLORIDE	MG/M^3	<10	<10
CHLOROBENZENE	MG/M^3	<25	<25
CHLOROETHANE	MG/M^3	<25	<25
CHLOROFORM	MG/M^3	<25	<25
CHLOROMETHANE	MG/M^3	<50	<50
DIBROMOCHLOROMETHANE	MG/M^3	<10	<10
1,2-DIBROMOETHANE (EDB)	MG/M^3	<10	<10
1,2-DICHLOROBENZENE	MG/M^3	<25	<25
1,3-DICHLOROBENZENE	MG/M^3	<25	<25
1,4-DICHLOROBENZENE	MG/M^3	<25	<25
1,1-DICHLOROETHANE	MG/M^3	<15	<15
1,2-DICHLOROETHANE (EDC)	MG/M^3	<25	<25
1,1-DICHLOROETHENE	**MG/M^3**	**200**	**150**
CIS-1,2-DICHLOROETHENE	MG/M^3	<10	<10
TRANS-1,2-DICHLOROETHENE	MG/M^3	<50	<50
1,2-DICHLOROPROPANE	MG/M^3	<10	<10
CIS-1,3-DICHLOROPROPENE	MG/M^3	<10	<10
TRANS-1,3-DICHLOROPROPENE	**MG/M^3**	<10	**30**
ETHYLBENZENE	**MG/M^3**	**220**	**260**
METHYL-t-BUTYL ETHER	MG/M^3	<130	<130
METHYLENE CHLORIDE	MG/M^3	<100	<100
1,1,2,2-TETRACHLOROETHANE	MG/M^3	<25	<25
TETRACHLOROETHENE	**MG/M^3**	**300**	**290**
TOLUENE	**MG/M^3**	**6800**	**1500**
1,1,1-TRICHLOROETHANE	**MG/M^3**	**5800 D(2000) E**	**4800 D(2000) E**
1,1,2-TRICHLOROETHANE	MG/M^3	<10	<10
TRICHLOROETHENE	**MG/M^3**	**21000 D(2000)E**	**18000 D(2000)E**
TRICHLOROFLUOROMETHANE	MG/M^3	<10	<10
VINYL CHLORIDE	MG/M^3	<25	<25
TOTAL XYLENES	**MG/M^3**	**710**	**350**

SURROGATES:

BROMOCHLOROMETHANE (%)	106	102
TRIFLUOROTOLUENE (%)	100	100

D(2000)=DILUTED 2000X, ANALYZED 06/26/96
*E = ESTIMATED VALUE, OVERRANGE FOR INSTRUMENTATION

GWB-00674-SPARTON

OGC-002000

American Environmental Network, Inc.

GAS CHROMATOGRAPHY RESULTS - QUALITY CONTROL

REAGENT BLANK

TEST	: EPA 8010/8020	AEN I.D.	: 606346
BLANK I.D.	: 062596	MATRIX	: AIR
CLIENT	: SPARTON TECHNOLOGY, INC.	DATE EXTRACTED	: NA
PROJECT #	: 2Q96-SVP	DATE ANALYZED	: 06/25/96
PROJECT NAME	: SOIL GAS VP-1	DIL. FACTOR	: 1

PARAMETER	UNITS	
BENZENE	MG/M^3	<0.05
BROMODICHLOROMETHANE	MG/M^3	<0.02
BROMOFORM	MG/M^3	<0.05
BROMOMETHANE	MG/M^3	<0.10
CARBON TETRACHLORIDE	MG/M^3	<0.02
CHLOROBENZENE	MG/M^3	<0.05
CHLOROETHANE	MG/M^3	<0.05
CHLOROFORM	MG/M^3	<0.05
CHLOROMETHANE	MG/M^3	<0.10
DIBROMOCHLOROMETHANE	MG/M^3	<0.02
1,2-DIBROMOETHANE (EDB)	MG/M^3	<0.02
1,2-DICHLOROBENZENE	MG/M^3	<0.05
1,3-DICHLOROBENZENE	MG/M^3	<0.05
1,4-DICHLOROBENZENE	MG/M^3	<0.05
1,1-DICHLOROETHANE	MG/M^3	<0.03
1,2-DICHLOROETHANE (EDC)	MG/M^3	<0.05
1,1-DICHLOROETHENE	MG/M^3	<0.02
CIS-1,2-DICHLOROETHENE	MG/M^3	<0.02
TRANS-1,2-DICHLOROETHENE	MG/M^3	<0.10
1,2-DICHLOROPROPANE	MG/M^3	<0.02
CIS-1,3-DICHLOROPROPENE	MG/M^3	<0.02
TRANS-1,3-DICHLOROPROPENE	MG/M^3	<0.02
ETHYLBENZENE	MG/M^3	<0.05
METHYL-t-BUTYL ETHER	MG/M^3	<0.25
METHYLENE CHLORIDE	MG/M^3	<0.20
1,1,2,2-TETRACHLOROETHANE	MG/M^3	<0.05
TETRACHLOROETHENE	MG/M^3	<0.05
TOLUENE	MG/M^3	<0.05
1,1,1-TRICHLOROETHANE	MG/M^3	<0.10
1,1,2-TRICHLOROETHANE	MG/M^3	<0.02
TRICHLOROETHENE	MG/M^3	<0.03
TRICHLOROFLUOROMETHANE	MG/M^3	<0.02
VINYL CHLORIDE	MG/M^3	<0.05
TOTAL XYLENES	MG/M^3	<0.05

SURROGATES:

BROMOCHLOROMETHANE (%)	111
TRIFLUOROTOLUENE (%)	106

GWB-00673-SPARTON

American Environmental Network, Inc.

GAS CHROMATOGRAPHY RESULTS - QUALITY CONTROL

REAGENT BLANK

TEST	: EPA 8010/8020	AEN I.D.	: 606346
BLANK I.D.	: 062696	MATRIX	: AIR
CLIENT	: SPARTON TECHNOLOGY, INC.	DATE EXTRACTED	: NA
PROJECT #	: 2Q96-SVP	DATE ANALYZED	: 06/26/96
PROJECT NAME	: SOIL GAS VP-1	DIL. FACTOR	: 1

PARAMETER	UNITS	
BENZENE	MG/M^3	<0.05
BROMODICHLOROMETHANE	MG/M^3	<0.02
BROMOFORM	MG/M^3	<0.05
BROMOMETHANE	MG/M^3	<0.10
CARBON TETRACHLORIDE	MG/M^3	<0.02
CHLOROBENZENE	MG/M^3	<0.05
CHLOROETHANE	MG/M^3	<0.05
CHLOROFORM	MG/M^3	<0.05
CHLOROMETHANE	MG/M^3	<0.10
DIBROMOCHLOROMETHANE	MG/M^3	<0.02
1,2-DIBROMOETHANE (EDB)	MG/M^3	<0.02
1,2-DICHLOROBENZENE	MG/M^3	<0.05
1,3-DICHLOROBENZENE	MG/M^3	<0.05
1,4-DICHLOROBENZENE	MG/M^3	<0.05
1,1-DICHLOROETHANE	MG/M^3	<0.03
1,2-DICHLOROETHANE (EDC)	MG/M^3	<0.05
1,1-DICHLOROETHENE	MG/M^3	<0.02
CIS-1,2-DICHLOROETHENE	MG/M^3	<0.02
TRANS-1,2-DICHLOROETHENE	MG/M^3	<0.10
1,2-DICHLOROPROPANE	MG/M^3	<0.02
CIS-1,3-DICHLOROPROPENE	MG/M^3	<0.02
TRANS-1,3-DICHLOROPROPENE	MG/M^3	<0.02
ETHYLBENZENE	MG/M^3	<0.05
METHYL-t-BUTYL ETHER	MG/M^3	<0.25
METHYLENE CHLORIDE	MG/M^3	<0.20
1,1,2,2-TETRACHLOROETHANE	MG/M^3	<0.05
TETRACHLOROETHENE	MG/M^3	<0.05
TOLUENE	MG/M^3	<0.05
1,1,1-TRICHLOROETHANE	MG/M^3	<0.10
1,1,2-TRICHLOROETHANE	MG/M^3	<0.02
TRICHLOROETHENE	MG/M^3	<0.03
TRICHLOROFLUOROMETHANE	MG/M^3	<0.02
VINYL CHLORIDE	MG/M^3	<0.05
TOTAL XYLENES	MG/M^3	<0.05

SURROGATES:

BROMOCHLOROMETHANE (%)	105
TRIFLUOROTOLUENE (%)	101

GWB-00672-SPARTON

American Environmental Network, Inc.

GAS CHROMATOGRAPHY RESULTS - QUALITY CONTROL

REAGENT BLANK

TEST	: EPA 8010/8020	AEN I.D.	: 606346
BLANK I.D.	: 062796	MATRIX	: AIR
CLIENT	: SPARTON TECHNOLOGY, INC.	DATE EXTRACTED	: NA
PROJECT #	: 2Q96-SVP	DATE ANALYZED	: 06/27/96
PROJECT NAME	: SOIL GAS VP-1	DIL. FACTOR	: 1

PARAMETER	UNITS	
BENZENE	MG/M^3	<0.05
BROMODICHLOROMETHANE	MG/M^3	<0.02
BROMOFORM	MG/M^3	<0.05
BROMOMETHANE	MG/M^3	<0.10
CARBON TETRACHLORIDE	MG/M^3	<0.02
CHLOROBENZENE	MG/M^3	<0.05
CHLOROETHANE	MG/M^3	<0.05
CHLOROFORM	MG/M^3	<0.05
CHLOROMETHANE	MG/M^3	<0.10
DIBROMOCHLOROMETHANE	MG/M^3	<0.02
1,2-DIBROMOETHANE (EDB)	MG/M^3	<0.02
1,2-DICHLOROBENZENE	MG/M^3	<0.05
1,3-DICHLOROBENZENE	MG/M^3	<0.05
1,4-DICHLOROBENZENE	MG/M^3	<0.05
1,1-DICHLOROETHANE	MG/M^3	<0.03
1,2-DICHLOROETHANE (EDC)	MG/M^3	<0.05
1,1-DICHLOROETHENE	MG/M^3	<0.02
CIS-1,2-DICHLOROETHENE	MG/M^3	<0.02
TRANS-1,2-DICHLOROETHENE	MG/M^3	<0.10
1,2-DICHLOROPROPANE	MG/M^3	<0.02
CIS-1,3-DICHLOROPROPENE	MG/M^3	<0.02
TRANS-1,3-DICHLOROPROPENE	MG/M^3	<0.02
ETHYLBENZENE	MG/M^3	<0.05
METHYL-t-BUTYL ETHER	MG/M^3	<0.25
METHYLENE CHLORIDE	MG/M^3	<0.20
1,1,2,2-TETRACHLOROETHANE	MG/M^3	<0.05
TETRACHLOROETHENE	MG/M^3	<0.05
TOLUENE	MG/M^3	<0.05
1,1,1-TRICHLOROETHANE	MG/M^3	<0.10
1,1,2-TRICHLOROETHANE	MG/M^3	<0.02
TRICHLOROETHENE	MG/M^3	<0.03
TRICHLOROFLUOROMETHANE	MG/M^3	<0.02
VINYL CHLORIDE	MG/M^3	<0.05
TOTAL XYLENES	MG/M^3	<0.05

SURROGATES:

BROMOCHLOROMETHANE (%)	104
TRIFLUOROTOLUENE (%)	102

GWB-00671-SPARTON

American Environmental Network, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

MSMSD

TEST	: PURGEABLE HALOCARBONS/AROMATICS (EPA 8010/8020)		
MSMSD #	: 062796	AEN I.D.	: 606346
CLIENT	: SPARTON TECHNOLOGY, INC.	DATE EXTRACTED	: NA
PROJECT #	: 2Q96-SVP	DATE ANALYZED	: 06/27/96
PROJECT NAME	: SOIL GAS VP-1	SAMPLE MATRIX	: AIR
REF. I.D.	: 062796	UNITS	: MG/M^3

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD
BENZENE	<0.05	1.00	0.84	84	0.93	93	10
CHLOROBENZENE	<0.05	1.00	0.92	92	1.02	102	10
1,1-DICHLOROETHENE	<0.02	1.00	0.91	91	1.00	100	9
TOLUENE	<0.05	1.00	0.88	88	0.97	97	10
TRICHLOROETHENE	<0.03	1.00	1.03	103	1.09	109	6

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

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

OGC-002005

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

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

CHAIN OF CUSTODY

DATE: 6-25-96 PAGE 1 OF 1

ATI LAB I.D. 606346

PROJECT MANAGER: John M. Wakefield

COMPANY: Sparton Technology Inc.
ADDRESS: 9621 Coors Rd. NW
Albuquerque NM 87114
PHONE: (505) 892-5300
FAX: 5515

BILL TO: "
COMPANY: "
ADDRESS: 4901 Rockaway Blvd.
Rio Rancho NM 87124

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)			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
VP-1 Zone 6, 270	10-25-96	0921	Gas	-01							X	X																					1
" Zone 5, 247	"	0939	"	-02							X	X																					1
" Zone 4, 568	"	0953	"	-03							X	X																					1
" Zone 3, 700	"	1032	"	-04							X	X																					1
" Zone 2, 694	"	1105	"	-05							X	X																					1
" Zone 1, 375	"	1128	"	-06							X	X																					1

PID readings ppm TCE

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJ. NO.:	2Q96-SVP	NO. CONTAINERS	6
PROJ. NAME:	Soil Gas VP-1	CUSTODY SEALS	Y (N) NA
P.O. NO.:		RECEIVED INTACT	Y
SHIPPED VIA:	Delivered	RECEIVED COLD	NA Air

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

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

Comments: Fax prelim data to JMW 892-5515

SAMPLED & RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: John M. Wakefield Time: 13:36	Signature: Time:	Signature: Time:
Printed Name: John M. Wakefield Date: 6-25-96	Printed Name: Date:	Printed Name: Date:
Company: STI Phone: 892-5300	Company:	Company:

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: (LAB) 3.
Signature: Time:	Signature: Time:	Signature: Time: 13:39
Printed Name: Date:	Printed Name: Date:	Printed Name: Dan Johnson Date: 6-25-96
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

JWB-00669-SPARTON

STATE OF NEW MEXICO | DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700

700 Camino de Salud, NE
[505] 841-2500

ORGANIC CHEMISTRY SECTION [505] 841-2570

REPORT TO CLIENT:

Attn: Rob Pine
NMED / Assessment & Abatement Sec.
P.O. Box 26110
Santa Fe, New Mexico 87502

SLD No.: OR- 9602069
REQUEST ID No.: 151914
RECEIVED AT SLD: 6/25/96
SLD COPY
USER 55321

SAMPLE COLLECTION: DATE: 6/25/96 TIME: 11:28 BY: Pine
SAMPLING LOCATION: Sparton VP-1 @ 10 feet
SAMPLE MATRIX: Gas
REPORTING UNITS: ug/L

Remarks:

EPA METHOD 8260 Modified MASS SPECTROMETER VOLATILES BY PURGE AND TRAP

DATE EXTRACTED: N/A
DATE ANALYZED: 6/26/96 1 Days: Within EPA Analysis Time
AIR SAMPLE VOL (ml): 0.025

ANALYSIS No.: OR- 9602069
SLD BATCH No.: 294a&d
DILUTION FACTOR: 40.00
REQUEST ID No.: 151914

Barometric Pressure During Analayis in mm of Mercury: 636 mm

CAS #	ANALYTE NAME	CONCENTRATION uG/L (air)	CONCENTRATION ppm V/V	QUAL.	SDL uG/L	SDL ppm V/V
71-43-2	Benzene			U	200.0	76.4
108-86-1	Bromobenzene			U	200.0	37.9
74-97-5	Bromochloromethane			U	200.0	46.2
75-27-4	Bromodichloromethane*			U	200.0	36.3
75-25-2	Bromoform*			U	200.0	23.5
24-83-9	Bromomethane			U	200.0	62.7
78-93-3	2-Butanone (MEK)			U	2000.0	827.4
104-51-8	n-Butylbenzene			U	200.0	44.5
135-98-8	sec-Butylbenzene			U	200.0	44.5
98-06-6	tert-Butylbenzene			U	200.0	44.5
1634-04-4	tert-Butyl methyl ether (MTBE)			U	2000.0	677.0
56-23-5	Carbon tetrachloride			U	200.0	38.7
108-90-7	Chlorobenzene (monochlorobenzene)			U	200.0	52.7
75-00-3	Chloroethane			U	200.0	91.6
67-66-3	Chloroform*			U	200.0	50.1
74-87-3	Chloromethane			U	200.0	119.1
95-49-8	2-Chlorotoluene			U	200.0	47.3
106-43-4	4-Chlorotoluene			U	200.0	47.3
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			U	200.0	25.1
124-48-1	Dibromochloromethane*			U	200.0	28.6
106-93-4	1,2-Dibromoethane (Ethylene dibromide (EDB))			U	200.0	31.7
74-95-3	Dibromomethane			U	200.0	63.4
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)			U	200.0	40.5
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)			U	200.0	40.5
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)			U	200.0	40.5
75-71-8	Dichlorodifluoromethane			U	200.0	49.2
75-34-3	1,1-Dichloroethane			U	200.0	60.2
107-06-2	1,2-Dichloroethane			U	200.0	60.2
75-35-4	1,1-Dichloroethene	1100	340		200.0	61.4
156-59-2	cis-1,2-Dichloroethene			U	200.0	61.4
156-60-5	trans-1,2-Dichloroethene			U	200.0	61.4
78-87-5	1,2-Dichloropropane			U	200.0	52.7
142-28-9	1,3-Dichloropropane			U	200.0	52.7
590-20-7	2,2-Dichloropropane			U	200.0	52.7
563-58-6	1,1-Dichloropropene			U	200.0	53.7
1006-01-5	cis-1,3-Dichloropropene			U	200.0	53.7
1006-02-6	trans-1,3-Dichloropropene			U	200.0	53.7
100-41-4	Ethylbenzene	300	83		200.0	56.2
87-68-3	Hexachlorobutadiene			U	200.0	22.8
98-82-8	Isopropylbenzene			U	200.0	49.6
99-87-6	4-Isopropyltoluene			U	200.0	44.1
75-09-2	Methylene chloride (Dichloromethane)			U	400.0	140.2

SEP 1996 RECEIVED

91-20-3	Naphthalene			U	200.0	37.7
103-65-1	Propylbenzene			U	200.0	49.6
100-42-5	Styrene			U	200.0	57.3
630-20-6	1,1,1,2-Tetrachloroethane			U	200.0	35.5
79-34-5	1,1,2,2-Tetrachloroethane			U	200.0	35.5
127-18-4	Tetrachloroethene	310	54		200.0	35.9
109-99-9	Tetrahydrofuran (THF)			U	2000.0	827.4
108-88-3	Toluene	2100	660		200.0	64.8
87-61-5	1,2,3-Trichlorobenzene			U	200.0	32.9
120-82-1	1,2,4-Trichlorobenzene			U	200.0	32.9
71-55-6	1,1,1-Trichloroethane	6000	1300		200.0	44.8
79-00-5	1,1,2-Trichloroethane			U	200.0	44.8
79-01-6	Trichloroethene	19000	4300		200.0	45.5
75-69-4	Trichlorofluoromethane			U	200.0	43.2
96-18-4	1,2,3-Trichloropropane			U	200.0	40.5
95-63-6	1,2,4-Trimethylbenzene			U	200.0	49.6
108-67-8	1,3,5-Trimethylbenzene			U	200.0	49.6
75-01-4	Vinyl chloride			U	200.0	96.1
95-47-6	o-Xylene#	250	69		200.0	56.2
N/A	p- & m-Xylene#	170	46	J	200.0	56.2
N/A	#Total Xylenes#	420	115		200.0	0.0
						ug/L

LABORATORY BATCH QUALITY CONTROL SUMMARY

	SURROGATE COMPOUNDS	CONCENTRATION	% RECOVERY
SURROGATE RECOVERIES:	Toluene - D8	19400	97.0%
	4 - Bromofluorobenzene	16800	84.0%
	1,2 - Dichlorobenzene - D4	22600	113.0%

LABORATORY FORTIFIED BLANK RECOVERIES

The % recoveries for compounds in the batch spike were from 80% to 120% with the exception of the compounds listed below:

COMPOUND	TARGET CONC. (uG/L)	% RECOVERY
2,2-Dichloropropane	50	172%
2-Butaonone	50	79%
Tetrahydrofuran	200	79%
Benzene	50	61%

LABORATORY BLANKS

No target compounds were detected above the sample detection limit in laboratory blank with the ecxeption of the compound(s) listed below:

COMPOUND	CONCENTRATION (mg/L)
No Exceptions	

ANALYST: **Patrick Basile** QC APPROVED BY: **Ken Sherrell**

DEFINITIONS

**	Concentration Exceeds EPA's allowable Maximum Contamination Level
CAS#	Chemical Abstract Services Number - Unique number to help identify analytes listed by different names
CONC.	Concentration (ug/L) of analyte actually detected in the sample
QUAL	Qualifier of analytical results as follows:
	B Analyte was detected in laboratory blank
	J Analyte was detected at a level below which an accurate quanitation can be given (~5 * SDL)
	U No analyte was detected above the Sample Detection Limit.
SDL	Sample Detection Limit - The lowest concentration which can be differentiated from Zero with 99% confidence taking sample size (compositing) into account.
ug/L	Concentration Units - micrograms per liter which is approximately equivalent to Parts Per Billion (ppb)

ORGANIC CHEMISTRY ANALYTICAL REQUEST FORM

SCIENTIFIC LABORATORY DIVISION
700 CAMINO DE SALUD N.E., ALBUQUERQUE, NM 87106
Organic Chemistry Section - Telephone: (505) 841-2570

SLD No. OR96-2069-B

Date Received:

Request ID No. 151914-B

2 User Code #: 5,5,3,2,1

3 Request ID No.:

4 Priority Code #: 3 [If "1" or "2", call ED-SLD Coordinator]

5 Facility Name: Sparton

6 County: Bernalillo

7 City: Albuquerque

8 State: N M

9 Sample Location: Sparton VP-1 10 Feet

10 Collected By: Rob Pine (First / Last) On: 96/06/25 (Date: YY/MM/DD) At: 1112 hrs. (Time: 24 hr. clock 3:00 pm = 1500 hrs.)

11 Codes: 4 1 8 (Submitter) - (WSS #) (Organization)

12 Latitude (DDMMSS) ° ' "
Longitude (DDDMMSS) ° ' "
2 Digit ID (If needed)

13 Report To: Name Rob Pine

14 Phone #: 827-0178

Address: NMED / Assessment & Abatement Section
P.O. Box 26110
City, State Zip: Santa Fe, NM 87502

15 Sampling Information:
Sample Purpose:
- ☐ Compliance
- ☐ NMED Monitoring
- ☐ Confirmation
- ☐ Special

- ☐ Grab
- ☐ Composite _____ (Composite Time Period)
- ☐ Flow Proportioned
- ☐ Equal Aliquot
- ☐ Sample Split w/Permittee
- ☐ Chain of Custody

16 Field Data: pH: _____, Conductivity: _____ umhos/cm @ Temperature: _____ °C, Chlorine Residual: _____ mg/l, Flow: _____

17 Sample Source:
- ☐ -Stream
- ☐ -Lake
- ☐ -Drain
- ☐ -Pool
- ☐ -WWTP
- ☐ -Entry Point to Distribution
- ☐ -Well; Depth: _____
- ☐ -Spring
- ☐ -Distribution
- ☐ -Other: _____

18 Field Remarks:
Project Code: 515

19 Sample Type:
- ☐ - Water
- ☐ - Wastewater { ☐ - Unchlorinated ☐ - Chlorinated
- ☐ - Soil, ☐ - Food, ■ - Other Air

This form accompanies a single sample consisting of:
- ____ - septum vial(s) (volume = _____ ml ea.)
- ____ - glass jug(s) (volume = _____ ml ea.)
- 1 - Tedlar bag (volume = _____)

20 Preservation:
- ☐ - NP No Preservation; Sample stored at room temperature
- ☐ - P-Ice Sample stored in an ice bath (Not Frozen)
- ☐ - P-TS Sample Preserved with Sodium Thiosulfate to remove chlorine residual
- ☐ - P-HCl Sample Preserved with Hydrochloric Acid (2 drops/40 ml)
- ☐ - P-$HgCl_2$ Sample Preserved with 20 mg/l Mercuric Chloride
- ☐ - Other _____

21 Analyses Requested: Please check the appropriate box(es) below to indicate the type of analytical screen(s) required. Whenever possible, list specific compounds suspected or required, and note below whenever highly contaminated samples are suspected.

Volatile Screens:
- ☐ - (753) Aliphatic Headspace (Qualitative Screen)
- ■ - (754) Aromatic & Halogenated Purgeables (EPA 601/2)
- ☐ - (765) Mass Spectrometer Purgeables (EPA 624)
- ☐ - (766) SDWA Total Trihalomethanes (EPA 501.1)
- ☐ - (774) SDWA VOC's I [21 REGULATED +] (EPA 502.2)
- ☐ - (775) SDWA VOC's II [EDB & DBCP] (EPA 504)
- ☐ - (790) Composite Sample for Analysis No. _____

Other Specific Compounds or Classes:
- ☐ - ( ) _____
- ☐ - ( ) _____

Semivolatile Screens:
- ☐ - (755) Base/Neutral Extractables (EPA 625)
- ☐ - (756) Base/Neutral/Acid Extractables (EPA 8270)
- ☐ - (772) Carbamate Pesticides (EPA 531.1)
- ☐ - (758) Herbicides, Chlorophenoxy Acid (EPA 515.1)
- ☐ - (759) Herbicides, Triazine (EPA 507)
- ☐ - (751) Hydrocarbon Fuel Screen (EPA M-8015)
- ☐ - (760) Organochlorine Pesticides (EPA 505)
- ☐ - (761) Organophosphate Pesticides (EPA 507)
- ☐ - (767) Polychlorinated Biphenyls (PCB's) in Oil
- ☐ - (762) SDWA Synthetic Org. Cmpds. (SLD 758/760)
- ☐ - (782) Total Petroleum Hydrocarbons (EPA 418.1)

Remarks:

96 JUN 25 PM 1:10

STATE OF NEW MEXICO DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700

700 Camino de Salud, NE
[505] 841-2500

ORGANIC CHEMISTRY SECTION [505] 841-2570

REPORT TO CLIENT:

Attn: Rob Pine
NMED / Assessment & Abatement Sec.
P.O. Box 26110
Santa Fe, New Mexico 87502

SLD No.: OR- 9602064
REQUEST ID No.: 151909
RECEIVED AT SLD: 6/25/96
SLD COPY
USER 55321

SAMPLE COLLECTION: DATE: 6/25/96 TIME: 9:20 BY: Pine
SAMPLING LOCATION: Sparton VP-1 @ 60 feet
SAMPLE MATRIX: Gas REPORTING UNITS: ug/L

Remarks:

EPA METHOD 8260 Modified MASS SPECTROMETER VOLATILES BY PURGE AND TRAP

DATE EXTRACTED: N/A
DATE ANALYZED: 6/26/96 1 Days: Within EPA Analysis Time
AIR SAMPLE VOL (ml): 0.05

ANALYSIS No.: OR- 9602064
SLD BATCH No.: 294a&d
DILUTION FACTOR: 20.00
REQUEST ID No.: 151909

Barometric Pressure During Analayis in mm of Mercury: 636

CAS #	ANALYTE NAME	CONCENTRATION		QUAL.	SDL	SDL
		uG/L (air)	ppm V/V		uG/L	ppm V/V
71-43-2	Benzene			U	100.0	38.2
108-86-1	Bromobenzene			U	100.0	19.0
74-97-5	Bromochloromethane			U	100.0	23.1
75-27-4	Bromodichloromethane*			U	100.0	18.2
75-25-2	Bromoform*			U	100.0	11.8
24-83-9	Bromomethane			U	100.0	31.4
78-93-3	2-Butanone (MEK)			U	1000.0	413.7
104-51-8	n-Butylbenzene			U	100.0	22.2
135-98-8	sec-Butylbenzene			U	100.0	22.2
98-06-6	tert-Butylbenzene			U	100.0	22.2
1634-04-4	tert-Butyl methyl ether (MTBE)			U	1000.0	338.5
56-23-5	Carbon tetrachloride			U	100.0	19.3
108-90-7	Chlorobenzene (monochlorobenzene)			U	100.0	26.4
75-00-3	Chloroethane			U	100.0	45.8
67-66-3	Chloroform*			U	100.0	25.0
74-87-3	Chloromethane			U	100.0	59.6
95-49-8	2-Chlorotoluene			U	100.0	23.6
106-43-4	4-Chlorotoluene			U	100.0	23.6
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			U	100.0	12.6
124-48-1	Dibromochloromethane*			U	100.0	14.3
106-93-4	1,2-Dibromoethane (Ethylene dibromide (EDB))			U	100.0	15.8
74-95-3	Dibromomethane			U	100.0	31.7
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)			U	100.0	20.3
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)			U	100.0	20.3
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)			U	100.0	20.3
75-71-8	Dichlorodifluoromethane			U	100.0	24.6
75-34-3	1,1-Dichloroethane			U	100.0	30.1
107-06-2	1,2-Dichloroethane			U	100.0	30.1
75-35-4	1,1-Dichloroethene	1200	350		100.0	30.7
156-59-2	cis-1,2-Dichloroethene			U	100.0	30.7
156-60-5	trans-1,2-Dichloroethene			U	100.0	30.7
78-87-5	1,2-Dichloropropane			U	100.0	26.4
142-28-9	1,3-Dichloropropane			U	100.0	26.4
590-20-7	2,2-Dichloropropane			U	100.0	26.4
563-58-6	1,1-Dichloropropene			U	100.0	26.8
1006-01-5	cis-1,3-Dichloropropene			U	100.0	26.8
1006-02-6	trans-1,3-Dichloropropene			U	100.0	26.8
100-41-4	Ethylbenzene			U	100.0	28.1
87-68-3	Hexachlorobutadiene			U	100.0	11.4
98-82-8	Isopropylbenzene			U	100.0	24.8
99-87-6	4-Isopropyltoluene			U	100.0	22.1
75-09-2	Methylene chloride (Dichloromethane)			U	200.0	70.1

91-20-3	Naphthalene			U	100.0	18.9
103-65-1	Propylbenzene			U	100.0	24.8
100-42-5	Styrene			U	100.0	28.6
630-20-6	1,1,1,2-Tetrachloroethane			U	100.0	17.7
79-34-5	1,1,2,2-Tetrachloroethane			U	100.0	17.7
127-18-4	Tetrachloroethene	170	29		100.0	17.9
109-99-9	Tetrahydrofuran (THF)			U	1000.0	413.7
108-88-3	Toluene			U	100.0	32.4
87-61-5	1,2,3-Trichlorobenzene			U	100.0	16.5
120-82-1	1,2,4-Trichlorobenzene			U	100.0	16.5
71-55-6	1,1,1-Trichloroethane	3800	840		100.0	22.4
79-00-5	1,1,2-Trichloroethane			U	100.0	22.4
79-01-6	Trichloroethene	10000	2300		100.0	22.7
75-69-4	Trichlorofluoromethane			U	100.0	21.6
96-18-4	1,2,3-Trichloropropane			U	100.0	20.3
95-63-6	1,2,4-Trimethylbenzene			U	100.0	24.8
108-67-8	1,3,5-Trimethylbenzene			U	100.0	24.8
75-01-4	Vinyl chloride			U	100.0	48.0
95-47-6	o-Xylene#			U	100.0	28.1
N/A	p- & m-Xylene#			U	100.0	
N/A	#Total Xylenes#	0.0	0.0	U	100.0	

LABORATORY BATCH QUALITY CONTROL SUMMARY

	SURROGATE COMPOUNDS	CONCENTRATION (uG/L)	% RECOVERY
SURROGATE RECOVERIES:	Toluene - D8	10100	101.0%
	4 - Bromofluorobenzene	9500	95.0%
	1,2 - Dichlorobenzene - D4	11300	113.0%

LABORATORY FORTIFIED BLANK RECOVERIES

The % recoveries for compounds in the batch spike were from 80% to 120% with the exception of the compounds listed below:

COMPOUND	TARGET CONC. (uG/L)	% RECOVERY
2,2-Dichloropropane	50	172%
2-Butanone	50	79%
Tetrahydrofuran	200	79%
Benzene	50	61%

LABORATORY BLANKS

No target compounds were detected above the sample detection limit in laboratory blank with the ecxeption of the compound(s) listed below:

COMPOUND	CONCENTRATION (mg/L)
No Exceptions	

ANALYST: **Patrick Basile** QC APPROVED BY: **Ken Sherrell**

DEFINITIONS

**	Concentration Exceeds EPA's allowable Maximum Contamination Level
CAS#	Chemical Abstract Services Number - Unique number to help identify analytes listed by different names
CONC.	Concentration (ug/L) of analyte actually detected in the sample
QUAL	Qualifier of analytical results as follows:
	B Analyte was detected in laboratory blank
	J Analyte was detected at a level below which an accurate quanitation can be given (~5 * SDL)
	U No analyte was detected above the Sample Detection Limit.
SDL	Sample Detection Limit - The lowest concentration which can be differentiated from Zero with 99% confidence taking sample size (compositing) into account.
ug/L	Concentration Units - micrograms per liter which is approximately equivalent to Parts Per Billion (ppb)

OGC-001934

ORGANIC CHEMISTRY ANALYTICAL REQUEST FORM

SCIENTIFIC LABORATORY DIVISION
700 CAMINO DE SALUD N.E., ALBUQUERQUE, NM 87106
Organic Chemistry Section - Telephone: (505) 841-2570

SLD No. OR96- 2064-B

Date Received:

Request ID No. 151909-B

2 User Code #: 5,5,3,2,1

3 Request ID No.:

Priority Code #: 3 (If "1" or "2", call ED-SLD Coordinator)

5 Facility Name: Sparton

6 County: Bernalillo

7 City: Albuquerque

8 State: N M

9 Sample Location: Sparton VP-1 60 Feet

10 Collected By: Rob Pine (First / Last) On: 96/06/25 (Date: YY/MM/DD) At: 0920 hrs. (Time: 24 hr. clock 3:00 pm = 1500 hrs.)

11 Codes: 4 1 8 (Submitter) - (WSS #) (Organization)

12 Latitude (DDMMSS) ° ' "
Longitude (DDDMMSS) ° ' "
2 Digit ID (If needed)

13 Report To: Name Rob Pine

14 Phone #: 827-0178

Address: NMED / Assessment & Abatement Section
P.O. Box 26110

City, State Zip: Santa Fe, NM 87502

15 Sample Purpose:
- [ ] - Compliance
- [ ] - NMED Monitoring
- [ ] - Confirmation
- [ ] - Special

Sampling Information:
- [ ] - Grab
- [ ] - Composite _____ (Composite Time Period)
- [ ] - Flow Proportioned
- [ ] - Equal Aliquot
- [ ] - Sample Split w/Permittee
- [ ] - Chain of Custody

16 Field Data: pH: _____, Conductivity: _____ umhos/cm @ Temperature: _____ °C, Chlorine Residual: _____ mg/l, Flow: _____

17 Sample Source:
- [ ] -Stream
- [ ] -Lake
- [ ] -Drain
- [ ] -Pool
- [ ] -WWTP
- [ ] -Entry Point to Distribution
- [ ] -Well; Depth: _____
- [ ] -Spring
- [ ] -Distribution
- [ ] -Other: _____

18 Field Remarks:
Project Code: 515

19 Sample Type:
- [ ] - Water
- [ ] - Wastewater { [ ] - Unchlorinated [ ] - Chlorinated
- [ ] - Soil, [ ] - Food, [x] - Other Air

This form accompanies a single sample consisting of:
- ____ - septum vial(s) (volume = _____ ml ea.)
- ____ - glass jug(s) (volume = _____ ml ea.)
- 1 - Tedlar bag (volume = _____)

20 Preservation:
- [ ] - NP No Preservation; Sample stored at room temperature
- [ ] - P-Ice Sample stored in an ice bath (Not Frozen)
- [ ] - P-TS Sample Preserved with Sodium Thiosulfate to remove chlorine residual
- [ ] - P-HCl Sample Preserved with Hydrochloric Acid (2 drops/40 ml)
- [ ] - P-$HgCl_2$ Sample Preserved with 20 mg/l Mercuric Chloride
- [ ] - Other _____

21 Analyses Requested: Please check the appropriate box(es) below to indicate the type of analytical screen(s) required. Whenever possible, list specific compounds suspected or required, and note below whenever highly contaminated samples are suspected.

Volatile Screens:

- [ ] - (753) Aliphatic Headspace (Qualitative Screen)
- [x] - (754) Aromatic & Halogenated Purgeables (EPA 601/2)
- [ ] - (765) Mass Spectrometer Purgeables (EPA 624)
- [ ] - (766) SDWA Total Trihalomethanes (EPA 501.1)
- [ ] - (774) SDWA VOC's I [21 REGULATED +] (EPA 502.2)
- [ ] - (775) SDWA VOC's II [EDB & DBCP] (EPA 504)
- [ ] - (790) Composite Sample for Analysis No. _____

Other Specific Compounds or Classes:

- [ ] - ( ) _____
- [ ] - ( ) _____

Semivolatile Screens:

- [ ] - (755) Base/Neutral Extractables (EPA 625)
- [ ] - (756) Base/Neutral/Acid Extractables (EPA 8270)
- [ ] - (772) Carbamate Pesticides (EPA 531.1)
- [ ] - (758) Herbicides, Chlorophenoxy Acid (EPA 515.1)
- [ ] - (759) Herbicides, Triazine (EPA 507)
- [ ] - (751) Hydrocarbon Fuel Screen (EPA M-8015)
- [ ] - (760) Organochlorine Pesticides (EPA 505)
- [ ] - (761) Organophosphate Pesticides (EPA 507)
- [ ] - (767) Polychlorinated Biphenyls (PCB's) in Oil
- [ ] - (762) SDWA Synthetic Org. Cmpds. (SLD 758/760)
- [ ] - (782) Total Petroleum Hydrocarbons (EPA 418.1)

Remarks: 96 JUN 25 PM 1:10

OGC-001935

SLD 8912-OR Revised 2/93

Please RETAIN A COPY of your completed form

STATE OF NEW MEXICO | DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700

700 Camino de Salud, NE
[505] 841-2500

ORGANIC CHEMISTRY SECTION [505] 841-2570

REPORT TO CLIENT:

Attn: Rob Pine
NMED / Assessment & Abatement Sec.
P.O. Box 26110
Santa Fe, New Mexico 87502

SLD No.: OR- 9602065
REQUEST ID No.: 151910
RECEIVED AT SLD: 6/25/96
SLD COPY
USER 55321

SAMPLE COLLECTION: DATE: 6/25/96 TIME: 9:35 BY: Pine
SAMPLING LOCATION: Sparton VP-1 @ 50 feet
SAMPLE MATRIX: Gas REPORTING UNITS: ug/L

Remarks:

EPA METHOD 8260 Modified MASS SPECTROMETER VOLATILES BY PURGE AND TRAP

DATE EXTRACTED: N/A
DATE ANALYZED: 6/26/96 1 Days: Within EPA Analysis Time
AIR SAMPLE VOL (ml): 0.05

ANALYSIS No.: OR- 9602065
SLD BATCH No.: 294a&d
DILUTION FACTOR: 20.00
REQUEST ID No.: 151910

Barometric Pressure During Analayis in mm of Mercury: 636 mm

CAS #	ANALYTE NAME	CONCENTRATION		QUAL.	SDL	SDL
		uG/L (air)	ppm V/V		uG/L	ppm V/V
71-43-2	Benzene			U	100.0	38.2
108-86-1	Bromobenzene			U	100.0	19.0
74-97-5	Bromochloromethane			U	100.0	23.1
75-27-4	Bromodichloromethane*			U	100.0	18.2
75-25-2	Bromoform*			U	100.0	11.8
24-83-9	Bromomethane			U	100.0	31.4
78-93-3	2-Butanone (MEK)			U	1000.0	413.7
104-51-8	n-Butylbenzene			U	100.0	22.2
135-98-8	sec-Butylbenzene			U	100.0	22.2
98-06-6	tert-Butylbenzene			U	100.0	22.2
1634-04-4	tert-Butyl methyl ether (MTBE)			U	1000.0	338.5
56-23-5	Carbon tetrachloride			U	100.0	19.3
108-90-7	Chlorobenzene (monochlorobenzene)			U	100.0	26.4
75-00-3	Chloroethane			U	100.0	45.8
67-66-3	Chloroform*			U	100.0	25.0
74-87-3	Chloromethane			U	100.0	59.6
95-49-8	2-Chlorotoluene			U	100.0	23.6
106-43-4	4-Chlorotoluene			U	100.0	23.6
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			U	100.0	12.6
124-48-1	Dibromochloromethane*			U	100.0	14.3
106-93-4	1,2-Dibromoethane (Ethylene dibromide (EDB))			U	100.0	15.8
74-95-3	Dibromomethane			U	100.0	31.7
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)			U	100.0	20.3
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)			U	100.0	20.3
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)			U	100.0	20.3
75-71-8	Dichlorodifluoromethane			U	100.0	24.6
75-34-3	1,1-Dichloroethane			U	100.0	30.1
107-06-2	1,2-Dichloroethane			U	100.0	30.1
75-35-4	1,1-Dichloroethene	1000	310		100.0	30.7
156-59-2	cis-1,2-Dichloroethene			U	100.0	30.7
156-60-5	trans-1,2-Dichloroethene			U	100.0	30.7
78-87-5	1,2-Dichloropropane			U	100.0	26.4
142-28-9	1,3-Dichloropropane			U	100.0	26.4
590-20-7	2,2-Dichloropropane			U	100.0	26.4
563-58-6	1,1-Dichloropropene			U	100.0	26.8
1006-01-5	cis-1,3-Dichloropropene			U	100.0	26.8
1006-02-6	trans-1,3-Dichloropropene			U	100.0	26.8
100-41-4	Ethylbenzene			U	100.0	28.1
87-68-3	Hexachlorobutadiene			U	100.0	11.4
98-82-8	Isopropylbenzene			U	100.0	24.8
99-87-6	4-Isopropyltoluene			U	100.0	22.1
75-09-2	Methylene chloride (Dichloromethane)			U	200.0	70.1

91-20-3	Naphthalene			U	100.0	18.9
103-65-1	Propylbenzene			U	100.0	24.8
100-42-5	Styrene			U	100.0	28.6
630-20-6	1,1,1,2-Tetrachloroethane			U	100.0	17.7
79-34-5	1,1,2,2-Tetrachloroethane			U	100.0	17.7
127-18-4	Tetrachloroethene	160	27		100.0	17.9
109-99-9	Tetrahydrofuran (THF)			U	1000.0	413.7
108-88-3	Toluene			U	100.0	32.4
87-61-5	1,2,3-Trichlorobenzene			U	100.0	16.5
120-82-1	1,2,4-Trichlorobenzene			U	100.0	16.5
71-55-6	1,1,1-Trichloroethane	2600	580		100.0	22.4
79-00-5	1,1,2-Trichloroethane			U	100.0	22.4
79-01-6	Trichloroethene	9400	2100		100.0	22.7
75-69-4	Trichlorofluoromethane			U	100.0	21.6
96-18-4	1,2,3-Trichloropropane			U	100.0	20.3
95-63-6	1,2,4-Trimethylbenzene			U	100.0	24.8
108-67-8	1,3,5-Trimethylbenzene			U	100.0	24.8
75-01-4	Vinyl chloride			U	100.0	48.0
95-47-6	o-Xylene#			U	100.0	28.1
N/A	p- & m-Xylene#			U	100.0	
N/A	#Total Xylenes#	0.0	0.0	U	100.0	

LABORATORY BATCH QUALITY CONTROL SUMMARY

	SURROGATE COMPOUNDS	CONCENTRATION	% RECOVERY
SURROGATE RECOVERIES:	Toluene - D8	10200	102.0%
	4 - Bromofluorobenzene	8790	87.9%
	1,2 - Dichlorobenzene - D4	11600	116.0%

LABORATORY FORTIFIED BLANK RECOVERIES

The % recoveries for compounds in the batch spike were from 80% to 120% with the exception of the compounds listed below:

COMPOUND	TARGET CONC. (uG/L)	% RECOVERY
2,2-Dichloropropane	50	172%
2-Butanone	50	79%
Tetrahydrofuran	200	79%
Benzene	50	61%

LABORATORY BLANKS

No target compounds were detected above the sample detection limit in laboratory blank with the ecxeption of the compound(s) listed below:

COMPOUND	CONCENTRATION (mg/L)
No Exceptions	

ANALYST: **Patrick Basile** QC APPROVED BY: **Ken Sherrell** KS

DEFINITIONS

- ** Concentration Exceeds EPA's allowable Maximum Contamination Level
- CAS# Chemical Abstract Services Number - Unique number to help identify analytes listed by different names
- CONC. Concentration (ug/L) of analyte actually detected in the sample
- QUAL Qualifier of analytical results as follows:
  - B Analyte was detected in laboratory blank
  - J Analyte was detected at a level below which an accurate quanitation can be given (~5 * SDL)
  - U No analyte was detected above the Sample Detection Limit.
- SDL Sample Detection Limit - The lowest concentration which can be differentiated from Zero with 99% confidence taking sample size (compositing) into account.
- ug/L Concentration Units - micrograms per liter which is approximately equivalent to Parts Per Billion (ppb)

ORGANIC CHEMISTRY ANALYTICAL REQUEST FORM

SCIENTIFIC LABORATORY DIVISION
700 CAMINO DE SALUD N.E., ALBUQUERQUE, NM 87106
Organic Chemistry Section - Telephone: (505) 841-2570

SLD No. OR96- 2065-B

Date Received:

Request ID No. 151910-B

2 User Code #: 55321

3 Request ID No.:

4 Priority Code #: 3 [If "1" or "2", call ED-SLD Coordinator]

5 Facility Name: Sparton

6 County: Bernalillo

7 City: Albuquerque

8 State: NM

9 Sample Location: Sparton VP-1 50 Feet

10 Collected By: Rob Pine (First / Last) On: 96/06/25 (Date: YY/MM/DD) At: 0935 hrs. (Time: 24 hr. clock 3:00 pm = 1500 hrs.)

11 Codes: 418 (Submitter) - (WSS #) (Organization)

12 Latitude (DDMMSS) ° ' "
Longitude (DDDMMSS) ° ' "
2 Digit ID (If needed)

13 Report To: Name Rob Pine

14 Phone #: 827-0178

Address: NMED / Assessment & Abatement Section
P.O. Box 26110
City, State Zip: Santa Fe, NM 87502

15 Sampling Information:
Sample Purpose:
- ☐ Compliance
- ☐ NMED Monitoring
- ☐ Confirmation
- ☐ Special

☐ - Grab
☐ - Composite _____ (Composite Time Period)
☐ - Flow Proportioned
☐ - Equal Aliquot
☐ - Sample Split w/Permittee
☐ - Chain of Custody

16 Field Data: pH: _____, Conductivity: _____ umhos/cm @ Temperature: _____ °C, Chlorine Residual: _____ mg/l, Flow: _____

17 Sample Source:
- ☐ -Stream
- ☐ -Lake
- ☐ -Drain
- ☐ -Pool
- ☐ -WWTP
- ☐ -Entry Point to Distribution
- ☐ -Well; Depth: _____
- ☐ -Spring
- ☐ -Distribution
- ☐ -Other: _____

18 Field Remarks:
Project Code: 515

19 Sample Type:
- ☐ - Water
- ☐ - Wastewater { ☐ - Unchlorinated ☐ - Chlorinated
- ☐ - Soil, ☐ - Food, ■ - Other Air

This form accompanies a single sample consisting of:
- ____ - septum vial(s) (volume = _____ ml ea.)
- ____ - glass jug(s) (volume = _____ ml ea.)
- 1 - Tedlar bag (volume = _____)

20 Preservation:
- ☐ - NP — No Preservation; Sample stored at room temperature
- ☐ - P-Ice — Sample stored in an ice bath (Not Frozen)
- ☐ - P-TS — Sample Preserved with Sodium Thiosulfate to remove chlorine residual
- ☐ - P-HCl — Sample Preserved with Hydrochloric Acid (2 drops/40 ml)
- ☐ - P-$HgCl_2$ — Sample Preserved with 20 mg/l Mercuric Chloride
- ☐ - Other _____

21 Analyses Requested: Please check the appropriate box(es) below to indicate the type of analytical screen(s) required. Whenever possible, list specific compounds suspected or required, and note below whenever highly contaminated samples are suspected.

Volatile Screens:

- ☐ - (753) Aliphatic Headspace (Qualitative Screen)
- ■ - (754) Aromatic & Halogenated Purgeables (EPA 601/2)
- ☐ - (765) Mass Spectrometer Purgeables (EPA 624)
- ☐ - (766) SDWA Total Trihalomethanes (EPA 501.1)
- ☐ - (774) SDWA VOC's I [21 REGULATED +] (EPA 502.2)
- ☐ - (775) SDWA VOC's II [EDB & DBCP] (EPA 504)
- ☐ - (790) Composite Sample for Analysis No. _____

Other Specific Compounds or Classes:

- ☐ - ( ) _____
- ☐ - ( ) _____

Semivolatile Screens:

- ☐ - (755) Base/Neutral Extractables (EPA 625)
- ☐ - (756) Base/Neutral/Acid Extractables (EPA 8270)
- ☐ - (772) Carbamate Pesticides (EPA 531.1)
- ☐ - (758) Herbicides, Chlorophenoxy Acid (EPA 515.1)
- ☐ - (759) Herbicides, Triazine (EPA 507)
- ☐ - (751) Hydrocarbon Fuel Screen (EPA M-8015)
- ☐ - (760) Organochlorine Pesticides (EPA 505)
- ☐ - (761) Organophosphate Pesticides (EPA 507)
- ☐ - (767) Polychlorinated Biphenyls (PCB's) in Oil
- ☐ - (762) SDWA Synthetic Org. Cmpds. (SLD 758/760)
- ☐ - (782) Total Petroleum Hydrocarbons (EPA 418.1)

Remarks:

96 JUN 25 PM 1:10

Please RETAIN A COPY of your completed form

STATE OF NEW MEXICO DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505] 841-2500
ORGANIC CHEMISTRY SECTION [505] 841-2570

REPORT TO CLIENT:

Attn: Rob Pine
NMED / Assessment & Abatement Sec.
P.O. Box 26110
Santa Fe, New Mexico 87502

SLD No.: OR- 9602066
REQUEST ID No.: 151911
RECEIVED AT SLD: 6/25/96
SLD COPY
USER 55321

SAMPLE COLLECTION: DATE: 6/25/96 TIME: 9:50 BY: Pine
SAMPLING LOCATION: Sparton VP-1 @ 40 feet
SAMPLE MATRIX: Gas REPORTING UNITS: ug/L

Remarks:

EPA METHOD 8260 Modified MASS SPECTROMETER VOLATILES BY PURGE AND TRAP

DATE EXTRACTED: N/A
DATE ANALYZED: 6/26/96 1 Days: Within EPA Analysis Time
AIR SAMPLE VOL (ml): 0.025

ANALYSIS No.: OR- 9602066
SLD BATCH No.: 294a&b&d
DILUTION FACTOR: 40.00
REQUEST ID No.: 151911

Barometric Pressure During Analayis in mm of Mercury: 636

CAS #	ANALYTE NAME	CONCENTRATION		QUAL.	SDL	SDL
		uG/L (air)	ppm V/V		uG/L	ppm V/V
71-43-2	Benzene			U	200.0	76.4
108-86-1	Bromobenzene			U	200.0	37.9
74-97-5	Bromochloromethane			U	200.0	46.2
75-27-4	Bromodichloromethane*			U	200.0	36.3
75-25-2	Bromoform*			U	200.0	23.5
24-83-9	Bromomethane			U	200.0	62.7
78-93-3	2-Butanone (MEK)			U	2000.0	827.4
104-51-8	n-Butylbenzene			U	200.0	44.5
135-98-8	sec-Butylbenzene			U	200.0	44.5
98-06-6	tert-Butylbenzene			U	200.0	44.5
1634-04-4	tert-Butyl methyl ether (MTBE)			U	2000.0	677.0
56-23-5	Carbon tetrachloride			U	200.0	38.7
108-90-7	Chlorobenzene (monochlorobenzene)			U	200.0	52.7
75-00-3	Chloroethane			U	200.0	91.6
67-66-3	Chloroform*			U	200.0	50.1
74-87-3	Chloromethane			U	200.0	119.1
95-49-8	2-Chlorotoluene			U	200.0	47.3
106-43-4	4-Chlorotoluene			U	200.0	47.3
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			U	200.0	25.1
124-48-1	Dibromochloromethane*			U	200.0	28.6
106-93-4	1,2-Dibromoethane (Ethylene dibromide (EDB))			U	200.0	31.7
74-95-3	Dibromomethane			U	200.0	63.4
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)			U	200.0	40.5
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)			U	200.0	40.5
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)			U	200.0	40.5
75-71-8	Dichlorodifluoromethane			U	200.0	49.2
75-34-3	1,1-Dichloroethane			U	200.0	60.2
107-06-2	1,2-Dichloroethane			U	200.0	60.2
75-35-4	1,1-Dichloroethene	1500	460		200.0	61.4
156-59-2	cis-1,2-Dichloroethene			U	200.0	61.4
156-60-5	trans-1,2-Dichloroethene			U	200.0	61.4
78-87-5	1,2-Dichloropropane			U	200.0	52.7
142-28-9	1,3-Dichloropropane			U	200.0	52.7
590-20-7	2,2-Dichloropropane			U	200.0	52.7
563-58-6	1,1-Dichloropropene			U	200.0	53.7
1006-01-5	cis-1,3-Dichloropropene			U	200.0	53.7
1006-02-6	trans-1,3-Dichloropropene			U	200.0	53.7
100-41-4	Ethylbenzene	47	13	J	200.0	56.2
87-68-3	Hexachlorobutadiene			U	200.0	22.8
98-82-8	Isopropylbenzene			U	200.0	49.6
99-87-6	4-Isopropyltoluene			U	200.0	44.1
75-09-2	Methylene chloride (Dichloromethane)			U	400.0	140.2

91-20-3	Naphthalene			U	200.0	37.7
103-65-1	Propylbenzene			U	200.0	49.6
100-42-5	Styrene			U	200.0	57.3
630-20-6	1,1,1,2-Tetrachloroethane			U	200.0	35.5
79-34-5	1,1,2,2-Tetrachloroethane			U	200.0	35.5
127-18-4	Tetrachloroethene	210	38		200.0	35.9
109-99-9	Tetrahydrofuran (THF)			U	2000.0	827.4
108-88-3	Toluene	103	33	J	200.0	64.8
87-61-5	1,2,3-Trichlorobenzene			U	200.0	32.9
120-82-1	1,2,4-Trichlorobenzene			U	200.0	32.9
71-55-6	1,1,1-Trichloroethane	6600	1500		200.0	44.8
79-00-5	1,1,2-Trichloroethane			U	200.0	44.8
79-01-6	Trichloroethene	22000	5000		200.0	45.5
75-69-4	Trichlorofluoromethane			U	200.0	43.2
96-18-4	1,2,3-Trichloropropane			U	200.0	40.5
95-63-6	1,2,4-Trimethylbenzene			U	200.0	49.6
108-67-8	1,3,5-Trimethylbenzene			U	200.0	49.6
75-01-4	Vinyl chloride			U	200.0	96.1
95-47-6	o-Xylene#			U	200.0	56.2
N/A	p- & m-Xylene#	70	19	J	200.0	56.2
N/A	#Total Xylenes#	70	19	J	200.0	0.0
						ug/L

LABORATORY BATCH QUALITY CONTROL SUMMARY

	SURROGATE COMPOUNDS	CONCENTRATION (uG/L)	% RECOVERY
SURROGATE RECOVERIES:	Toluene - D8	19100	95.5%
	4 - Bromofluorobenzene	18300	91.5%
	1,2 - Dichlorobenzene - D4	23100	115.5%

LABORATORY FORTIFIED BLANK RECOVERIES

The % recoveries for compounds in the batch spike were from 80% to 120% with the exception of the compounds listed below:

COMPOUND	TARGET CONC. (uG/L)	% RECOVERY
2,2-Dichloropropane	50	172%
2-Butaonone	50	79%
Tetrahydrofuran	200	79%
Benzene	50	61%

LABORATORY BLANKS

No target compounds were detected above the sample detection limit in laboratory blank with the ecxeption of the compound(s) listed below:

COMPOUND	CONCENTRATION (mg/L)
No Exceptions	

ANALYST: **Patrick Basile** QC APPROVED BY: **Ken Sherrell**

DEFINITIONS

- ** Concentration Exceeds EPA's allowable Maximum Contamination Level
- CAS# Chemical Abstract Services Number - Unique number to help identify analytes listed by different names
- CONC. Concentration (ug/L) of analyte actually detected in the sample
- QUAL Qualifier of analytical results as follows:
  - B Analyte was detected in laboratory blank
  - J Analyte was detected at a level below which an accurate quanitation can be given (~5 * SDL)
  - U No analyte was detected above the Sample Detection Limit.
- SDL Sample Detection Limit - The lowest concentration which can be differentiated from Zero with 99% confidence taking sample size (compositing) into account.
- ug/L Concentration Units - micrograms per liter which is approximately equivalent to Parts Per Billion (ppb)

ORGANIC CHEMISTRY ANALYTICAL REQUEST FORM

SCIENTIFIC LABORATORY DIVISION
700 CAMINO DE SALUD N.E., ALBUQUERQUE, NM 87106
Organic Chemistry Section - Telephone: (505) 841-2570

SLD No. OR96-2066-B

Date Received:

Request ID No. 151911-B

2 User Code #: 55321

3 Request ID No.:

4 Priority Code #: 3 [If "1" or "2", call ED-SLD Coordinator]

5 Facility Name: Sparton

6 County: Bernalillo

7 City: Albuquerque

8 State: NM

9 Sample Location: Sparton VP-1 40 feet

10 Collected By: Rob Pine (First / Last) On: 96/06/25 (Date: YY/MM/DD) At: 0950 hrs. (Time: 24 hr. clock 3:00 pm = 1500 hrs.)

11 Codes: 418 (Submitter) - (WSS #) (Organization)

12 Latitude (DDMMSS) ° ' "
Longitude (DDDMMSS) ° ' "
2 Digit ID (If needed)

13 Report To: Name Rob Pine

14 Phone #: 827-0178

Address: NMED / Assessment & Abatement Section
P.O. Box 26110
City, State Zip: Santa Fe, NM 87502

15 Sampling Information:
- [ ] - Grab
- [ ] - Composite _____ (Composite Time Period)
- [ ] - Flow Proportioned
- [ ] - Equal Aliquot
- [ ] - Sample Split w/Permittee
- [ ] - Chain of Custody

Sample Purpose:
- [ ] - Compliance
- [ ] - NMED Monitoring
- [ ] - Confirmation
- [ ] - Special

16 Field Data: pH: _____, Conductivity: _____ umhos/cm @ Temperature: _____ °C, Chlorine Residual: _____ mg/l, Flow: _____

17 Sample Source:
- [ ] -Stream
- [ ] -Lake
- [ ] -Drain
- [ ] -Pool
- [ ] -WWTP
- [ ] -Entry Point to Distribution
- [ ] -Well; Depth: _____
- [ ] -Spring
- [ ] -Distribution
- [ ] -Other: _____

18 Field Remarks:
Project Code: 515

19 Sample Type:
- [ ] - Water
- [ ] - Wastewater
- [ ] - Unchlorinated
- [ ] - Chlorinated
- [ ] - Soil, [ ] - Food, [x] - Other Air

This form accompanies a single sample consisting of:
- ____ - septum vial(s) (volume = _____ ml ea.)
- ____ - glass jug(s) (volume = _____ ml ea.)
- 1 - Tedlar bag (volume = _____)

20 Preservation:
- [ ] - NP No Preservation; Sample stored at room temperature
- [ ] - P-Ice Sample stored in an ice bath (Not Frozen)
- [ ] - P-TS Sample Preserved with Sodium Thiosulfate to remove chlorine residual
- [ ] - P-HCl Sample Preserved with Hydrochloric Acid (2 drops/40 ml)
- [ ] - P-$HgCl_2$ Sample Preserved with 20 mg/l Mercuric Chloride
- [ ] - Other _____

21 Analyses Requested: Please check the appropriate box(es) below to indicate the type of analytical screen(s) required. Whenever possible, list specific compounds suspected or required, and note below whenever highly contaminated samples are suspected.

Volatile Screens:

- [ ] - (753) Aliphatic Headspace (Qualitative Screen)
- [x] - (754) Aromatic & Halogenated Purgeables (EPA 601/2)
- [ ] - (765) Mass Spectrometer Purgeables (EPA 624)
- [ ] - (766) SDWA Total Trihalomethanes (EPA 501.1)
- [ ] - (774) SDWA VOC's I [21 REGULATED +] (EPA 502.2)
- [ ] - (775) SDWA VOC's II [EDB & DBCP] (EPA 504)
- [ ] - (790) Composite Sample for Analysis No. _____

Other Specific Compounds or Classes:

- [ ] - ( ) _____
- [ ] - ( ) _____

Semivolatile Screens:

- [ ] - (755) Base/Neutral Extractables (EPA 625)
- [ ] - (756) Base/Neutral/Acid Extractables (EPA 8270)
- [ ] - (772) Carbamate Pesticides (EPA 531.1)
- [ ] - (758) Herbicides, Chlorophenoxy Acid (EPA 515.1)
- [ ] - (759) Herbicides, Triazine (EPA 507)
- [ ] - (751) Hydrocarbon Fuel Screen (EPA M-8015)
- [ ] - (760) Organochlorine Pesticides (EPA 505)
- [ ] - (761) Organophosphate Pesticides (EPA 507)
- [ ] - (767) Polychlorinated Biphenyls (PCB's) in Oil
- [ ] - (762) SDWA Synthetic Org. Cmpds. (SLD 758/760)
- [ ] - (782) Total Petroleum Hydrocarbons (EPA 418.1)

Remarks:

96 JUN 25 PM 1:10

OGC-001941

Please RETAIN A COPY of your completed form

STATE OF NEW MEXICO DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700

700 Camino de Salud, NE
[505] 841-2500

ORGANIC CHEMISTRY SECTION [505] 841-2570

REPORT TO CLIENT:

Attn: Rob Pine
NMED / Assessment & Abatement Sec.
P.O. Box 26110
Santa Fe, New Mexico 87502

SLD No.: OR- 9602067
REQUEST ID No.: 151912
RECEIVED AT SLD: 6/25/96
SLD COPY
USER 55321

SAMPLE COLLECTION: DATE: 6/25/96 TIME: 10:32 BY: Pine
SAMPLING LOCATION: Sparton VP-1 @ 30 feet
SAMPLE MATRIX: Gas REPORTING UNITS: ug/L

Remarks:

EPA METHOD 8260 Modified MASS SPECTROMETER VOLATILES BY PURGE AND TRAP

DATE EXTRACTED: N/A
DATE ANALYZED: 6/26/96 1 Days: Within EPA Analysis Time
AIR SAMPLE VOL (ml): 0.025

ANALYSIS No.: OR- 9602067
SLD BATCH No.: 294b&d
DILUTION FACTOR: 40.00
REQUEST ID No.: 151912

Barometric Pressure During Analayis in mm of Mercury: 636

CAS #	ANALYTE NAME	CONCENTRATION		QUAL.	SDL	SDL
		uG/L (air)	ppm V/V		uG/L	ppm V/V
71-43-2	Benzene			U	200.0	76.4
108-86-1	Bromobenzene			U	200.0	37.9
74-97-5	Bromochloromethane			U	200.0	46.2
75-27-4	Bromodichloromethane*			U	200.0	36.3
75-25-2	Bromoform*			U	200.0	23.5
24-83-9	Bromomethane			U	200.0	62.7
78-93-3	2-Butanone (MEK)			U	2000.0	827.4
104-51-8	n-Butylbenzene			U	200.0	44.5
135-98-8	sec-Butylbenzene			U	200.0	44.5
98-06-6	tert-Butylbenzene			U	200.0	44.5
1634-04-4	tert-Butyl methyl ether (MTBE)			U	2000.0	677.0
56-23-5	Carbon tetrachloride			U	200.0	38.7
108-90-7	Chlorobenzene (monochlorobenzene)			U	200.0	52.7
75-00-3	Chloroethane			U	200.0	91.6
67-66-3	Chloroform*			U	200.0	50.1
74-87-3	Chloromethane			U	200.0	119.1
95-49-8	2-Chlorotoluene			U	200.0	47.3
106-43-4	4-Chlorotoluene			U	200.0	47.3
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			U	200.0	25.1
124-48-1	Dibromochloromethane*			U	200.0	28.6
106-93-4	1,2-Dibromoethane (Ethylene dibromide (EDB))			U	200.0	31.7
74-95-3	Dibromomethane			U	200.0	63.4
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)			U	200.0	40.5
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)			U	200.0	40.5
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)			U	200.0	40.5
75-71-8	Dichlorodifluoromethane			U	200.0	49.2
75-34-3	1,1-Dichloroethane			U	200.0	60.2
107-06-2	1,2-Dichloroethane			U	200.0	60.2
75-35-4	1,1-Dichloroethene	1900	580		200.0	61.4
156-59-2	cis-1,2-Dichloroethene			U	200.0	61.4
156-60-5	trans-1,2-Dichloroethene			U	200.0	61.4
78-87-5	1,2-Dichloropropane			U	200.0	52.7
142-28-9	1,3-Dichloropropane			U	200.0	52.7
590-20-7	2,2-Dichloropropane			U	200.0	52.7
563-58-6	1,1-Dichloropropene			U	200.0	53.7
1006-01-5	cis-1,3-Dichloropropene			U	200.0	53.7
1006-02-6	trans-1,3-Dichloropropene			U	200.0	53.7
100-41-4	Ethylbenzene	170	48	J	200.0	56.2
87-68-3	Hexachlorobutadiene			U	200.0	22.8
98-82-8	Isopropylbenzene			U	200.0	49.6
99-87-6	4-Isopropyltoluene			U	200.0	44.1
75-09-2	Methylene chloride (Dichloromethane)			U	400.0	140.2

91-20-3	Naphthalene			U	200.0	37.7
103-65-1	Propylbenzene			U	200.0	49.6
100-42-5	Styrene			U	200.0	57.3
630-20-6	1,1,1,2-Tetrachloroethane			U	200.0	35.5
79-34-5	1,1,2,2-Tetrachloroethane			U	200.0	35.5
127-18-4	Tetrachloroethene	290	51		200.0	35.9
109-99-9	Tetrahydrofuran (THF)			U	2000.0	827.4
108-88-3	Toluene	6000	1900		200.0	64.8
87-61-5	1,2,3-Trichlorobenzene			U	200.0	32.9
120-82-1	1,2,4-Trichlorobenzene			U	200.0	32.9
71-55-6	1,1,1-Trichloroethane	8300	1800		200.0	44.8
79-00-5	1,1,2-Trichloroethane			U	200.0	44.8
79-01-6	Trichloroethene	27000	6000		200.0	45.5
75-69-4	Trichlorofluoromethane			U	200.0	43.2
96-18-4	1,2,3-Trichloropropane			U	200.0	40.5
95-63-6	1,2,4-Trimethylbenzene			U	200.0	49.6
108-67-8	1,3,5-Trimethylbenzene			U	200.0	49.6
75-01-4	Vinyl chloride			U	200.0	96.1
95-47-6	o-Xylene#	170	47	J	200.0	56.2
N/A	p- & m-Xylene#	340	94		200.0	56.2
N/A	#Total Xylenes#	510	141		200.0	0.0
						ug/L

LABORATORY BATCH QUALITY CONTROL SUMMARY

	SURROGATE COMPOUNDS	CONCENTRATION	% RECOVERY
SURROGATE RECOVERIES:	Toluene - D8	19900	99.5%
	4 - Bromofluorobenzene	18200	91.0%
	1,2 - Dichlorobenzene - D4	23500	117.5%

LABORATORY FORTIFIED BLANK RECOVERIES

The % recoveries for compounds in the batch spike were from 80% to 120% with the exception of the compounds listed below:

COMPOUND	TARGET CONC. (uG/L)	% RECOVERY
2,2-Dichloropropane	50	172%
2-Butaonone	50	79%
Tetrahydrofuran	200	79%
Benzene	50	61%

LABORATORY BLANKS

No target compounds were detected above the sample detection limit in laboratory blank with the ecxeption of the compound(s) listed below:

COMPOUND	CONCENTRATION (mg/L)
No Exceptions	

ANALYST: **Patrick Basile** QC APPROVED BY: **Ken Sherrell** KS

DEFINITIONS

- ** Concentration Exceeds EPA's allowable Maximum Contamination Level
- CAS# Chemical Abstract Services Number - Unique number to help identify analytes listed by different names
- CONC. Concentration (ug/L) of analyte actually detected in the sample
- QUAL Qualifier of analytical results as follows:
  - B Analyte was detected in laboratory blank
  - J Analyte was detected at a level below which an accurate quanitation can be given (~5 * SDL)
  - U No analyte was detected above the Sample Detection Limit.
- SDL Sample Detection Limit - The lowest concentration which can be differentiated from Zero with 99% confidence taking sample size (compositing) into account.
- ug/L Concentration Units - micrograms per liter which is approximately equivalent to Parts Per Billion (ppb)

ORGANIC CHEMISTRY ANALYTICAL REQUEST FORM

SCIENTIFIC LABORATORY DIVISION
700 CAMINO DE SALUD N.E., ALBUQUERQUE, NM 87106
Organic Chemistry Section - Telephone: (505) 841-2570

SLD No. OR96-2067-B

Date Received:

Request ID No. 151912-B

2 User Code #: 55321

3 Request ID No.:

4 Priority Code #: 3 [If "1" or "2", call ED-SLD Coordinator]

5 Facility Name: Sparton

6 County: Bernalillo

7 City: Albuquerque

8 State: NM

9 Sample Location: Sparton VP-1 30 Feet

10 Collected By: Rob Pine (First / Last) On: 96/06/25 (Date: YY/MM/DD) At: 1032 hrs. (Time: 24 hr. clock 3:00 pm = 1500 hrs.)

11 Codes: 418 (Submitter) - (WSS #) (Organization)

12 Latitude (DDMMSS) ° ' "
Longitude (DDDMMSS) ° ' "
2 Digit ID (If needed)

13 Report To: Name Rob Pine

14 Phone #: 827-0178

Address: NMED / Assessment & Abatement Section
P.O. Box 26110
City, State Zip: Santa Fe, NM 87502

15 Sampling Information:
Sample Purpose:
- ☐ Compliance
- ☐ NMED Monitoring
- ☐ Confirmation
- ☐ Special

☐ - Grab
☐ - Composite _____ (Composite Time Period)
☐ - Flow Proportioned
☐ - Equal Aliquot
☐ - Sample Split w/Permittee
☐ - Chain of Custody

16 Field Data: pH: _____, Conductivity: _____ umhos/cm @ Temperature: _____ °C, Chlorine Residual: _____ mg/l, Flow: _____

17 Sample Source:
- ☐ -Stream
- ☐ -Lake
- ☐ -Drain
- ☐ -Pool
- ☐ -WWTP
- ☐ -Entry Point to Distribution
- ☐ -Well; Depth: _____
- ☐ -Spring
- ☐ -Distribution
- ☐ -Other: _____

18 Field Remarks:
Project Code: 515

19 Sample Type: ☐ - Water ☐ - Wastewater { ☐ - Unchlorinated ☐ - Chlorinated
☐ - Soil, ☐ - Food, ■ - Other Air
This form accompanies a single sample consisting of:
_____ - septum vial(s) (volume = _____ ml ea.)
_____ - glass jug(s) (volume = _____ ml ea.)
1 - Tedlar bag (volume = _____)

20 Preservation:
- ☐ - NP No Preservation; Sample stored at room temperature
- ☐ - P-Ice Sample stored in an ice bath (Not Frozen)
- ☐ - P-TS Sample Preserved with Sodium Thiosulfate to remove chlorine residual
- ☐ - P-HCl Sample Preserved with Hydrochloric Acid (2 drops/40 ml)
- ☐ - P-$HgCl_2$ Sample Preserved with 20 mg/l Mercuric Chloride
- ☐ - Other _____

21 Analyses Requested: Please check the appropriate box(es) below to indicate the type of analytical screen(s) required. Whenever possible, list specific compounds suspected or required, and note below whenever highly contaminated samples are suspected.

Volatile Screens:

- ☐ - (753) Aliphatic Headspace (Qualitative Screen)
- ■ - (754) Aromatic & Halogenated Purgeables (EPA 601/2)
- ☐ - (765) Mass Spectrometer Purgeables (EPA 624)
- ☐ - (766) SDWA Total Trihalomethanes (EPA 501.1)
- ☐ - (774) SDWA VOC's I [21 REGULATED +] (EPA 502.2)
- ☐ - (775) SDWA VOC's II [EDB & DBCP] (EPA 504)
- ☐ - (790) Composite Sample for Analysis No. _____

Other Specific Compounds or Classes:

- ☐ - ( ) _____
- ☐ - ( ) _____

Semivolatile Screens:

- ☐ - (755) Base/Neutral Extractables (EPA 625)
- ☐ - (756) Base/Neutral/Acid Extractables (EPA 8270)
- ☐ - (772) Carbamate Pesticides (EPA 531.1)
- ☐ - (758) Herbicides, Chlorophenoxy Acid (EPA 515.1)
- ☐ - (759) Herbicides, Triazine (EPA 507)
- ☐ - (751) Hydrocarbon Fuel Screen (EPA M-8015)
- ☐ - (760) Organochlorine Pesticides (EPA 505)
- ☐ - (761) Organophosphate Pesticides (EPA 507)
- ☐ - (767) Polychlorinated Biphenyls (PCB's) in Oil
- ☐ - (762) SDWA Synthetic Org. Cmpds. (SLD 758/760)
- ☐ - (782) Total Petroleum Hydrocarbons (EPA 418.1)

Remarks:

96 JUN 25 PM 1:10

STATE OF NEW MEXICO DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700

700 Camino de Salud, NE
[505] 841-2500

ORGANIC CHEMISTRY SECTION [505] 841-2570

REPORT TO CLIENT:

Attn: Rob Pine
NMED / Assessment & Abatement Sec.
P.O. Box 26110
Santa Fe, New Mexico 87502

SLD No.: OR- 9602068
REQUEST ID No.: 151913
RECEIVED AT SLD: 6/25/96
SLD COPY
USER 55321

SAMPLE COLLECTION: DATE: 6/25/96 TIME: 11:06 BY: Pine
SAMPLING LOCATION: Sparton VP-1 @ 20 feet
SAMPLE MATRIX: Gas REPORTING UNITS: ug/L

Remarks:

EPA METHOD 8260 Modified MASS SPECTROMETER VOLATILES BY PURGE AND TRAP

DATE EXTRACTED: N/A
DATE ANALYZED: 6/26/96 1 Days: Within EPA Analysis Time
AIR SAMPLE VOL (ml): 0.025

ANALYSIS No.: OR- 9602068
SLD BATCH No.: 294a&d
DILUTION FACTOR: 40.00
REQUEST ID No.: 151913

Barometric Pressure During Analayis in mm of Mercury: 636

CAS #	ANALYTE NAME	CONCENTRATION		QUAL.	SDL	SDL
		uG/L (air)	ppm V/V		uG/L	ppm V/V
71-43-2	Benzene			U	200.0	76.4
108-86-1	Bromobenzene			U	200.0	37.9
74-97-5	Bromochloromethane			U	200.0	46.2
75-27-4	Bromodichloromethane*			U	200.0	36.3
75-25-2	Bromoform*			U	200.0	23.5
24-83-9	Bromomethane			U	200.0	62.7
78-93-3	2-Butanone (MEK)			U	2000.0	827.4
104-51-8	n-Butylbenzene			U	200.0	44.5
135-98-8	sec-Butylbenzene			U	200.0	44.5
98-06-6	tert-Butylbenzene			U	200.0	44.5
1634-04-4	tert-Butyl methyl ether (MTBE)			U	2000.0	677.0
56-23-5	Carbon tetrachloride			U	200.0	38.7
108-90-7	Chlorobenzene (monochlorobenzene)			U	200.0	52.7
75-00-3	Chloroethane			U	200.0	91.6
67-66-3	Chloroform*			U	200.0	50.1
74-87-3	Chloromethane			U	200.0	119.1
95-49-8	2-Chlorotoluene			U	200.0	47.3
106-43-4	4-Chlorotoluene			U	200.0	47.3
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			U	200.0	25.1
124-48-1	Dibromochloromethane*			U	200.0	28.6
106-93-4	1,2-Dibromoethane (Ethylene dibromide (EDB))			U	200.0	31.7
74-95-3	Dibromomethane			U	200.0	63.4
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)			U	200.0	40.5
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)			U	200.0	40.5
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)			U	200.0	40.5
75-71-8	Dichlorodifluoromethane			U	200.0	49.2
75-34-3	1,1-Dichloroethane			U	200.0	60.2
107-06-2	1,2-Dichloroethane			U	200.0	60.2
75-35-4	1,1-Dichloroethene	1400	410		200.0	61.4
156-59-2	cis-1,2-Dichloroethene			U	200.0	61.4
156-60-5	trans-1,2-Dichloroethene			U	200.0	61.4
78-87-5	1,2-Dichloropropane			U	200.0	52.7
142-28-9	1,3-Dichloropropane			U	200.0	52.7
590-20-7	2,2-Dichloropropane			U	200.0	52.7
563-58-6	1,1-Dichloropropene			U	200.0	53.7
1006-01-5	cis-1,3-Dichloropropene			U	200.0	53.7
1006-02-6	trans-1,3-Dichloropropene			U	200.0	53.7
100-41-4	Ethylbenzene	250	68		200.0	56.2
87-68-3	Hexachlorobutadiene			U	200.0	22.8
98-82-8	Isopropylbenzene			U	200.0	49.6
99-87-6	4-Isopropyltoluene			U	200.0	44.1
75-09-2	Methylene chloride (Dichloromethane)			U	400.0	140.2

91-20-3	Naphthalene			U	200.0	37.7
103-65-1	Propylbenzene			U	200.0	49.6
100-42-5	Styrene			U	200.0	57.3
630-20-6	1,1,1,2-Tetrachloroethane			U	200.0	35.5
79-34-5	1,1,2,2-Tetrachloroethane			U	200.0	35.5
127-18-4	Tetrachloroethene	360	63		200.0	35.9
109-99-9	Tetrahydrofuran (THF)			U	2000.0	827.4
108-88-3	Toluene	7800	2500		200.0	64.8
87-61-5	1,2,3-Trichlorobenzene			U	200.0	32.9
120-82-1	1,2,4-Trichlorobenzene			U	200.0	32.9
71-55-6	1,1,1-Trichloroethane	7600	1700		200.0	44.8
79-00-5	1,1,2-Trichloroethane			U	200.0	44.8
79-01-6	Trichloroethene	22000	4900		200.0	45.5
75-69-4	Trichlorofluoromethane			U	200.0	43.2
96-18-4	1,2,3-Trichloropropane			U	200.0	40.5
95-63-6	1,2,4-Trimethylbenzene			U	200.0	49.6
108-67-8	1,3,5-Trimethylbenzene			U	200.0	49.6
75-01-4	Vinyl chloride			U	200.0	96.1
95-47-6	o-Xylene*	200	54		200.0	56.2
N/A	p- & m-Xylene#	610	168		200.0	56.2
N/A	#Total Xylenes#	810	222		200.0	0.0
						ug/L

LABORATORY BATCH QUALITY CONTROL SUMMARY

	SURROGATE COMPOUNDS	CONCENTRATION	% RECOVERY
SURROGATE RECOVERIES:	Toluene - D8	19800	99.0%
	4 - Bromofluorobenzene	16700	83.5%
	1,2 - Dichlorobenzene - D4	23000	115.0%

LABORATORY FORTIFIED BLANK RECOVERIES

The % recoveries for compounds in the batch spike were from 80% to 120% with the exception of the compounds listed below:

COMPOUND	TARGET CONC. (uG/L)	% RECOVERY
2,2-Dichloropropane	50	172%
2-Butaonone	50	79%
Tetrahydrofuran	200	79%
Benzene	50	61%

LABORATORY BLANKS

No target compounds were detected above the sample detection limit in laboratory blank with the ecxeption of the compound(s) listed below:

COMPOUND	CONCENTRATION (mg/L)
No Exceptions	

ANALYST: **Patrick Basile** QC APPROVED BY: **Ken Sherrell**

DEFINITIONS

**	Concentration Exceeds EPA's allowable Maximum Contamination Level
CAS#	Chemical Abstract Services Number - Unique number to help identify analytes listed by different names
CONC.	Concentration (ug/L) of analyte actually detected in the sample
QUAL	Qualifier of analytical results as follows:
	B Analyte was detected in laboratory blank
	J Analyte was detected at a level below which an accurate quanitation can be given (~5 * SDL)
	U No analyte was detected above the Sample Detection Limit.
SDL	Sample Detection Limit - The lowest concentration which can be differentiated from Zero with 99% confidence taking sample size (compositing) into account.
ug/L	Concentration Units - micrograms per liter which is approximately equivalent to Parts Per Billion (ppb)

ORGANIC CHEMISTRY ANALYTICAL REQUEST FORM

SCIENTIFIC LABORATORY DIVISION
700 CAMINO DE SALUD N.E., ALBUQUERQUE, NM 87106
Organic Chemistry Section - Telephone: (505) 841-2570

SLD No. OR96-2068-B

Date Received:

Request ID No. 151913-B

2 User Code #: 55321

3 Request ID No.:

4 Priority Code #: 3 [If "1" or "2", call ED-SLD Coordinator]

5 Facility Name: Sparton

6 County: Bernalillo

7 City: Albuquerque

8 State: NM

9 Sample Location: Sparton VP-1 20 Feet

10 Collected By: Rob Pine (First / Last) On: 96/06/25 (Date: YY/MM/DD) At: 1106 hrs. (Time: 24 hr. clock 3:00 pm = 1500 hrs.)

11 Codes: 418 (Submitter) - (WSS #) (Organization)

12 Latitude (DDMMSS) ° ' "
Longitude (DDDMMSS) ° ' "
2 Digit ID (If needed)

13 Report To: Name Rob Pine

14 Phone #: 827-0178

Address: NMED / Assessment & Abatement Section
P.O. Box 26110
City, State Zip: Santa Fe, NM 87502

15 Sampling Information:
Sample Purpose:
- ☐ Compliance
- ☐ NMED Monitoring
- ☐ Confirmation
- ☐ Special

☐ - Grab
☐ - Composite _____ (Composite Time Period)
☐ - Flow Proportioned
☐ - Equal Aliquot
☐ - Sample Split w/Permittee
☐ - Chain of Custody

16 Field Data: pH: _____, Conductivity: _____ umhos/cm @ Temperature: _____ °C, Chlorine Residual: _____ mg/l, Flow: _____

17 Sample Source:
- ☐ -Stream
- ☐ -Lake
- ☐ -Drain
- ☐ -Pool
- ☐ -WWTP
- ☐ -Entry Point to Distribution
- ☐ -Well; Depth: _____
- ☐ -Spring
- ☐ -Distribution
- ☐ -Other: _____

18 Field Remarks:
Project Code: 515

19 Sample Type: ☐ - Water ☐ - Wastewater { ☐ - Unchlorinated ☐ - Chlorinated
☐ - Soil, ☐ - Food, ■ - Other Air
This form accompanies a single sample consisting of:
_____ - septum vial(s) (volume = _____ ml ea.)
_____ - glass jug(s) (volume = _____ ml ea.)
1 - Tedlar bag (volume = _____)

20 Preservation:
- ☐ - NP No Preservation; Sample stored at room temperature
- ☐ - P-Ice Sample stored in an ice bath (Not Frozen)
- ☐ - P-TS Sample Preserved with Sodium Thiosulfate to remove chlorine residual
- ☐ - P-HCl Sample Preserved with Hydrochloric Acid (2 drops/40 ml)
- ☐ - P-$HgCl_2$ Sample Preserved with 20 mg/l Mercuric Chloride
- ☐ - Other _____

21 Analyses Requested: Please check the appropriate box(es) below to indicate the type of analytical screen(s) required. Whenever possible, list specific compounds suspected or required, and note below whenever highly contaminated samples are suspected.

Volatile Screens:

- ☐ - (753) Aliphatic Headspace (Qualitative Screen)
- ■ - (754) Aromatic & Halogenated Purgeables (EPA 601/2)
- ☐ - (765) Mass Spectrometer Purgeables (EPA 624)
- ☐ - (766) SDWA Total Trihalomethanes (EPA 501.1)
- ☐ - (774) SDWA VOC's I [21 REGULATED +] (EPA 502.2)
- ☐ - (775) SDWA VOC's II [EDB & DBCP] (EPA 504)
- ☐ - (790) Composite Sample for Analysis No. _____

Other Specific Compounds or Classes:

- ☐ - ( ) _____
- ☐ - ( ) _____

Semivolatile Screens:

- ☐ - (755) Base/Neutral Extractables (EPA 625)
- ☐ - (756) Base/Neutral/Acid Extractables (EPA 8270)
- ☐ - (772) Carbamate Pesticides (EPA 531.1)
- ☐ - (758) Herbicides, Chlorophenoxy Acid (EPA 515.1)
- ☐ - (759) Herbicides, Triazine (EPA 507)
- ☐ - (751) Hydrocarbon Fuel Screen (EPA M-8015)
- ☐ - (760) Organochlorine Pesticides (EPA 505)
- ☐ - (761) Organophosphate Pesticides (EPA 507)
- ☐ - (767) Polychlorinated Biphenyls (PCB's) in Oil
- ☐ - (762) SDWA Synthetic Org. Cmpds. (SLD 758/760)
- ☐ - (782) Total Petroleum Hydrocarbons (EPA 418.1)

Remarks:

96 JUN 25 PM 1:10

STATE OF NEW MEXICO DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700

700 Camino de Salud, NE
[505] 841-2500

ORGANIC CHEMISTRY SECTION [505] 841-2570

REPORT TO CLIENT:

Attn: Rob Pine
NMED / Assessment & Abatement Sec.
P.O. Box 26110
Santa Fe, New Mexico 87502

SLD No.: OR- 9602069
REQUEST ID No.: 151914
RECEIVED AT SLD: 6/25/96
SLD COPY
USER 55321

SAMPLE COLLECTION: DATE: 6/25/96 TIME: 11:28 BY: Pine
SAMPLING LOCATION: Sparton VP-1 @ 10 feet
SAMPLE MATRIX: Gas REPORTING UNITS: ug/L

Remarks:

EPA METHOD 8260 Modified MASS SPECTROMETER VOLATILES BY PURGE AND TRAP

DATE EXTRACTED: N/A
DATE ANALYZED: 6/26/96 1 Days: Within EPA Analysis Time
AIR SAMPLE VOL (ml): 0.025

ANALYSIS No.: OR- 9602069
SLD BATCH No.: 294a&d
DILUTION FACTOR: 40.00
REQUEST ID No.: 151914

Barometric Pressure During Analayis in mm of Mercury: 636 mm

CAS #	ANALYTE NAME	CONCENTRATION		QUAL.	SDL	SDL
		uG/L (air)	ppm V/V		uG/L	ppm V/V
71-43-2	Benzene			U	200.0	76.4
108-86-1	Bromobenzene			U	200.0	37.9
74-97-5	Bromochloromethane			U	200.0	46.2
75-27-4	Bromodichloromethane*			U	200.0	36.3
75-25-2	Bromoform*			U	200.0	23.5
24-83-9	Bromomethane			U	200.0	62.7
78-93-3	2-Butanone (MEK)			U	2000.0	827.4
104-51-8	n-Butylbenzene			U	200.0	44.5
135-98-8	sec-Butylbenzene			U	200.0	44.5
98-06-6	tert-Butylbenzene			U	200.0	44.5
1634-04-4	tert-Butyl methyl ether (MTBE)			U	2000.0	677.0
56-23-5	Carbon tetrachloride			U	200.0	38.7
108-90-7	Chlorobenzene (monochlorobenzene)			U	200.0	52.7
75-00-3	Chloroethane			U	200.0	91.6
67-66-3	Chloroform*			U	200.0	50.1
74-87-3	Chloromethane			U	200.0	119.1
95-49-8	2-Chlorotoluene			U	200.0	47.3
106-43-4	4-Chlorotoluene			U	200.0	47.3
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			U	200.0	25.1
124-48-1	Dibromochloromethane*			U	200.0	28.6
106-93-4	1,2-Dibromoethane (Ethylene dibromide (EDB))			U	200.0	31.7
74-95-3	Dibromomethane			U	200.0	63.4
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)			U	200.0	40.5
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)			U	200.0	40.5
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)			U	200.0	40.5
75-71-8	Dichlorodifluoromethane			U	200.0	49.2
75-34-3	1,1-Dichloroethane			U	200.0	60.2
107-06-2	1,2-Dichloroethane			U	200.0	60.2
75-35-4	1,1-Dichloroethene	1100	340		200.0	61.4
156-59-2	cis-1,2-Dichloroethene			U	200.0	61.4
156-60-5	trans-1,2-Dichloroethene			U	200.0	61.4
78-87-5	1,2-Dichloropropane			U	200.0	52.7
142-28-9	1,3-Dichloropropane			U	200.0	52.7
590-20-7	2,2-Dichloropropane			U	200.0	52.7
563-58-6	1,1-Dichloropropene			U	200.0	53.7
1006-01-5	cis-1,3-Dichloropropene			U	200.0	53.7
1006-02-6	trans-1,3-Dichloropropene			U	200.0	53.7
100-41-4	Ethylbenzene	300	83		200.0	56.2
87-68-3	Hexachlorobutadiene			U	200.0	22.8
98-82-8	Isopropylbenzene			U	200.0	49.6
99-87-6	4-Isopropyltoluene			U	200.0	44.1
75-09-2	Methylene chloride (Dichloromethane)			U	400.0	140.2

91-20-3	Naphthalene			U	200.0	37.7
103-65-1	Propylbenzene			U	200.0	49.6
100-42-5	Styrene			U	200.0	57.3
630-20-6	1,1,1,2-Tetrachloroethane			U	200.0	35.5
79-34-5	1,1,2,2-Tetrachloroethane			U	200.0	35.5
127-18-4	Tetrachloroethene	310	54		200.0	35.9
109-99-9	Tetrahydrofuran (THF)			U	2000.0	827.4
108-88-3	Toluene	2100	660		200.0	64.8
87-61-5	1,2,3-Trichlorobenzene			U	200.0	32.9
120-82-1	1,2,4-Trichlorobenzene			U	200.0	32.9
71-55-6	1,1,1-Trichloroethane	6000	1300		200.0	44.8
79-00-5	1,1,2-Trichloroethane			U	200.0	44.8
79-01-6	Trichloroethene	19000	4300		200.0	45.5
75-69-4	Trichlorofluoromethane			U	200.0	43.2
96-18-4	1,2,3-Trichloropropane			U	200.0	40.5
95-63-6	1,2,4-Trimethylbenzene			U	200.0	49.6
108-67-8	1,3,5-Trimethylbenzene			U	200.0	49.6
75-01-4	Vinyl chloride			U	200.0	96.1
95-47-6	o-Xylene*	250	69		200.0	56.2
N/A	p- & m-Xylene*	170	46	J	200.0	56.2
N/A	*Total Xylenes*	420	115		200.0	0.0
						ug/L

LABORATORY BATCH QUALITY CONTROL SUMMARY

SURROGATE RECOVERIES:	SURROGATE COMPOUNDS	CONCENTRATION	% RECOVERY
	Toluene - D8	19400	97.0%
	4 - Bromofluorobenzene	16800	84.0%
	1,2 - Dichlorobenzene - D4	22600	113.0%

LABORATORY FORTIFIED BLANK RECOVERIES

The % recoveries for compounds in the batch spike were from 80% to 120% with the exception of the compounds listed below:

COMPOUND	TARGET CONC. (uG/L)	% RECOVERY
2,2-Dichloropropane	50	172%
2-Butaonone	50	79%
Tetrahydrofuran	200	79%
Benzene	50	61%

LABORATORY BLANKS

No target compounds were detected above the sample detection limit in laboratory blank with the ecxeption of the compound(s) listed below:

COMPOUND	CONCENTRATION (mg/L)
No Exceptions	

ANALYST: **Patrick Basile** QC APPROVED BY: **Ken Sherrell**

DEFINITIONS

**	Concentration Exceeds EPA's allowable Maximum Contamination Level
CAS#	Chemical Abstract Services Number - Unique number to help identify analytes listed by different names
CONC.	Concentration (ug/L) of analyte actually detected in the sample
QUAL	Qualifier of analytical results as follows:
	B Analyte was detected in laboratory blank
	J Analyte was detected at a level below which an accurate quanitation can be given (~5 * SDL)
	U No analyte was detected above the Sample Detection Limit.
SDL	Sample Detection Limit - The lowest concentration which can be differentiated from Zero with 99% confidence taking sample size (compositing) into account.
ug/L	Concentration Units - micrograms per liter which is approximately equivalent to Parts Per Billion (ppb)

ORGANIC CHEMISTRY ANALYTICAL REQUEST FORM

SCIENTIFIC LABORATORY DIVISION
700 CAMINO DE SALUD N.E., ALBUQUERQUE, NM 87106
Organic Chemistry Section - Telephone: (505) 841-2570

SLD No. OR96- 2069-B

Date Received:

Request ID No. 151914-B

2 User Code #: 5,5,3,2,1

3 Request ID No.:

4 Priority Code #: 3 [If "1" or "2", call ED-SLD Coordinator]

5 Facility Name: Sparton

6 County: Bernalillo

7 City: Albuquerque

8 State: N M

9 Sample Location: Sparton VP-1 10 feet

10 Collected By: Rob Pine (First / Last) On: 96/06/25 (Date: YY/MM/DD) At: 1128 hrs. (Time: 24 hr. clock 3:00 pm = 1500 hrs.)

11 Codes: 4 1 8 (Submitter) - (WSS #) (Organization)

12 Latitude (DDMMSS) ° ' "
Longitude (DDDMMSS) ° ' "
2 Digit ID (If needed)

13 Report To: Name Rob Pine

14 Phone #: 827-0178

Address: NMED / Assessment & Abatement Section
P.O. Box 26110
City, State Zip: Santa Fe, NM 87502

15 Sampling Information:
Sample Purpose:
- ☐ Compliance
- ☐ NMED Monitoring
- ☐ Confirmation
- ☐ Special

- ☐ Grab
- ☐ Composite _____ (Composite Time Period)
- ☐ Flow Proportioned
- ☐ Equal Aliquot
- ☐ Sample Split w/Permittee
- ☐ Chain of Custody

16 Field Data: pH: _____, Conductivity: _____ umhos/cm @ Temperature: _____ °C, Chlorine Residual: _____ mg/l, Flow: _____

17 Sample Source:
- ☐ -Stream
- ☐ -Lake
- ☐ -Drain
- ☐ -Pool
- ☐ -WWTP
- ☐ -Entry Point to Distribution
- ☐ -Well; Depth: _____
- ☐ -Spring
- ☐ -Distribution
- ☐ -Other: _____

18 Field Remarks:
Project Code: 515

19 Sample Type: ☐ - Water ☐ - Wastewater { ☐ - Unchlorinated ☐ - Chlorinated
☐ - Soil, ☐ - Food, ■ - Other Air
This form accompanies a single sample consisting of:
____ - septum vial(s) (volume = _____ ml ea.)
____ - glass jug(s) (volume = _____ ml ea.)
1 - Tedlar bag (volume = _____)

20 Preservation:
- ☐ - NP No Preservation; Sample stored at room temperature
- ☐ - P-Ice Sample stored in an ice bath (Not Frozen)
- ☐ - P-TS Sample Preserved with Sodium Thiosulfate to remove chlorine residual
- ☐ - P-HCl Sample Preserved with Hydrochloric Acid (2 drops/40 ml)
- ☐ - P-$HgCl_2$ Sample Preserved with 20 mg/l Mercuric Chloride
- ☐ - Other _____

21 Analyses Requested: Please check the appropriate box(es) below to indicate the type of analytical screen(s) required. Whenever possible, list specific compounds suspected or required, and note below whenever highly contaminated samples are suspected.

Volatile Screens:
- ☐ - (753) Aliphatic Headspace (Qualitative Screen)
- ■ - (754) Aromatic & Halogenated Purgeables (EPA 601/2)
- ☐ - (765) Mass Spectrometer Purgeables (EPA 624)
- ☐ - (766) SDWA Total Trihalomethanes (EPA 501.1)
- ☐ - (774) SDWA VOC's I [21 REGULATED +] (EPA 502.2)
- ☐ - (775) SDWA VOC's II [EDB & DBCP] (EPA 504)
- ☐ - (790) Composite Sample for Analysis No. _____

Other Specific Compounds or Classes:
- ☐ - ( ) _____
- ☐ - ( ) _____

Semivolatile Screens:
- ☐ - (755) Base/Neutral Extractables (EPA 625)
- ☐ - (756) Base/Neutral/Acid Extractables (EPA 8270)
- ☐ - (772) Carbamate Pesticides (EPA 531.1)
- ☐ - (758) Herbicides, Chlorophenoxy Acid (EPA 515.1)
- ☐ - (759) Herbicides, Triazine (EPA 507)
- ☐ - (751) Hydrocarbon Fuel Screen (EPA M-8015)
- ☐ - (760) Organochlorine Pesticides (EPA 505)
- ☐ - (761) Organophosphate Pesticides (EPA 507)
- ☐ - (767) Polychlorinated Biphenyls (PCB's) in Oil
- ☐ - (762) SDWA Synthetic Org. Cmpds. (SLD 758/760)
- ☐ - (782) Total Petroleum Hydrocarbons (EPA 418.1)

Remarks:

96 JUN 25 PM 1:10

STATE OF NEW MEXICO DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700

700 Camino de Salud, NE
[505] 841-2500

ORGANIC CHEMISTRY SECTION [505] 841-2570

REPORT TO CLIENT:

Attn: Rob Pine
NMED / Assessment & Abatement Sec.
P.O. Box 26110
Santa Fe, New Mexico 87502

SLD No.: OR- 9602068
REQUEST ID No.: 151913
RECEIVED AT SLD: 6/25/96
SLD COPY USER 55321

SAMPLE COLLECTION: DATE: 6/25/96 TIME: 11:06 BY: Pine
SAMPLING LOCATION: Sparton VP-1 @ 20 feet
SAMPLE MATRIX: Gas REPORTING UNITS: ug/L

Remarks:

EPA METHOD 8260 Modified MASS SPECTROMETER VOLATILES BY PURGE AND TRAP

DATE EXTRACTED: N/A
DATE ANALYZED: 6/26/96 1 Days: Within EPA Analysis Time
AIR SAMPLE VOL (ml): 0.025

ANALYSIS No.: OR- 9602068
SLD BATCH No.: 294a&d
DILUTION FACTOR: 40.00
REQUEST ID No.: 151913

Barometric Pressure During Analayis in mm of Mercury: 636

CAS #	ANALYTE NAME	CONCENTRATION		QUAL.	SDL	SDL
		uG/L (air)	ppm V/V		uG/L	ppm V/V
71-43-2	Benzene			U	200.0	76.4
108-86-1	Bromobenzene			U	200.0	37.9
74-97-5	Bromochloromethane			U	200.0	46.2
75-27-4	Bromodichloromethane*			U	200.0	36.3
75-25-2	Bromoform*			U	200.0	23.5
24-83-9	Bromomethane			U	200.0	62.7
78-93-3	2-Butanone (MEK)			U	2000.0	827.4
104-51-8	n-Butylbenzene			U	200.0	44.5
135-98-8	sec-Butylbenzene			U	200.0	44.5
98-06-6	tert-Butylbenzene			U	200.0	44.5
1634-04-4	tert-Butyl methyl ether (MTBE)			U	2000.0	677.0
56-23-5	Carbon tetrachloride			U	200.0	38.7
108-90-7	Chlorobenzene (monochlorobenzene)			U	200.0	52.7
75-00-3	Chloroethane			U	200.0	91.6
67-66-3	Chloroform*			U	200.0	50.1
74-87-3	Chloromethane			U	200.0	119.1
95-49-8	2-Chlorotoluene			U	200.0	47.3
106-43-4	4-Chlorotoluene			U	200.0	47.3
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			U	200.0	25.1
124-48-1	Dibromochloromethane*			U	200.0	28.6
106-93-4	1,2-Dibromoethane (Ethylene dibromide (EDB))			U	200.0	31.7
74-95-3	Dibromomethane			U	200.0	63.4
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)			U	200.0	40.5
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)			U	200.0	40.5
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)			U	200.0	40.5
75-71-8	Dichlorodifluoromethane			U	200.0	49.2
75-34-3	1,1-Dichloroethane			U	200.0	60.2
107-06-2	1,2-Dichloroethane			U	200.0	60.2
75-35-4	1,1-Dichloroethene	1400	410		200.0	61.4
156-59-2	cis-1,2-Dichloroethene			U	200.0	61.4
156-60-5	trans-1,2-Dichloroethene			U	200.0	61.4
78-87-5	1,2-Dichloropropane			U	200.0	52.7
142-28-9	1,3-Dichloropropane			U	200.0	52.7
590-20-7	2,2-Dichloropropane			U	200.0	52.7
563-58-6	1,1-Dichloropropene			U	200.0	53.7
1006-01-5	cis-1,3-Dichloropropene			U	200.0	53.7
1006-02-6	trans-1,3-Dichloropropene			U	200.0	53.7
100-41-4	Ethylbenzene	250	68		200.0	56.2
87-68-3	Hexachlorobutadiene			U	200.0	22.8
98-82-8	Isopropylbenzene			U	200.0	49.6
99-87-6	4-Isopropyltoluene			U	200.0	44.1
75-09-2	Methylene chloride (Dichloromethane)			U	400.0	140.2

SEP 1996 RECEIVED

91-20-3	Naphthalene			U	200.0	37.7
103-65-1	Propylbenzene			U	200.0	49.6
100-42-5	Styrene			U	200.0	57.3
630-20-6	1,1,1,2-Tetrachloroethane			U	200.0	35.5
79-34-5	1,1,2,2-Tetrachloroethane			U	200.0	35.5
127-18-4	Tetrachloroethene	360	63		200.0	35.9
109-99-9	Tetrahydrofuran (THF)			U	2000.0	827.4
108-88-3	Toluene	7800	2500		200.0	64.8
87-61-5	1,2,3-Trichlorobenzene			U	200.0	32.9
120-82-1	1,2,4-Trichlorobenzene			U	200.0	32.9
71-55-6	1,1,1-Trichloroethane	7600	1700		200.0	44.8
79-00-5	1,1,2-Trichloroethane			U	200.0	44.8
79-01-6	Trichloroethene	22000	4900		200.0	45.5
75-69-4	Trichlorofluoromethane			U	200.0	43.2
96-18-4	1,2,3-Trichloropropane			U	200.0	40.5
95-63-6	1,2,4-Trimethylbenzene			U	200.0	49.6
108-67-8	1,3,5-Trimethylbenzene			U	200.0	49.6
75-01-4	Vinyl chloride			U	200.0	96.1
95-47-6	o-Xylene#	200	54		200.0	56.2
N/A	p- & m-Xylene#	610	168		200.0	56.2
N/A	#Total Xylenes#	810	222		200.0	0.0
						ug/L

LABORATORY BATCH QUALITY CONTROL SUMMARY

SURROGATE RECOVERIES:	SURROGATE COMPOUNDS	CONCENTRATION	% RECOVERY
	Toluene - D8	19800	99.0%
	4 - Bromofluorobenzene	16700	83.5%
	1,2 - Dichlorobenzene - D4	23000	115.0%

LABORATORY FORTIFIED BLANK RECOVERIES

The % recoveries for compounds in the batch spike were from 80% to 120% with the exception of the compounds listed below:

COMPOUND	TARGET CONC. (uG/L)	% RECOVERY
2,2-Dichloropropane	50	172%
2-Butaonone	50	79%
Tetrahydrofuran	200	79%
Benzene	50	61%

LABORATORY BLANKS

No target compounds were detected above the sample detection limit in laboratory blank with the ecxeption of the compound(s) listed below:

COMPOUND	CONCENTRATION (mg/L)
No Exceptions	

ANALYST: **Patrick Basile** QC APPROVED BY: **Ken Sherrell** KS

DEFINITIONS

- ** Concentration Exceeds EPA's allowable Maximum Contamination Level
- CAS# Chemical Abstract Services Number - Unique number to help identify analytes listed by different names
- CONC. Concentration (ug/L) of analyte actually detected in the sample
- QUAL Qualifier of analytical results as follows:
  - B Analyte was detected in laboratory blank
  - J Analyte was detected at a level below which an accurate quanitation can be given (~5 * SDL)
  - U No analyte was detected above the Sample Detection Limit.
- SDL Sample Detection Limit - The lowest concentration which can be differentiated from Zero with 99% confidence taking sample size (compositing) into account.
- ug/L Concentration Units - micrograms per liter which is approximately equivalent to Parts Per Billion (ppb)

OGC-001970

ORGANIC CHEMISTRY ANALYTICAL REQUEST FORM

SCIENTIFIC LABORATORY DIVISION
700 CAMINO DE SALUD N.E., ALBUQUERQUE, NM 87106
Organic Chemistry Section - Telephone: (505) 841-2570

SLD No. OR96-2068-B

Date Received:

Request ID No. 151913-B

2 User Code #: 55321

3 Request ID No.:

4 Priority Code #: 3 [If "1" or "2", call ED-SLD Coordinator]

5 Facility Name: Sparton

6 County: Bernalillo

7 City: Albuquerque

8 State: NM

9 Sample Location: Sparton VP-1 20 Feet

10 Collected By: Rob Pine (First / Last) On: 96/06/25 (Date: YY/MM/DD) At: 1:06 hrs. (Time: 24 hr. clock 3:00 pm = 1500 hrs.)

11 Codes: 418 (Submitter) - (WSS #) (Organization)

12 Latitude (DDMMSS) ° ' "
Longitude (DDDMMSS) ° ' "
2 Digit ID (If needed)

13 Report To: Name Rob Pine

14 Phone #: 827-0178

Address: NMED / Assessment & Abatement Section
P.O. Box 26110
City, State Zip: Santa Fe, NM 87502

15 Sampling Information:
Sample Purpose:
- ☐ Compliance
- ☐ NMED Monitoring
- ☐ Confirmation
- ☐ Special

☐ - Grab
☐ - Composite _____ (Composite Time Period)
☐ - Flow Proportioned
☐ - Equal Aliquot
☐ - Sample Split w/Permittee
☐ - Chain of Custody

16 Field Data: pH: _____, Conductivity: _____ umhos/cm @ Temperature: _____ °C, Chlorine Residual: _____ mg/l, Flow: _____

17 Sample Source:
- ☐ -Stream
- ☐ -Lake
- ☐ -Drain
- ☐ -Pool
- ☐ -WWTP
- ☐ -Entry Point to Distribution
- ☐ -Well; Depth: _____
- ☐ -Spring
- ☐ -Distribution
- ☐ -Other: _____

18 Field Remarks:
Project Code: 515

19 Sample Type:
- ☐ - Water
- ☐ - Wastewater { ☐ - Unchlorinated ☐ - Chlorinated
- ☐ - Soil, ☐ - Food, ■ - Other Air

This form accompanies a single sample consisting of:
- ____ - septum vial(s) (volume = _____ ml ea.)
- ____ - glass jug(s) (volume = _____ ml ea.)
- 1 - Tedlar bag (volume = _____)

20 Preservation:
- ☐ - NP No Preservation; Sample stored at room temperature
- ☐ - P-Ice Sample stored in an ice bath (Not Frozen)
- ☐ - P-TS Sample Preserved with Sodium Thiosulfate to remove chlorine residual
- ☐ - P-HCl Sample Preserved with Hydrochloric Acid (2 drops/40 ml)
- ☐ - P-$HgCl_2$ Sample Preserved with 20 mg/l Mercuric Chloride
- ☐ - Other _____

21 Analyses Requested: Please check the appropriate box(es) below to indicate the type of analytical screen(s) required. Whenever possible, list specific compounds suspected or required, and note below whenever highly contaminated samples are suspected.

Volatile Screens:

- ☐ - (753) Aliphatic Headspace (Qualitative Screen)
- ■ - (754) Aromatic & Halogenated Purgeables (EPA 601/2)
- ☐ - (765) Mass Spectrometer Purgeables (EPA 624)
- ☐ - (766) SDWA Total Trihalomethanes (EPA 501.1)
- ☐ - (774) SDWA VOC's I [21 REGULATED +] (EPA 502.2)
- ☐ - (775) SDWA VOC's II [EDB & DBCP] (EPA 504)
- ☐ - (790) Composite Sample for Analysis No. _____

Other Specific Compounds or Classes:

- ☐ - ( ) _____
- ☐ - ( ) _____

Semivolatile Screens:

- ☐ - (755) Base/Neutral Extractables (EPA 625)
- ☐ - (756) Base/Neutral/Acid Extractables (EPA 8270)
- ☐ - (772) Carbamate Pesticides (EPA 531.1)
- ☐ - (758) Herbicides, Chlorophenoxy Acid (EPA 515.1)
- ☐ - (759) Herbicides, Triazine (EPA 507)
- ☐ - (751) Hydrocarbon Fuel Screen (EPA M-8015)
- ☐ - (760) Organochlorine Pesticides (EPA 505)
- ☐ - (761) Organophosphate Pesticides (EPA 507)
- ☐ - (767) Polychlorinated Biphenyls (PCB's) in Oil
- ☐ - (762) SDWA Synthetic Org. Cmpds. (SLD 758/760)
- ☐ - (782) Total Petroleum Hydrocarbons (EPA 418.1)

emarks:

96 JUN 25 PM 1:10

Please RETAIN A COPY of your completed form

STATE OF NEW MEXICO DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700

700 Camino de Salud, NE
[505] 841-2500

ORGANIC CHEMISTRY SECTION [505] 841-2570

REPORT TO CLIENT:

Attn: Rob Pine
NMED / Assessment & Abatement Sec.
P.O. Box 26110
Santa Fe, New Mexico 87502

SLD No.: OR- 9602067
REQUEST ID No.: 151912
RECEIVED AT SLD: 6/25/96
SLD COPY
USER 55321

SAMPLE COLLECTION: DATE: 6/25/96 TIME: 10:32 BY: Pine
SAMPLING LOCATION: Sparton VP-1 @ 30 feet
SAMPLE MATRIX: Gas REPORTING UNITS: ug/L

Remarks:

EPA METHOD 8260 Modified MASS SPECTROMETER VOLATILES BY PURGE AND TRAP

DATE EXTRACTED: N/A
DATE ANALYZED: 6/26/96 1 Days: Within EPA Analysis Time
AIR SAMPLE VOL (ml): 0.025

ANALYSIS No.: OR- 9602067
SLD BATCH No.: 294b&d
DILUTION FACTOR: 40.00
REQUEST ID No.: 151912

Barometric Pressure During Analayis in mm of Mercury: 636

CAS #	ANALYTE NAME	CONCENTRATION		QUAL.	SDL	SDL
		uG/L (air)	ppm V/V		uG/L	ppm V/V
71-43-2	Benzene			U	200.0	76.4
108-86-1	Bromobenzene			U	200.0	37.9
74-97-5	Bromochloromethane			U	200.0	46.2
75-27-4	Bromodichloromethane*			U	200.0	36.3
75-25-2	Bromoform*			U	200.0	23.5
24-83-9	Bromomethane			U	200.0	62.7
78-93-3	2-Butanone (MEK)			U	2000.0	827.4
104-51-8	n-Butylbenzene			U	200.0	44.5
135-98-8	sec-Butylbenzene			U	200.0	44.5
98-06-6	tert-Butylbenzene			U	200.0	44.5
1634-04-4	tert-Butyl methyl ether (MTBE)			U	2000.0	677.0
56-23-5	Carbon tetrachloride			U	200.0	38.7
108-90-7	Chlorobenzene (monochlorobenzene)			U	200.0	52.7
75-00-3	Chloroethane			U	200.0	91.6
67-66-3	Chloroform*			U	200.0	50.1
74-87-3	Chloromethane			U	200.0	119.1
95-49-8	2-Chlorotoluene			U	200.0	47.3
106-43-4	4-Chlorotoluene			U	200.0	47.3
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			U	200.0	25.1
124-48-1	Dibromochloromethane*			U	200.0	28.6
106-93-4	1,2-Dibromoethane (Ethylene dibromide (EDB))			U	200.0	31.7
74-95-3	Dibromomethane			U	200.0	63.4
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)			U	200.0	40.5
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)			U	200.0	40.5
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)			U	200.0	40.5
75-71-8	Dichlorodifluoromethane			U	200.0	49.2
75-34-3	1,1-Dichloroethane			U	200.0	60.2
107-06-2	1,2-Dichloroethane			U	200.0	60.2
75-35-4	1,1-Dichloroethene	1900	580		200.0	61.4
156-59-2	cis-1,2-Dichloroethene			U	200.0	61.4
156-60-5	trans-1,2-Dichloroethene			U	200.0	61.4
78-87-5	1,2-Dichloropropane			U	200.0	52.7
142-28-9	1,3-Dichloropropane			U	200.0	52.7
590-20-7	2,2-Dichloropropane			U	200.0	52.7
563-58-6	1,1-Dichloropropene			U	200.0	53.7
1006-01-5	cis-1,3-Dichloropropene			U	200.0	53.7
1006-02-6	trans-1,3-Dichloropropene			U	200.0	53.7
100-41-4	Ethylbenzene	170	48	J	200.0	56.2
87-68-3	Hexachlorobutadiene			U	200.0	22.8
98-82-8	Isopropylbenzene			U	200.0	49.6
99-87-6	4-Isopropyltoluene			U	200.0	44.1
75-09-2	Methylene chloride (Dichloromethane)			U	400.0	140.2

SEP RECEIVED

91-20-3	Naphthalene			U	200.0	37.7
103-65-1	Propylbenzene			U	200.0	49.6
100-42-5	Styrene			U	200.0	57.3
630-20-6	1,1,1,2-Tetrachloroethane			U	200.0	35.5
79-34-5	1,1,2,2-Tetrachloroethane			U	200.0	35.5
127-18-4	Tetrachloroethene	290	51		200.0	35.9
109-99-9	Tetrahydrofuran (THF)			U	2000.0	827.4
108-88-3	Toluene	6000	1900		200.0	64.8
87-61-5	1,2,3-Trichlorobenzene			U	200.0	32.9
120-82-1	1,2,4-Trichlorobenzene			U	200.0	32.9
71-55-6	1,1,1-Trichloroethane	8300	1800		200.0	44.8
79-00-5	1,1,2-Trichloroethane			U	200.0	44.8
79-01-6	Trichloroethene	27000	6000		200.0	45.5
75-69-4	Trichlorofluoromethane			U	200.0	43.2
96-18-4	1,2,3-Trichloropropane			U	200.0	40.5
95-63-6	1,2,4-Trimethylbenzene			U	200.0	49.6
108-67-8	1,3,5-Trimethylbenzene			U	200.0	49.6
75-01-4	Vinyl chloride			U	200.0	96.1
95-47-6	o-Xylene#	170	47	J	200.0	56.2
N/A	p- & m-Xylene#	340	94		200.0	56.2
N/A	#Total Xylenes#	510	141		200.0	0.0
						ug/L

LABORATORY BATCH QUALITY CONTROL SUMMARY

	SURROGATE COMPOUNDS	CONCENTRATION	% RECOVERY
SURROGATE RECOVERIES:	Toluene - D8	19900	99.5%
	4 - Bromofluorobenzene	18200	91.0%
	1,2 - Dichlorobenzene - D4	23500	117.5%

LABORATORY FORTIFIED BLANK RECOVERIES

The % recoveries for compounds in the batch spike were from 80% to 120% with the exception of the compounds listed below:

COMPOUND	TARGET CONC. (uG/L)	% RECOVERY
2,2-Dichloropropane	50	172%
2-Butaonone	50	79%
Tetrahydrofuran	200	79%
Benzene	50	61%

LABORATORY BLANKS

No target compounds were detected above the sample detection limit in laboratory blank with the ecxeption of the compound(s) listed below:

COMPOUND	CONCENTRATION (mg/L)
No Exceptions	

ANALYST: **Patrick Basile** QC APPROVED BY: **Ken Sherrell** KS

DEFINITIONS

- ** Concentration Exceeds EPA's allowable Maximum Contamination Level
- CAS# Chemical Abstract Services Number - Unique number to help identify analytes listed by different names
- CONC. Concentration (ug/L) of analyte actually detected in the sample
- QUAL Qualifier of analytical results as follows:
  - B Analyte was detected in laboratory blank
  - J Analyte was detected at a level below which an accurate quanitation can be given (~5 * SDL)
  - U No analyte was detected above the Sample Detection Limit.
- SDL Sample Detection Limit - The lowest concentration which can be differentiated from Zero with 99% confidence taking sample size (compositing) into account.
- ug/L Concentration Units - micrograms per liter which is approximately equivalent to Parts Per Billion (ppb)

ORGANIC CHEMISTRY ANALYTICAL REQUEST FORM

SCIENTIFIC LABORATORY DIVISION
700 CAMINO DE SALUD N.E., ALBUQUERQUE, NM 87106
Organic Chemistry Section - Telephone: (505) 841-2570

SLD No. OR96-2067-B

Date Received: _____

Request ID No. 151912-B

2 User Code #: 5,5,3,2,1

3 Request ID No.:

4 Priority Code #: 3 [If "1" or "2", call ED-SLD Coordinator]

5 Facility Name: Sparton

6 County: Bernalillo

7 City: Albuquerque

8 State: N M

9 Sample Location: Sparton VP-1 30 Feet

10 Collected By: Rob Pine (First / Last) On: 96/06/25 (Date: YY/MM/DD) At: 1032 hrs. (Time: 24 hr. clock 3:00 pm = 1500 hrs.)

11 Codes: 4 1 8 (Submitter) - (WSS #) (Organization)

12 Latitude (DDMMSS) ° ' "
Longitude (DDDMMSS) ° ' "
2 Digit ID (If needed)

13 Report To: Name Rob Pine

14 Phone #: 827-0178

Address: NMED / Assessment & Abatement Section
P.O. Box 26110
City, State Zip: Santa Fe, NM 87502

15 Sample Purpose:
- ☐ Compliance
- ☐ NMED Monitoring
- ☐ Confirmation
- ☐ Special

Sampling Information:
- ☐ Grab
- ☐ Composite _____ (Composite Time Period)
  - ☐ Flow Proportioned
  - ☐ Equal Aliquot
  - ☐ Sample Split w/Permittee
  - ☐ Chain of Custody

16 Field Data: pH: _____, Conductivity: _____ umhos/cm @ Temperature: _____ °C, Chlorine Residual: _____ mg/l, Flow: _____

17 Sample Source:
- ☐ Stream
- ☐ Lake
- ☐ Drain
- ☐ Pool
- ☐ WWTP
- ☐ Entry Point to Distribution
- ☐ Well; Depth: _____
- ☐ Spring
- ☐ Distribution
- ☐ Other: _____

18 Field Remarks:
Project Code: 515

19 Sample Type: ☐ Water ☐ Wastewater { ☐ Unchlorinated ☐ Chlorinated
☐ Soil, ☐ Food, ■ Other Air
This form accompanies a single sample consisting of:
_____ - septum vial(s) (volume = _____ ml ea.)
_____ - glass jug(s) (volume = _____ ml ea.)
1 - Tedlar bag (volume = _____)

20 Preservation:
- ☐ NP — No Preservation; Sample stored at room temperature
- ☐ P-Ice — Sample stored in an ice bath (Not Frozen)
- ☐ P-TS — Sample Preserved with Sodium Thiosulfate to remove chlorine residual
- ☐ P-HCl — Sample Preserved with Hydrochloric Acid (2 drops/40 ml)
- ☐ P-$HgCl_2$ — Sample Preserved with 20 mg/l Mercuric Chloride
- ☐ Other _____

21 Analyses Requested: Please check the appropriate box(es) below to indicate the type of analytical screen(s) required. Whenever possible, list specific compounds suspected or required, and note below whenever highly contaminated samples are suspected.

Volatile Screens:

- ☐ (753) Aliphatic Headspace (Qualitative Screen)
- ■ (754) Aromatic & Halogenated Purgeables (EPA 601/2)
- ☐ (765) Mass Spectrometer Purgeables (EPA 624)
- ☐ (766) SDWA Total Trihalomethanes (EPA 501.1)
- ☐ (774) SDWA VOC's I [21 REGULATED +] (EPA 502.2)
- ☐ (775) SDWA VOC's II [EDB & DBCP] (EPA 504)
- ☐ (790) Composite Sample for Analysis No. _____

Other Specific Compounds or Classes:

- ☐ ( ) _____
- ☐ ( ) _____

Semivolatile Screens:

- ☐ (755) Base/Neutral Extractables (EPA 625)
- ☐ (756) Base/Neutral/Acid Extractables (EPA 8270)
- ☐ (772) Carbamate Pesticides (EPA 531.1)
- ☐ (758) Herbicides, Chlorophenoxy Acid (EPA 515.1)
- ☐ (759) Herbicides, Triazine (EPA 507)
- ☐ (751) Hydrocarbon Fuel Screen (EPA M-8015)
- ☐ (760) Organochlorine Pesticides (EPA 505)
- ☐ (761) Organophosphate Pesticides (EPA 507)
- ☐ (767) Polychlorinated Biphenyls (PCB's) in Oil
- ☐ (762) SDWA Synthetic Org. Cmpds. (SLD 758/760)
- ☐ (782) Total Petroleum Hydrocarbons (EPA 418.1)

Remarks:

96 JUN 25 PM 1:10

Please RETAIN A COPY of your completed form

STATE OF NEW MEXICO DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700

700 Camino de Salud, NE
[505] 841-2500

ORGANIC CHEMISTRY SECTION [505] 841-2570

REPORT TO CLIENT:

Attn: Rob Pine
NMED / Assessment & Abatement Sec.
P.O. Box 26110
Santa Fe, New Mexico 87502

SLD No.: OR- 9602066
REQUEST ID No.: 151911
RECEIVED AT SLD: 6/25/96
SLD COPY USER 55321

SAMPLE COLLECTION: DATE: 6/25/96 TIME: 9:50 BY: Pine
SAMPLING LOCATION: Sparton VP-1 @ 40 feet
SAMPLE MATRIX: Gas REPORTING UNITS: ug/L

Remarks:

EPA METHOD 8260 Modified MASS SPECTROMETER VOLATILES BY PURGE AND TRAP

DATE EXTRACTED: N/A
DATE ANALYZED: 6/26/96 1 Days: Within EPA Analysis Time
AIR SAMPLE VOL (ml): 0.025

ANALYSIS No.: OR- 9602066
SLD BATCH No.: 294a&b&d
DILUTION FACTOR: 40.00
REQUEST ID No.: 151911

Barometric Pressure During Analayis in mm of Mercury: 636

CAS #	ANALYTE NAME	CONCENTRATION		QUAL.	SDL	SDL
		uG/L (air)	ppm V/V		uG/L	ppm V/V
71-43-2	Benzene			U	200.0	76.4
108-86-1	Bromobenzene			U	200.0	37.9
74-97-5	Bromochloromethane			U	200.0	46.2
75-27-4	Bromodichloromethane*			U	200.0	36.3
75-25-2	Bromoform*			U	200.0	23.5
24-83-9	Bromomethane			U	200.0	62.7
78-93-3	2-Butanone (MEK)			U	2000.0	827.4
104-51-8	n-Butylbenzene			U	200.0	44.5
135-98-8	sec-Butylbenzene			U	200.0	44.5
98-06-6	tert-Butylbenzene			U	200.0	44.5
1634-04-4	tert-Butyl methyl ether (MTBE)			U	2000.0	677.0
56-23-5	Carbon tetrachloride			U	200.0	38.7
108-90-7	Chlorobenzene (monochlorobenzene)			U	200.0	52.7
75-00-3	Chloroethane			U	200.0	91.6
67-66-3	Chloroform*			U	200.0	50.1
74-87-3	Chloromethane			U	200.0	119.1
95-49-8	2-Chlorotoluene			U	200.0	47.3
106-43-4	4-Chlorotoluene			U	200.0	47.3
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			U	200.0	25.1
124-48-1	Dibromochloromethane*			U	200.0	28.6
106-93-4	1,2-Dibromoethane (Ethylene dibromide (EDB))			U	200.0	31.7
74-95-3	Dibromomethane			U	200.0	63.4
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)			U	200.0	40.5
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)			U	200.0	40.5
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)			U	200.0	40.5
75-71-8	Dichlorodifluoromethane			U	200.0	49.2
75-34-3	1,1-Dichloroethane			U	200.0	60.2
107-06-2	1,2-Dichloroethane			U	200.0	60.2
75-35-4	1,1-Dichloroethene	1500	460		200.0	61.4
156-59-2	cis-1,2-Dichloroethene			U	200.0	61.4
156-60-5	trans-1,2-Dichloroethene			U	200.0	61.4
78-87-5	1,2-Dichloropropane			U	200.0	52.7
142-28-9	1,3-Dichloropropane			U	200.0	52.7
590-20-7	2,2-Dichloropropane			U	200.0	52.7
563-58-6	1,1-Dichloropropene			U	200.0	53.7
1006-01-5	cis-1,3-Dichloropropene			U	200.0	53.7
1006-02-6	trans-1,3-Dichloropropene			U	200.0	53.7
100-41-4	Ethylbenzene	47	13	J	200.0	56.2
87-68-3	Hexachlorobutadiene			U	200.0	22.8
98-82-8	Isopropylbenzene			U	200.0	49.6
99-87-6	4-Isopropyltoluene			U	200.0	44.1
75-09-2	Methylene chloride (Dichloromethane)			U	400.0	140.2

SEP 17 RECEIVED

91-20-3	Naphthalene			U	200.0	37.7
103-65-1	Propylbenzene			U	200.0	49.6
100-42-5	Styrene			U	200.0	57.3
630-20-6	1,1,1,2-Tetrachloroethane			U	200.0	35.5
79-34-5	1,1,2,2-Tetrachloroethane			U	200.0	35.5
127-18-4	Tetrachloroethene	210	38		200.0	35.9
109-99-9	Tetrahydrofuran (THF)			U	2000.0	827.4
108-88-3	Toluene	103	33	J	200.0	64.8
87-61-5	1,2,3-Trichlorobenzene			U	200.0	32.9
120-82-1	1,2,4-Trichlorobenzene			U	200.0	32.9
71-55-6	1,1,1-Trichloroethane	6600	1500		200.0	44.8
79-00-5	1,1,2-Trichloroethane			U	200.0	44.8
79-01-6	Trichloroethene	22000	5000		200.0	45.5
75-69-4	Trichlorofluoromethane			U	200.0	43.2
96-18-4	1,2,3-Trichloropropane			U	200.0	40.5
95-63-6	1,2,4-Trimethylbenzene			U	200.0	49.6
108-67-8	1,3,5-Trimethylbenzene			U	200.0	49.6
75-01-4	Vinyl chloride			U	200.0	96.1
95-47-6	o-Xylene#			U	200.0	56.2
N/A	p- & m-Xylene#	70	19	J	200.0	56.2
N/A	#Total Xylenes#	70	19	J	200.0	0.0
						ug/L

LABORATORY BATCH QUALITY CONTROL SUMMARY

SURROGATE RECOVERIES:	SURROGATE COMPOUNDS	CONCENTRATION (uG/L)	% RECOVERY
	Toluene - D8	19100	95.5%
	4 - Bromofluorobenzene	18300	91.5%
	1,2 - Dichlorobenzene - D4	23100	115.5%

LABORATORY FORTIFIED BLANK RECOVERIES

The % recoveries for compounds in the batch spike were from 80% to 120% with the exception of the compounds listed below:

COMPOUND	TARGET CONC. (uG/L)	% RECOVERY
2,2-Dichloropropane	50	172%
2-Butaonone	50	79%
Tetrahydrofuran	200	79%
Benzene	50	61%

LABORATORY BLANKS

No target compounds were detected above the sample detection limit in laboratory blank with the ecxeption of the compound(s) listed below:

COMPOUND	CONCENTRATION (mg/L)
No Exceptions	

ANALYST: Patrick Basile QC APPROVED BY: Ken Sherrell

DEFINITIONS

- ** Concentration Exceeds EPA's allowable Maximum Contamination Level
- CAS# Chemical Abstract Services Number - Unique number to help identify analytes listed by different names
- CONC. Concentration (ug/L) of analyte actually detected in the sample
- QUAL Qualifier of analytical results as follows:
  - B Analyte was detected in laboratory blank
  - J Analyte was detected at a level below which an accurate quanitation can be given (~5 * SDL)
  - U No analyte was detected above the Sample Detection Limit.
- SDL Sample Detection Limit - The lowest concentration which can be differentiated from Zero with 99% confidence taking sample size (compositing) into account.
- ug/L Concentration Units - micrograms per liter which is approximately equivalent to Parts Per Billion (ppb)

ORGANIC CHEMISTRY ANALYTICAL REQUEST FORM

SCIENTIFIC LABORATORY DIVISION
700 CAMINO DE SALUD N.E., ALBUQUERQUE, NM 87106
Organic Chemistry Section - Telephone: (505) 841-2570

SLD No. OR96-2066-B

Date Received:

Request ID No. 151911-B

2 User Code #: 5,5,3,2,1

3 Request ID No.:

4 Priority Code #: 3 [If "1" or "2", call ED-SLD Coordinator]

5 Facility Name: Sparton

6 County: Bernalillo

7 City: Albuquerque

8 State: NM

9 Sample Location: Sparton VP-1 40 feet

10 Collected By: Rob Pine (First / Last) On: 96/06/25 (Date: YY/MM/DD) At: 0950 hrs. (Time: 24 hr. clock 3:00 pm = 1500 hrs.)

11 Codes: 418 (Submitter) - (WSS #) (Organization)

12 Latitude (DDMMSS) ° ' "
Longitude (DDDMMSS) ° ' "
2 Digit ID (If needed)

13 Report To: Name Rob Pine

14 Phone #: 827-0178

Address: NMED / Assessment & Abatement Section
P.O. Box 26110
City, State Zip: Santa Fe, NM 87502

15 Sample Purpose:
- [ ] Compliance
- [ ] NMED Monitoring
- [ ] Confirmation
- [ ] Special

Sampling Information:
- [ ] Grab
- [ ] Composite _____ (Composite Time Period)
- [ ] Flow Proportioned
- [ ] Equal Aliquot
- [ ] Sample Split w/Permittee
- [ ] Chain of Custody

16 Field Data: pH: _____, Conductivity: _____ umhos/cm @ Temperature: _____ °C, Chlorine Residual: _____ mg/l, Flow: _____

17 Sample Source:
- [ ] Stream
- [ ] Lake
- [ ] Drain
- [ ] Pool
- [ ] WWTP
- [ ] Entry Point to Distribution
- [ ] Well; Depth: _____
- [ ] Spring
- [ ] Distribution
- [ ] Other: _____

18 Field Remarks:
Project Code: 515

19 Sample Type: [ ] Water [ ] Wastewater { [ ] Unchlorinated [ ] Chlorinated
[ ] Soil, [ ] Food, [■] Other Air
This form accompanies a single sample consisting of:
_____ - septum vial(s) (volume = _____ ml ea.)
_____ - glass jug(s) (volume = _____ ml ea.)
1 - Tedlar bag (volume = _____)

20 Preservation:
- [ ] NP — No Preservation; Sample stored at room temperature
- [ ] P-Ice — Sample stored in an ice bath (Not Frozen)
- [ ] P-TS — Sample Preserved with Sodium Thiosulfate to remove chlorine residual
- [ ] P-HCl — Sample Preserved with Hydrochloric Acid (2 drops/40 ml)
- [ ] P-$HgCl_2$ — Sample Preserved with 20 mg/l Mercuric Chloride
- [ ] Other _____

21 Analyses Requested: Please check the appropriate box(es) below to indicate the type of analytical screen(s) required. Whenever possible, list specific compounds suspected or required, and note below whenever highly contaminated samples are suspected.

Volatile Screens:

- [ ] (753) Aliphatic Headspace (Qualitative Screen)
- [■] (754) Aromatic & Halogenated Purgeables (EPA 601/2)
- [ ] (765) Mass Spectrometer Purgeables (EPA 624)
- [ ] (766) SDWA Total Trihalomethanes (EPA 501.1)
- [ ] (774) SDWA VOC's I [21 REGULATED +] (EPA 502.2)
- [ ] (775) SDWA VOC's II [EDB & DBCP] (EPA 504)
- [ ] (790) Composite Sample for Analysis No. _____

Other Specific Compounds or Classes:

- [ ] ( ) _____
- [ ] ( ) _____

Semivolatile Screens:

- [ ] (755) Base/Neutral Extractables (EPA 625)
- [ ] (756) Base/Neutral/Acid Extractables (EPA 8270)
- [ ] (772) Carbamate Pesticides (EPA 531.1)
- [ ] (758) Herbicides, Chlorophenoxy Acid (EPA 515.1)
- [ ] (759) Herbicides, Triazine (EPA 507)
- [ ] (751) Hydrocarbon Fuel Screen (EPA M-8015)
- [ ] (760) Organochlorine Pesticides (EPA 505)
- [ ] (761) Organophosphate Pesticides (EPA 507)
- [ ] (767) Polychlorinated Biphenyls (PCB's) in Oil
- [ ] (762) SDWA Synthetic Org. Cmpds. (SLD 758/760)
- [ ] (782) Total Petroleum Hydrocarbons (EPA 418.1)

Remarks:
96 JUN 25 PM 1:10

Please RETAIN A COPY of your completed form

STATE OF NEW MEXICO DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700

700 Camino de Salud, NE
[505] 841-2500

ORGANIC CHEMISTRY SECTION [505] 841-2570

REPORT TO CLIENT:

Attn: Rob Pine
NMED / Assessment & Abatement Sec.
P.O. Box 26110
Santa Fe, New Mexico 87502

SLD No.: OR- 9602065
REQUEST ID No.: 151910
RECEIVED AT SLD: 6/25/96
SLD COPY USER 55321

SAMPLE COLLECTION: DATE: 6/25/96 TIME: 9:35 BY: Pine
SAMPLING LOCATION: Sparton VP-1 @ 50 feet
SAMPLE MATRIX: Gas REPORTING UNITS: ug/L

Remarks:

EPA METHOD 8260 Modified MASS SPECTROMETER VOLATILES BY PURGE AND TRAP

DATE EXTRACTED: N/A
DATE ANALYZED: 6/26/96 1 Days: Within EPA Analysis Time
AIR SAMPLE VOL (ml): 0.05

ANALYSIS No.: OR- 9602065
SLD BATCH No.: 294a&d
DILUTION FACTOR: 20.00
REQUEST ID No.: 151910

Barometric Pressure During Analayis in mm of Mercury: 636 mm

CAS #	ANALYTE NAME	CONCENTRATION		QUAL.	SDL	SDL
		uG/L (air)	ppm V/V		uG/L	ppm V/V
71-43-2	Benzene			U	100.0	38.2
108-86-1	Bromobenzene			U	100.0	19.0
74-97-5	Bromochloromethane			U	100.0	23.1
75-27-4	Bromodichloromethane*			U	100.0	18.2
75-25-2	Bromoform*			U	100.0	11.8
24-83-9	Bromomethane			U	100.0	31.4
78-93-3	2-Butanone (MEK)			U	1000.0	413.7
104-51-8	n-Butylbenzene			U	100.0	22.2
135-98-8	sec-Butylbenzene			U	100.0	22.2
98-06-6	tert-Butylbenzene			U	100.0	22.2
1634-04-4	tert-Butyl methyl ether (MTBE)			U	1000.0	338.5
56-23-5	Carbon tetrachloride			U	100.0	19.3
108-90-7	Chlorobenzene (monochlorobenzene)			U	100.0	26.4
75-00-3	Chloroethane			U	100.0	45.8
67-66-3	Chloroform*			U	100.0	25.0
74-87-3	Chloromethane			U	100.0	59.6
95-49-8	2-Chlorotoluene			U	100.0	23.6
106-43-4	4-Chlorotoluene			U	100.0	23.6
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			U	100.0	12.6
124-48-1	Dibromochloromethane*			U	100.0	14.3
106-93-4	1,2-Dibromoethane (Ethylene dibromide (EDB))			U	100.0	15.8
74-95-3	Dibromomethane			U	100.0	31.7
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)			U	100.0	20.3
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)			U	100.0	20.3
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)			U	100.0	20.3
75-71-8	Dichlorodifluoromethane			U	100.0	24.6
75-34-3	1,1-Dichloroethane			U	100.0	30.1
107-06-2	1,2-Dichloroethane			U	100.0	30.1
75-35-4	1,1-Dichloroethene	1000	310		100.0	30.7
156-59-2	cis-1,2-Dichloroethene			U	100.0	30.7
156-60-5	trans-1,2-Dichloroethene			U	100.0	30.7
78-87-5	1,2-Dichloropropane			U	100.0	26.4
142-28-9	1,3-Dichloropropane			U	100.0	26.4
590-20-7	2,2-Dichloropropane			U	100.0	26.4
563-58-6	1,1-Dichloropropene			U	100.0	26.8
1006-01-5	cis-1,3-Dichloropropene			U	100.0	26.8
1006-02-6	trans-1,3-Dichloropropene			U	100.0	26.8
100-41-4	Ethylbenzene			U	100.0	28.1
87-68-3	Hexachlorobutadiene			U	100.0	11.4
98-82-8	Isopropylbenzene			U	100.0	24.8
99-87-6	4-Isopropyltoluene			U	100.0	22.1
75-09-2	Methylene chloride (Dichloromethane)			U	200.0	70.1

RECEIVED

91-20-3	Naphthalene			U	100.0	18.9
103-65-1	Propylbenzene			U	100.0	24.8
100-42-5	Styrene			U	100.0	28.6
630-20-6	1,1,1,2-Tetrachloroethane			U	100.0	17.7
79-34-5	1,1,2,2-Tetrachloroethane			U	100.0	17.7
127-18-4	Tetrachloroethene	160	27		100.0	17.9
109-99-9	Tetrahydrofuran (THF)			U	1000.0	413.7
108-88-3	Toluene			U	100.0	32.4
87-61-5	1,2,3-Trichlorobenzene			U	100.0	16.5
120-82-1	1,2,4-Trichlorobenzene			U	100.0	16.5
71-55-6	1,1,1-Trichloroethane	2600	580		100.0	22.4
79-00-5	1,1,2-Trichloroethane			U	100.0	22.4
79-01-6	Trichloroethene	9400	2100		100.0	22.7
75-69-4	Trichlorofluoromethane			U	100.0	21.6
96-18-4	1,2,3-Trichloropropane			U	100.0	20.3
95-63-6	1,2,4-Trimethylbenzene			U	100.0	24.8
108-67-8	1,3,5-Trimethylbenzene			U	100.0	24.8
75-01-4	Vinyl chloride			U	100.0	48.0
95-47-6	o-Xylene#			U	100.0	28.1
N/A	p- & m-Xylene#			U	100.0	
N/A	#Total Xylenes#	0.0	0.0	U	100.0	

LABORATORY BATCH QUALITY CONTROL SUMMARY

	SURROGATE COMPOUNDS	CONCENTRATION	% RECOVERY
SURROGATE RECOVERIES:	Toluene - D8	10200	102.0%
	4 - Bromofluorobenzene	8790	87.9%
	1,2 - Dichlorobenzene - D4	11600	116.0%

LABORATORY FORTIFIED BLANK RECOVERIES

The % recoveries for compounds in the batch spike were from 80% to 120% with the exception of the compounds listed below:

COMPOUND	TARGET CONC. (uG/L)	% RECOVERY
2,2-Dichloropropane	50	172%
2-Butanone	50	79%
Tetrahydrofuran	200	79%
Benzene	50	61%

LABORATORY BLANKS

No target compounds were detected above the sample detection limit in laboratory blank with the ecxeption of the compound(s) listed below:

COMPOUND	CONCENTRATION (mg/L)
[illegible]tions	

ANALYST: **Patrick Basile** QC APPROVED BY: **Ken Sherrell** KS

DEFINITIONS

- ** Concentration Exceeds EPA's allowable Maximum Contamination Level
- CAS# Chemical Abstract Services Number - Unique number to help identify analytes listed by different names
- CONC. Concentration (ug/L) of analyte actually detected in the sample
- QUAL Qualifier of analytical results as follows:
  - B Analyte was detected in laboratory blank
  - J Analyte was detected at a level below which an accurate quanitation can be given (~5 * SDL)
  - U No analyte was detected above the Sample Detection Limit.
- SDL Sample Detection Limit - The lowest concentration which can be differentiated from Zero with 99% confidence taking sample size (compositing) into account.
- ug/L Concentration Units - micrograms per liter which is approximately equivalent to Parts Per Billion (ppb)

ORGANIC CHEMISTRY ANALYTICAL REQUEST FORM

SCIENTIFIC LABORATORY DIVISION
700 CAMINO DE SALUD N.E., ALBUQUERQUE, NM 87106
Organic Chemistry Section - Telephone: (505) 841-2570

SLD No. OR96-2065-B

Date Received:

Request ID No. 151910-B

2 User Code #: 55321

3 Request ID No.:

4 Priority Code #: 3 [If "1" or "2", call ED-SLD Coordinator]

5 Facility Name: Sparton

6 County: Bernalillo

7 City: Albuquerque

8 State: NM

9 Sample Location: Sparton VP-1 50 Feet

10 Collected By: Rob Pine (First / Last) On: 96/06/25 (Date: YY/MM/DD) At: 0935 hrs. (Time: 24 hr. clock 3:00 pm = 1500 hrs.)

11 Codes: 418 (Submitter) - (WSS #) (Organization)

12 Latitude (DDMMSS) ° ' "
Longitude (DDDMMSS) ° ' "
2 Digit ID (If needed)

13 Report To: Name Rob Pine

14 Phone #: 827-0178

Address: NMED / Assessment & Abatement Section
P.O. Box 26110
City, State Zip: Santa Fe, NM 87502

15 Sampling Information:
Sample Purpose:
- ☐ Compliance
- ☐ NMED Monitoring
- ☐ Confirmation
- ☐ Special

- ☐ Grab
- ☐ Composite _____ (Composite Time Period)
- ☐ Flow Proportioned
- ☐ Equal Aliquot
- ☐ Sample Split w/Permittee
- ☐ Chain of Custody

16 Field Data: pH: _____, Conductivity: _____ umhos/cm @ Temperature: _____ °C, Chlorine Residual: _____ mg/l, Flow: _____

17 Sample Source:
- ☐ Stream
- ☐ Lake
- ☐ Drain
- ☐ Pool
- ☐ WWTP
- ☐ Entry Point to Distribution
- ☐ Well; Depth: _____
- ☐ Spring
- ☐ Distribution
- ☐ Other: _____

18 Field Remarks:
Project Code: 515

19 Sample Type: ☐ Water ☐ Wastewater { ☐ Unchlorinated ☐ Chlorinated
☐ Soil, ☐ Food, ■ Other Air
This form accompanies a single sample consisting of:
____ - septum vial(s) (volume = _____ ml ea.)
____ - glass jug(s) (volume = _____ ml ea.)
1 - Tedlar bag (volume = _____)

20 Preservation:
- ☐ NP — No Preservation; Sample stored at room temperature
- ☐ P-Ice — Sample stored in an ice bath (Not Frozen)
- ☐ P-TS — Sample Preserved with Sodium Thiosulfate to remove chlorine residual
- ☐ P-HCl — Sample Preserved with Hydrochloric Acid (2 drops/40 ml)
- ☐ P-$HgCl_2$ — Sample Preserved with 20 mg/l Mercuric Chloride
- ☐ Other _____

21 Analyses Requested: Please check the appropriate box(es) below to indicate the type of analytical screen(s) required. Whenever possible, list specific compounds suspected or required, and note below whenever highly contaminated samples are suspected.

Volatile Screens:

- ☐ - (753) Aliphatic Headspace (Qualitative Screen)
- ■ - (754) Aromatic & Halogenated Purgeables (EPA 601/2)
- ☐ - (765) Mass Spectrometer Purgeables (EPA 624)
- ☐ - (766) SDWA Total Trihalomethanes (EPA 501.1)
- ☐ - (774) SDWA VOC's I [21 REGULATED +] (EPA 502.2)
- ☐ - (775) SDWA VOC's II [EDB & DBCP] (EPA 504)
- ☐ - (790) Composite Sample for Analysis No. _____

Other Specific Compounds or Classes:

- ☐ - ( ) _____
- ☐ - ( ) _____

Semivolatile Screens:

- ☐ - (755) Base/Neutral Extractables (EPA 625)
- ☐ - (756) Base/Neutral/Acid Extractables (EPA 8270)
- ☐ - (772) Carbamate Pesticides (EPA 531.1)
- ☐ - (758) Herbicides, Chlorophenoxy Acid (EPA 515.1)
- ☐ - (759) Herbicides, Triazine (EPA 507)
- ☐ - (751) Hydrocarbon Fuel Screen (EPA M-8015)
- ☐ - (760) Organochlorine Pesticides (EPA 505)
- ☐ - (761) Organophosphate Pesticides (EPA 507)
- ☐ - (767) Polychlorinated Biphenyls (PCB's) in Oil
- ☐ - (762) SDWA Synthetic Org. Cmpds. (SLD 758/760)
- ☐ - (782) Total Petroleum Hydrocarbons (EPA 418.1)

Remarks:

96 JUN 25 PM 1:10

Please RETAIN A COPY of your completed form

STATE OF NEW MEXICO DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700

700 Camino de Salud, NE
[505] 841-2500

ORGANIC CHEMISTRY SECTION [505] 841-2570

REPORT TO CLIENT:

Attn: Rob Pine
NMED / Assessment & Abatement Sec.
P.O. Box 26110
Santa Fe, New Mexico 87502

SLD No.: OR- 9602064
REQUEST ID No.: 151909
RECEIVED AT SLD: 6/25/96
SLD COPY USER 55321

SAMPLE COLLECTION: DATE: 6/25/96 TIME: 9:20 BY: Pine
SAMPLING LOCATION: Sparton VP-1 @ 60 feet
SAMPLE MATRIX: Gas REPORTING UNITS: ug/L

Remarks:

EPA METHOD 8260 Modified MASS SPECTROMETER VOLATILES BY PURGE AND TRAP

DATE EXTRACTED: N/A
DATE ANALYZED: 6/26/96 1 Days: Within EPA Analysis Time
AIR SAMPLE VOL (ml): 0.05

ANALYSIS No.: OR- 9602064
SLD BATCH No.: 294a&d
DILUTION FACTOR: 20.00
REQUEST ID No.: 151909

Barometric Pressure During Analayis in mm of Mercury: 636

CAS #	ANALYTE NAME	CONCENTRATION		QUAL.	SDL	SDL
		uG/L (air)	ppm V/V		uG/L	ppm V/V
71-43-2	Benzene			U	100.0	38.2
108-86-1	Bromobenzene			U	100.0	19.0
74-97-5	Bromochloromethane			U	100.0	23.1
75-27-4	Bromodichloromethane*			U	100.0	18.2
75-25-2	Bromoform*			U	100.0	11.8
24-83-9	Bromomethane			U	100.0	31.4
78-93-3	2-Butanone (MEK)			U	1000.0	413.7
104-51-8	n-Butylbenzene			U	100.0	22.2
135-98-8	sec-Butylbenzene			U	100.0	22.2
98-06-6	tert-Butylbenzene			U	100.0	22.2
1634-04-4	tert-Butyl methyl ether (MTBE)			U	1000.0	338.5
56-23-5	Carbon tetrachloride			U	100.0	19.3
108-90-7	Chlorobenzene (monochlorobenzene)			U	100.0	26.4
75-00-3	Chloroethane			U	100.0	45.8
67-66-3	Chloroform*			U	100.0	25.0
74-87-3	Chloromethane			U	100.0	59.6
95-49-8	2-Chlorotoluene			U	100.0	23.6
106-43-4	4-Chlorotoluene			U	100.0	23.6
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			U	100.0	12.6
124-48-1	Dibromochloromethane*			U	100.0	14.3
106-93-4	1,2-Dibromoethane (Ethylene dibromide (EDB))			U	100.0	15.8
74-95-3	Dibromomethane			U	100.0	31.7
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)			U	100.0	20.3
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)			U	100.0	20.3
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)			U	100.0	20.3
75-71-8	Dichlorodifluoromethane			U	100.0	24.6
75-34-3	1,1-Dichloroethane			U	100.0	30.1
107-06-2	1,2-Dichloroethane			U	100.0	30.1
75-35-4	1,1-Dichloroethene	1200	350		100.0	30.7
156-59-2	cis-1,2-Dichloroethene			U	100.0	30.7
156-60-5	trans-1,2-Dichloroethene			U	100.0	30.7
78-87-5	1,2-Dichloropropane			U	100.0	26.4
142-28-9	1,3-Dichloropropane			U	100.0	26.4
590-20-7	2,2-Dichloropropane			U	100.0	26.4
563-58-6	1,1-Dichloropropene			U	100.0	26.8
1006-01-5	cis-1,3-Dichloropropene			U	100.0	26.8
1006-02-6	trans-1,3-Dichloropropene			U	100.0	26.8
100-41-4	Ethylbenzene			U	100.0	28.1
87-68-3	Hexachlorobutadiene			U	100.0	11.4
98-82-8	Isopropylbenzene			U	100.0	24.8
99-87-6	4-Isopropyltoluene			U	100.0	22.1
75-09-2	Methylene chloride (Dichloromethane)			U	200.0	70.1

RECEIVED

91-20-3	Naphthalene			U	100.0	18.9
103-65-1	Propylbenzene			U	100.0	24.8
100-42-5	Styrene			U	100.0	28.6
630-20-6	1,1,1,2-Tetrachloroethane			U	100.0	17.7
79-34-5	1,1,2,2-Tetrachloroethane			U	100.0	17.7
127-18-4	Tetrachloroethene	170	29		100.0	17.9
109-99-9	Tetrahydrofuran (THF)			U	1000.0	413.7
108-88-3	Toluene			U	100.0	32.4
87-61-5	1,2,3-Trichlorobenzene			U	100.0	16.5
120-82-1	1,2,4-Trichlorobenzene			U	100.0	16.5
71-55-6	1,1,1-Trichloroethane	3800	840		100.0	22.4
79-00-5	1,1,2-Trichloroethane			U	100.0	22.4
79-01-6	Trichloroethene	10000	2300		100.0	22.7
75-69-4	Trichlorofluoromethane			U	100.0	21.6
96-18-4	1,2,3-Trichloropropane			U	100.0	20.3
95-63-6	1,2,4-Trimethylbenzene			U	100.0	24.8
108-67-8	1,3,5-Trimethylbenzene			U	100.0	24.8
75-01-4	Vinyl chloride			U	100.0	48.0
95-47-6	o-Xylene*			U	100.0	28.1
N/A	p- & m-Xylene#			U	100.0	
N/A	#Total Xylenes#	0.0	0.0	U	100.0	

LABORATORY BATCH QUALITY CONTROL SUMMARY

	SURROGATE COMPOUNDS	CONCENTRATION (uG/L)	% RECOVERY
SURROGATE RECOVERIES:	Toluene - D8	10100	101.0%
	4 - Bromofluorobenzene	9500	95.0%
	1,2 - Dichlorobenzene - D4	11300	113.0%

LABORATORY FORTIFIED BLANK RECOVERIES

The % recoveries for compounds in the batch spike were from 80% to 120% with the exception of the compounds listed below:

COMPOUND	TARGET CONC. (uG/L)	% RECOVERY
2,2-Dichloropropane	50	172%
2-Butanone	50	79%
Tetrahydrofuran	200	79%
Benzene	50	61%

LABORATORY BLANKS

No target compounds were detected above the sample detection limit in laboratory blank with the ecxeption of the compound(s) listed below:

COMPOUND	CONCENTRATION (mg/L)
No Exceptions	

ANALYST: **Patrick Basile** QC APPROVED BY: **Ken Sherrell**

DEFINITIONS

- ** Concentration Exceeds EPA's allowable Maximum Contamination Level
- CAS# Chemical Abstract Services Number - Unique number to help identify analytes listed by different names
- CONC. Concentration (ug/L) of analyte actually detected in the sample
- QUAL Qualifier of analytical results as follows:
  - B Analyte was detected in laboratory blank
  - J Analyte was detected at a level below which an accurate quanitation can be given (~5 * SDL)
  - U No analyte was detected above the Sample Detection Limit.
- SDL Sample Detection Limit - The lowest concentration which can be differentiated from Zero with 99% confidence taking sample size (compositing) into account.
- ug/L Concentration Units - micrograms per liter which is approximately equivalent to Parts Per Billion (ppb)

OGC-001982

ORGANIC CHEMISTRY ANALYTICAL REQUEST FORM

SCIENTIFIC LABORATORY DIVISION
700 CAMINO DE SALUD N.E., ALBUQUERQUE, NM 87106
Organic Chemistry Section - Telephone: (505) 841-2570

SLD No. OR96-2064-B

Date Received:

Request ID No. 151909-B

2 User Code #: 55321

3 Request ID No.:

Priority Code #: 3 [If "1" or "2", call ED-SLD Coordinator]

5 Facility Name: Sparton

6 County: Bernalillo

7 City: Albuquerque

8 State: NM

9 Sample Location: Sparton VP-1 60 Feet

10 Collected By: Rob Pine (First / Last) On: 96/06/25 (Date: YY/MM/DD) At: 0920 hrs. (Time: 24 hr. clock 3:00 pm = 1500 hrs.)

11 Codes: Submitter: 418 WSS #: - Organization:

12 Latitude (DDMMSS) ° ' "
Longitude (DDDMMSS) ° ' "
2 Digit ID (If needed)

13 Report To: Name Rob Pine

14 Phone #: 827-0178

Address: NMED / Assessment & Abatement Section
P.O. Box 26110

City, State Zip: Santa Fe, NM 87502

15 Sampling Information:
Sample Purpose:
- ☐ Compliance
- ☐ NMED Monitoring
- ☐ Confirmation
- ☐ Special

☐ - Grab
☐ - Composite _____ (Composite Time Period)
☐ - Flow Proportioned
☐ - Equal Aliquot
☐ - Sample Split w/Permittee
☐ - Chain of Custody

16 Field Data: pH: _____, Conductivity: _____ umhos/cm @ Temperature: _____ °C, Chlorine Residual: _____ mg/l, Flow: _____

17 Sample Source:
- ☐ -Stream
- ☐ -Lake
- ☐ -Drain
- ☐ -Pool
- ☐ -WWTP
- ☐ -Entry Point to Distribution
- ☐ -Well; Depth: _____
- ☐ -Spring
- ☐ -Distribution
- ☐ -Other: _____

18 Field Remarks:
Project Code: 515

19 Sample Type: ☐ - Water ☐ - Wastewater { ☐ - Unchlorinated ☐ - Chlorinated
☐ - Soil, ☐ - Food, ■ - Other Air
This form accompanies a single sample consisting of:
____ - septum vial(s) (volume = _____ ml ea.)
____ - glass jug(s) (volume = _____ ml ea.)
1 - Tedlar bag (volume = _____)

20 Preservation:
- ☐ - NP No Preservation; Sample stored at room temperature
- ☐ - P-Ice Sample stored in an ice bath (Not Frozen)
- ☐ - P-TS Sample Preserved with Sodium Thiosulfate to remove chlorine residual
- ☐ - P-HCl Sample Preserved with Hydrochloric Acid (2 drops/40 ml)
- ☐ - P-$HgCl_2$ Sample Preserved with 20 mg/l Mercuric Chloride
- ☐ - Other _____

21 Analyses Requested: Please check the appropriate box(es) below to indicate the type of analytical screen(s) required. Whenever possible, list specific compounds suspected or required, and note below whenever highly contaminated samples are suspected.

Volatile Screens:

- ☐ - (753) Aliphatic Headspace (Qualitative Screen)
- ■ - (754) Aromatic & Halogenated Purgeables (EPA 601/2)
- ☐ - (765) Mass Spectrometer Purgeables (EPA 624)
- ☐ - (766) SDWA Total Trihalomethanes (EPA 501.1)
- ☐ - (774) SDWA VOC's I [21 REGULATED +] (EPA 502.2)
- ☐ - (775) SDWA VOC's II [EDB & DBCP] (EPA 504)
- ☐ - (790) Composite Sample for Analysis No. _____

Other Specific Compounds or Classes:

- ☐ - ( ) _____
- ☐ - ( ) _____

Semivolatile Screens:

- ☐ - (755) Base/Neutral Extractables (EPA 625)
- ☐ - (756) Base/Neutral/Acid Extractables (EPA 8270)
- ☐ - (772) Carbamate Pesticides (EPA 531.1)
- ☐ - (758) Herbicides, Chlorophenoxy Acid (EPA 515.1)
- ☐ - (759) Herbicides, Triazine (EPA 507)
- ☐ - (751) Hydrocarbon Fuel Screen (EPA M-8015)
- ☐ - (760) Organochlorine Pesticides (EPA 505)
- ☐ - (761) Organophosphate Pesticides (EPA 507)
- ☐ - (767) Polychlorinated Biphenyls (PCB's) in Oil
- ☐ - (762) SDWA Synthetic Org. Cmpds. (SLD 758/760)
- ☐ - (782) Total Petroleum Hydrocarbons (EPA 418.1)

Remarks: 96 JUN 25 PM 1:10

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
AIR & HEAVY METALS SECTION [505]-841-2553

September 23, 1996

Request ID No. 149671

ANALYTICAL REPORT
SLD Accession No. HM-96-1337

Distribution
( ) User 55321
(X) Submitter 418
(x) SLD Files

To: ED-Assessment & Abatement Sect.
ED Ground Water Quality Bureau
P.O. Box 26110
Santa Fe, NM 87502

From: Air & Heavy Metals Section
Scientific Laboratory Div.
700 Camino de Salud, N.E.
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A soil sample submitted to this laboratory on June 13, 1996**

DEMOGRAPHIC DATA

COLLECTION		*LOCATION*
On: 12-Jun-96	*By:* Pin . . .	Sparton VP-1 37 Feet
At: 0:00 hrs.	*In/Near:* Albuquerque	

ANALYTICAL RESULTS

Analysis	Value	Units	Analyst
Chromium	26.0000	uG/Gram	

Laboratory Remarks: Digested at S.L.D.
Chromium by method 218.1 on 9/12/96 by RS.
Facility: Sparton.

Reviewed By: _____
Ron Amato 09/23/96
Supervisor, Air & Heavy Metals Section

SEP 1996 RECEIVED

STATE OF NEW MEXICO DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700 **700 Camino de Salud, NE**
Albuquerque, NM 87196-4700 **[505]-841-2500**

AIR & HEAVY METALS SECTION [505]-841-2553

September 23, 1996

Request ID No. 149672

ANALYTICAL REPORT
SLD Accession No. HM-96-1338

Distribution
( ) User 55321
(X) Submitter 418
(x) SLD Files

To: ED-Assessment & Abatement Sect.
ED Ground Water Quality Bureau
P.O. Box 26110
Santa Fe, NM 87502

From: Air & Heavy Metals Section
Scientific Laboratory Div.
700 Camino de Salud, N.E.
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A soil sample submitted to this laboratory on June 13, 1996**

DEMOGRAPHIC DATA

COLLECTION		*LOCATION*
On: 12-Jun-96	*By:* Pin . . .	Sparton VP-1 47 Feet
At: 0:00 hrs.	*In/Near:* Albuquerque	

ANALYTICAL RESULTS

Analysis	Value	Units	Analyst
Chromium	19.0000	uG/Gram	

Laboratory Remarks: Digested at S.L.D.
Chromium by method 218.1 on 8/28/96 by RS.
Facility: Sparton.

Reviewed By: _____
Ron Amato 09/23/96
Supervisor, Air & Heavy Metals Section

SEP 1996 RECEIVED

OGC-001985

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
AIR & HEAVY METALS SECTION [505]-841-2553

September 26, 1996

Request ID No. 149670

ANALYTICAL REPORT
SLD Accession No. HM-96-1336

Distribution
( ) User 55321
(X) Submitter 418
(x) SLD Files

To: Rob Pine
ED Ground Water Quality Bureau
P.O. Box 26110
Santa Fe, NM 87502

From: Air & Heavy Metals Section
Scientific Laboratory Div.
700 Camino de Salud, N.E.
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A soil sample submitted to this laboratory on June 13, 1996**

DEMOGRAPHIC DATA

COLLECTION		*LOCATION*
On: 12-Jun-96	*By:* Pin . . .	Sparton VP-1 28 Feet
At: 0:00 hrs.	*In/Near:* Albuquerque	

ANALYTICAL RESULTS

Analysis	Value	Units	Analyst
Chromium	240.0000	uG/Gram	

Laboratory Remarks: Digested at S.L.D.
Chromium by method 218.1 on 9/12/96 by RS.
Percent Solids = 97.1%.
Facility: Sparton.
This is a revised report for % Solids.

Reviewed By: _____
Ron Amato 09/23/96
Supervisor, Air & Heavy Metals Section

SEP 1996 RECEIVED

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
AIR & HEAVY METALS SECTION [505]-841-2553

September 26, 1996

Request ID No. 149671

ANALYTICAL REPORT
SLD Accession No. HM-96-1337

Distribution
( ) User 55321
(X) Submitter 418
(x) SLD Files

To: Rob Pine
ED Ground Water Quality Bureau
P.O. Box 26110
Santa Fe, NM 87502

From: Air & Heavy Metals Section
Scientific Laboratory Div.
700 Camino de Salud, N.E.
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A soil sample submitted to this laboratory on June 13, 1996**

DEMOGRAPHIC DATA

COLLECTION		*LOCATION*
On: 12-Jun-96	*By:* Pin . . .	Sparton VP-1 37 Feet
At: 0:00 hrs.	*In/Near:* Albuquerque	

ANALYTICAL RESULTS

Analysis	Value	Units	Analyst
Chromium	26.0000	uG/Gram	

Laboratory Remarks: Digested at S.L.D.
Chromium by method 218.1 on 9/12/96 by RS.
Percent Solids = 97.0%
Facility: Sparton.
This is a revised report for % Solids.

Reviewed By: _____
Ron Amato 09/23/96
Supervisor, Air & Heavy Metals Section

SEP 1996 RECEIVED

OGC-001987

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
AIR & HEAVY METALS SECTION [505]-841-2553

September 26, 1996

Request ID No. 149672

ANALYTICAL REPORT
SLD Accession No. HM-96-1338

Distribution
( ) User 55321
(X) Submitter 418
(x) SLD Files

To: Rob Pine
ED Ground Water Quality Bureau
P.O. Box 26110
Santa Fe, NM 87502

From: Air & Heavy Metals Section
Scientific Laboratory Div.
700 Camino de Salud, N.E.
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A soil sample submitted to this laboratory on June 13, 1996**

DEMOGRAPHIC DATA

COLLECTION		*LOCATION*
On: 12-Jun-96	*By:* Pin . . .	Sparton VP-1 47 Feet
At: 0:00 hrs.	*In/Near:* Albuquerque	

ANALYTICAL RESULTS

Analysis	Value	Units	Analyst
Chromium	19.0000	uG/Gram	

Laboratory Remarks: Digested at S.L.D.
Chromium by method 218.1 on 8/28/96 by RS.
Percent Solids = 99.1%
Facility: Sparton.
This is a revised report for % Solids.

Reviewed By: _____
Ron Amato 09/23/96
Supervisor, Air & Heavy Metals Section

SEP 1996
RECEIVED

OGC-001988

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
AIR & HEAVY METALS SECTION [505]-841-2553

September 23, 1996

Request ID No. 149670

ANALYTICAL REPORT
SLD Accession No. HM-96-1336

Distribution
( ) User 55321
(X) Submitter 418
(x) SLD Files

To: ED-Assessment & Abatement Sect.
ED Ground Water Quality Bureau
P.O. Box 26110
Santa Fe, NM 87502

From: Air & Heavy Metals Section
Scientific Laboratory Div.
700 Camino de Salud, N.E.
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A soil sample submitted to this laboratory on June 13, 1996**

DEMOGRAPHIC DATA

COLLECTION		*LOCATION*
On: 12-Jun-96	*By:* Pin . . .	Sparton VP-1 28 Feet
At: 0:00 hrs.	*In/Near:* Albuquerque	

ANALYTICAL RESULTS

Analysis	Value	Units	Analyst
Chromium	240.0000	uG/Gram	

Laboratory Remarks: Digested at S.L.D.
Chromium by method 218.1 on 9/12/96 by RS.
Facility: Sparton.

Reviewed By: _____
Ron Amato 09/23/96
Supervisor, Air & Heavy Metals Section

SEP 1996
RECEIVED

STATE OF NEW MEXICO DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700 **700 Camino de Salud, NE**
Albuquerque, NM 87196-4700 **[505]-841-2500**
AIR & HEAVY METALS SECTION [505]-841-2553

October 4, 1996

Request ID No. 149673

ANALYTICAL REPORT
SLD Accession No. HM-96-1339

Distribution
( ) User 55321
(X) Submitter 418
(x) SLD Files

To: Rob Pine
NMED Ground Water Quality Bureau
1190 St. Francis Dr.
Box 26110
Santa Fe, NM 87502

From: Air & Heavy Metals Section
Scientific Laboratory Div.
700 Camino de Salud, N.E.
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A soil sample submitted to this laboratory on June 13, 1996**

DEMOGRAPHIC DATA

COLLECTION		*LOCATION*
On: 12-Jun-96	*By:* Pin . . .	Sparton VP-1 57 Feet
At: 0:00 hrs.	*In/Near:* Albuquerque	

ANALYTICAL RESULTS

Analysis	Value	Units	Analyst
Chromium	11.0000	uG/Gram	

Laboratory Remarks: Digested at SLD. Percent Solids = 94.5%
Cromium by method 218.2 on 9/27/96 by RS.
Facility: Sparton.

Reviewed By: _____
Ron Amato 10/01/96
Supervisor, Air & Heavy Metals Section

STATE OF NEW MEXICO DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505] 841-2500
ORGANIC CHEMISTRY SECTION [505] 841-2570

REPORT TO CLIENT: ☒

Rob Pine
NMED/Assessment & Abatement Section
P.O. Box 26110
Santa Fe, NM 87502

SLD No.: OR- 9601985
REQUEST ID No.: 149679
RECEIVED AT SLD: 6/13/96
☐ SLD COPY USER 55321

SAMPLE COLLECTION: DATE: 6/12/96 TIME: _____ BY: Pin
SAMPLING LOCATION: Sparton VP-1 57 feet
Sample Type: Soil REPORTING UNITS: ug/Kg

Remarks:
See Laboratory Remarks.

EPA METHOD 8021 VOLATILES BY GAS CHROMATOGRAHY (PID/ELCD)

DATE EXTRACTED: N/A
DATE ANALYZED: 6/19/96 7 Days: Within EPA Analysis Time
SAMPLE DRY WEIGHT (g): 10.52
0
SAMPLE PRESERVATION:

ANALYSIS No.: OR- 9601985
SLD BATCH No.: 279
DILUTION FACTOR: 200.00
REQUEST ID No.: 149679

CAS #	ANALYTE NAME	CONC. (ug/Kg)	QUAL.	SDL
71-43-2	Benzene		U	200.0
108-86-1	Bromobenzene		U	200.0
74-97-5	Bromochloromethane		U	200.0
75-27-4	Bromodichloromethane*		U	200.0
75-25-2	Bromoform*		U	200.0
24-83-9	Bromomethane		U	200.0
78-93-3	2-Butanone (MEK)		U	200.0
104-51-8	n-Butylbenzene		U	200.0
135-98-8	sec-Butylbenzene		U	200.0
98-06-6	tert-Butylbenzene		U	200.0
1634-04-4	tert-Butyl methyl ether (MTBE)		U	200.0
56-23-5	Carbon tetrachloride		U	200.0
108-90-7	Chlorobenzene (monochlorobenzene)		U	200.0
75-00-3	Chloroethane		U	400.0
67-66-3	Chloroform*		U	200.0
74-87-3	Chloromethane		U	200.0
95-49-8	2-Chlorotoluene		U	200.0
106-43-4	4-Chlorotoluene		U	200.0
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		U	200.0
124-48-1	Dibromochloromethane*		U	200.0
106-93-4	1,2-Dibromoethane (Ethylene dibromide (EDB))		U	200.0
74-95-3	Dibromomethane		U	200.0
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)		U	200.0
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)		U	200.0
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)		U	200.0
75-71-8	Dichlorodifluoromethane		U	200.0
75-34-3	1,1-Dichloroethane		U	200.0
107-06-2	1,2-Dichloroethane		U	200.0
75-35-4	1,1-Dichloroethene		U	200.0
156-59-2	cis-1,2-Dichloroethene		U	200.0
156-60-5	trans-1,2-Dichloroethene		U	200.0
78-87-5	1,2-Dichloropropane		U	200.0
142-28-9	1,3-Dichloropropane		U	200.0
590-20-7	2,2-Dichloropropane		U	200.0
563-58-6	1,1-Dichloropropene		U	200.0
1006-01-5	cis-1,3-Dichloropropene		U	200.0

JUL 1996 RECEIVED

OGC-001991

1006-02-6	trans-1,3-Dichloropropene		U	200.0
100-41-4	Ethylbenzene		U	200.0
87-68-3	Hexachlorobutadiene		U	200.0
98-82-8	Isopropylbenzene		U	200.0
99-87-6	4-Isopropyltoluene		U	200.0
75-09-2	Methylene chloride (Dichloromethane)		U	200.0
91-20-3	Naphthalene		U	200.0
103-65-1	Propylbenzene		U	200.0
100-42-5	Styrene		U	200.0
630-20-6	1,1,1,2-Tetrachloroethane		U	200.0
79-34-5	1,1,2,2-Tetrachloroethane		U	200.0
127-18-4	Tetrachloroethene		U	200.0
109-99-9	Tetrahydrofuran (THF)		U	800.0
108-88-3	Toluene		U	200.0
87-61-5	1,2,3-Trichlorobenzene		U	200.0
120-82-1	1,2,4-Trichlorobenzene		U	200.0
71-55-6	1,1,1-Trichloroethane		U	200.0
79-00-5	1,1,2-Trichloroethane		U	200.0
79-01-6	Trichloroethene	260.0		200.0
75-69-4	Trichlorofluoromethane		U	200.0
96-18-4	1,2,3-Trichloropropane		U	200.0
95-63-6	1,2,4-Trimethylbenzene		U	200.0
108-67-8	1,3,5-Trimethylbenzene		U	200.0
75-01-4	Vinyl chloride		U	400.0
95-47-6	o-Xylene#		U	200.0
N/A	p- & m-Xylene#		U	200.0
N/A	#Total Xylenes#		U	200.0
N/A	*Total Trihalomethanes*	0.0	U	200.0

Laboratory Remarks: This sample was analyzed by diluting a methanol extract with laboratory reagent water and running by purge and trap analysis.
% Moisture of sample: 3.8%

LABORATORY BATCH QUALITY CONTROL SUMMARY

SURROGATE RECOVERIES:	SURROGATE COMPOUNDS	CONCENTRATION	% RECOVERY
	2-Bromochlorobenzene (Photoionization Detector Surrogate)	24.6	98.4%
	2-Bromochlorobenzene(Electrolytic Conductivity Detector Surrogate)	26.31	105.2%

LABORATORY FORTIFIED BLANK RECOVERIES

The % recoveries for compounds in the batch spike were from 80% to 120% with the exception of the compounds listed below:

COMPOUND	CONCENTRATION (mg/L)	% RECOVERY
Vinylchloride	20	50
Chloroethane	20	68

LABORATORY BLANKS

No target compounds were detected above the sample detection limit in laboratory blank with the ecxeption of the compound(s) listed below:

COMPOUND	CONCENTRATION (ug/L)
Acetone	8

ANALYST: S. A. Mustafa QC APPROVED BY: K. Sherrell

DEFINITIONS

- ** Concentration Exceeds EPA's allowable Maximum Contamination Level
- CAS# Chemical Abstract Services Number - Unique number to help identify analytes listed by different names
- CONC. Concentration (ug/L) of analyte actually detected in the sample
- QUAL Qualifier of analytical results as follows:
  - B Analyte was detected in laboratory blank
  - J Analyte was detected at a level below which an accurate quanitation can be given (~5 * SDL)
  - U No analyte was detected above the Sample Detection Limit.
- MCL Maximum Contamination Level Allowed by EPA for SDWA regulated analytes
- SDL Sample Detection Limit - The lowest concentration which can be differentiated from Zero with 99% confidence taking sample size (compositing) into account.
- ug/L Concentration Units - micrograms per liter which is approximately equivalent to Parts Per Billion (ppb)

ORGANIC CHEMISTRY ANALYTICAL REQUEST FORM

SCIENTIFIC LABORATORY DIVISION
700 CAMINO DE SALUD N.E., ALBUQUERQUE, NM 87106
Organic Chemistry Section - Telephone: (505) 841-2570

SLD No. 1 OR96- 1985-C

Date Received:

Request ID No. 149679-D

2 User Code #: 5,5,3,2,1

3 Request ID No.:

4 Priority Code #: 3 [If "1" or "2", call ED-SLD Coordinator]

5 Facility Name: Sparton

6 County: Bernalillo

7 City: Albuquerque

8 State: NM

9 Sample Location: Sparton VP-1 57 feet

10 Collected By: Rob Pine (First / Last) On: 96/06/12 (Date: YY/MM/DD) At: ___ hrs. (Time: 24 hr. clock 3:00 pm = 1500 hrs.)

11 Codes: 4 1 8 (Submitter) - (WSS #) (Organization)

12 Latitude (DDMMSS) ° ' "
Longitude (DDDMMSS) ° ' "
2 Digit ID (If needed)

13 Report To: Name Rob Pine

14 Phone #: 827-0178

Address: NMED / Assessment & Abatement Section
P.O. Box 26110
City, State Zip: Santa Fe, NM 87502

15 Sample Purpose:
- ☐ Compliance
- ☐ NMED Monitoring
- ☐ Confirmation
- ☐ Special

Sampling Information:
- ☐ Grab
- ☐ Composite ___ (Composite Time Period)
- ☐ Flow Proportioned
- ☐ Equal Aliquot
- ☐ Sample Split w/Permittee
- ☐ Chain of Custody

16 Field Data: pH: ___, Conductivity: ___ umhos/cm @ Temperature: ___ °C, Chlorine Residual: ___ mg/l, Flow: ___

17 Sample Source:
- ☐ Stream
- ☐ Lake
- ☐ Drain
- ☐ Pool
- ☐ WWTP
- ☐ Entry Point to Distribution
- ☐ Well; Depth: ___
- ☐ Spring
- ☐ Distribution
- ☐ Other: ___

18 Field Remarks:
Project Code: 515

19 Sample Type:
- ☐ Water
- ☐ Wastewater
- ☐ Unchlorinated
- ☐ Chlorinated
- ■ Soil, ☐ Food, ☐ Other ___

This form accompanies a single sample consisting of:
3 - septum vial(s) (volume = 40 ml ea.)
___ - glass jug(s) (volume = ___ ml ea.)
___ - ___ (volume = ___)

20 Preservation:
- ☐ NP — No Preservation; Sample stored at room temperature
- ☐ P-Ice — Sample stored in an ice bath (Not Frozen)
- ☐ P-TS — Sample Preserved with Sodium Thiosulfate to remove chlorine residual
- ☐ P-HCl — Sample Preserved with Hydrochloric Acid (2 drops/40 ml)
- ☐ P-$HgCl_2$ — Sample Preserved with 20 mg/l Mercuric Chloride
- ☐ Other ___

21 Analyses Requested: Please check the appropriate box(es) below to indicate the type of analytical screen(s) required. Whenever possible, list specific compounds suspected or required, and note below whenever highly contaminated samples are suspected.

Volatile Screens:
- ☐ - (753) Aliphatic Headspace (Qualitative Screen)
- ■ - (754) Aromatic & Halogenated Purgeables (EPA 601/2)
- ☐ - (765) Mass Spectrometer Purgeables (EPA 624)
- ☐ - (766) SDWA Total Trihalomethanes (EPA 501.1)
- ☐ - (774) SDWA VOC's I [21 REGULATED +] (EPA 502.2)
- ☐ - (775) SDWA VOC's II [EDB & DBCP] (EPA 504)
- ☐ - (790) Composite Sample for Analysis No. ___

Semivolatile Screens:
- ☐ - (755) Base/Neutral Extractables (EPA 625)
- ☐ - (756) Base/Neutral/Acid Extractables (EPA 8270)
- ☐ - (772) Carbamate Pesticides (EPA 531.1)
- ☐ - (758) Herbicides, Chlorophenoxy Acid (EPA 515.1)
- ☐ - (759) Herbicides, Triazine (EPA 507)
- ☐ - (751) Hydrocarbon Fuel Screen (EPA M-8015)
- ☐ - (760) Organochlorine Pesticides (EPA 505)
- ☐ - (761) Organophosphate Pesticides (EPA 507)
- ☐ - (767) Polychlorinated Biphenyls (PCB's) in Oil
- ☐ - (762) SDWA Synthetic Org. Cmpds. (SLD 758/760)
- ☐ - (782) Total Petroleum Hydrocarbons (EPA 418.1)

Other Specific Compounds or Classes:
- ☐ - ( ) ___
- ☐ - ( ) ___

Remarks:

09:5 PM 01 MAR 96

Please RETAIN A COPY of your completed form

E OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
AIR & HEAVY METALS SECTION [505]-841-2553

August 12, 1996

Request ID No. 149668

ANALYTICAL REPORT
SLD Accession No. HM-96-1334

Distribution
( ) User 55321
(X) Submitter 418
(x) SLD Files

To: Rob Pine
ED Ground Water Quality Bureau
P.O. Box 26110
Santa Fe, NM 87502

From: Air & Heavy Metals Section
Scientific Laboratory Div.
700 Camino de Salud, N.E.
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A soil sample submitted to this laboratory on June 13, 1996**

DEMOGRAPHIC DATA

COLLECTION		*LOCATION*
On: 12-Jun-96	*By:* Pin . . .	Sparton VP-1 8 Feet 6 Inches
At: 0:00 hrs.	*In/Near:* Albuquerque	

ANALYTICAL RESULTS

Analysis	Value	Units	Analyst
Chromium	4080.0000	uG/Gram	

Laboratory Remarks:

% solids = 91.1%.
Chromium by method 218.1 on 8/5/96 by RS.
Sparton.

Reviewed By: _____
Ron Amato 08/12/96
Supervisor, Air & Heavy Metals Section

AUG 1996
RECEIVED

'E OF NEW MEXICO DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700 **700 Camino de Salud, NE**
Albuquerque, NM 87196-4700 **[505]-841-2500**
AIR & HEAVY METALS SECTION [505]-841-2553

August 12, 1996

Request ID No. 149669

ANALYTICAL REPORT
SLD Accession No. HM-96-1335

Distribution
( ) User 55321
(X) Submitter 418
(x) SLD Files

To: Rob Pine
ED Ground Water Quality Bureau
P.O. Box 26110
Santa Fe, NM 87502

From: Air & Heavy Metals Section
Scientific Laboratory Div.
700 Camino de Salud, N.E.
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A soil sample submitted to this laboratory on June 13, 1996**

DEMOGRAPHIC DATA

COLLECTION		*LOCATION*
On: 12-Jun-96	*By:* Pin . . .	Sparton VP-1 18.4 Feet
At: 0:00 hrs.	*In/Near:* Albuquerque	

ANALYTICAL RESULTS

Analysis	Value	Units	Analyst
Chromium	3180.0000	uG/Gram	

Laboratory Remarks:

% solids = 95.5%.
Chromium by method 218.1 on 8/5/95 by RS.
Sparton.

Reviewed By: _____
Ron Amato 08/12/96
Supervisor, Air & Heavy Metals Section