

# American Environmental Network

(formerly Analytical Technologies Inc.)

## FAX TRANSMITTAL SHEET

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FROM:

DATE: 4/23

H. Mitchell Rubenstein, Ph.D., Lab Manager  
 Kimberly D. McNeill, Project Manager  
 Andrew Parker  
 Ellen Dolock

TIME: 8<sup>00</sup>A

FAX NUMBER: (505) 344-4413

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COMMENTS:

John Wakefield of Sparton Tech requested that I fax a copy of these gas vapor reports to you.

If you did not receive all pages of this transmission or if you experience Fax Transmission problems, Please call (505) 344-3777, as soon as possible after receipt.

AEN I.D. 604338

April 15, 1996

Sparton Technology Inc.  
4901 Rockaway Blvd SE  
Rio Rancho, NM 87124-4469

Project Name/Number: SVS-2Q96 41096-AIR

Attention: John Wakefield

On 04/10/96, American Environmental Network (NM), Inc., (ADHS License No. AZ0015) (formerly ATI-NM), 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.  
Laboratory Manager

MR:jt

Enclosure

OGC-002016

GWB-00571-SPARTO

CLIENT : SPARTON TECHNOLOGY INC. DATE RECEIVED : 04/10/96  
 PROJECT # : 41096-AIR  
 PROJECT NAME : SVS-2Q96 REPORT DATE : 04/15/96

AEN ID: 604338

AEN #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	MW-7 2.2PPM	AIR	04/10/96
02	MW-13 2.3PPM	AIR	04/10/96
03	MW-17 96.5PPM	AIR	04/10/96
04	MW-18 39.3PPM	AIR	04/10/96

---TOTALS---

<u>MATRIX</u>	<u>#SAMPLES</u>
AIR	4

AEN STANDARD DISPOSAL PRACTICE

GWB-00570-SPARTC

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

TEST : PURGEABLE HALOCARBONS/AROMATICS (EPA 8010/8020)  
 CLIENT : SPARTON TECHNOLOGY INC. AEN I.D.: 604338  
 PROJECT # : 41096-AIR  
 PROJECT NAME : SVS-2Q96

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	MW-7 2.2PPM	AIR	04/10/96	NA	04/11/96	1
02	MW-13 2.3PPM	AIR	04/10/96	NA	04/11/96	1
03	MW-17 96.5PPM	AIR	04/10/96	NA	04/10/96	100

PARAMETER	UNITS	01	02	03
BENZENE	MG/M <sup>3</sup>	<0.05	<0.05	<5.0
BROMODICHLOROMETHANE	MG/M <sup>3</sup>	<0.02	<0.02	<2.0
BROMOFORM	MG/M <sup>3</sup>	<0.05	<0.05	<5.0
BROMOMETHANE	MG/M <sup>3</sup>	<0.10	<0.10	<10
CARBON TETRACHLORIDE	MG/M <sup>3</sup>	<0.02	<0.02	<2.0
CHLOROBENZENE	MG/M <sup>3</sup>	<0.05	<0.05	<5.0
CHLOROETHANE	MG/M <sup>3</sup>	<0.05	<0.05	<5.0
CHLOROFORM	MG/M <sup>3</sup>	<0.05	<0.05	<5.0
CHLOROMETHANE	MG/M <sup>3</sup>	<0.10	<0.10	<10
DIBROMOCHLOROMETHANE	MG/M <sup>3</sup>	<0.02	<0.02	<2.0
1,2-DIBROMOETHANE (EDB)	MG/M <sup>3</sup>	<0.02	<0.02	<2.0
1,2-DICHLOROBENZENE	MG/M <sup>3</sup>	<0.05	<0.05	<5.0
1,3-DICHLOROBENZENE	MG/M <sup>3</sup>	<0.05	<0.05	<5.0
1,4-DICHLOROBENZENE	MG/M <sup>3</sup>	<0.05	<0.05	<5.0
1,1-DICHLOROETHANE	MG/M <sup>3</sup>	<0.03	<0.03	<3.0
1,2-DICHLOROETHANE (EDC)	MG/M <sup>3</sup>	<0.05	<0.05	<5.0
<b>1,1-DICHLOROETHENE</b>	<b>MG/M<sup>3</sup></b>	<b>0.03</b>	<b>1.9 D(10)</b>	<b>100</b>
CIS-1,2-DICHLOROETHENE	MG/M <sup>3</sup>	<0.02	<0.02	<2.0
TRANS-1,2-DICHLOROETHENE	MG/M <sup>3</sup>	<0.10	<0.10	<10
1,2-DICHLOROPROPANE	MG/M <sup>3</sup>	<0.02	<0.02	<2.0
CIS-1,3-DICHLOROPROPENE	MG/M <sup>3</sup>	<0.02	<0.02	<2.0
TRANS-1,3-DICHLOROPROPENE	MG/M <sup>3</sup>	<0.02	<0.02	<2.0
ETHYLBENZENE	MG/M <sup>3</sup>	<0.05	<0.05	<5.0
METHYL-t-BUTYL ETHER	MG/M <sup>3</sup>	<0.25	<0.25	<25
METHYLENE CHLORIDE	MG/M <sup>3</sup>	<0.20	<0.20	<20
<b>1,1,2,2-TETRACHLOROETHANE</b>	<b>MG/M<sup>3</sup></b>	<b>&lt;0.02</b>	<b>&lt;0.02</b>	<b>5.3</b>
<b>TETRACHLOROETHENE</b>	<b>MG/M<sup>3</sup></b>	<b>&lt;0.05</b>	<b>0.05</b>	<b>25</b>
TOLUENE	MG/M <sup>3</sup>	<0.05	<0.05	<5.0
<b>1,1,1-TRICHLOROETHANE</b>	<b>MG/M<sup>3</sup></b>	<b>&lt;0.10</b>	<b>5.9 D(10)</b>	<b>550 D(500)</b>
1,1,2-TRICHLOROETHANE	MG/M <sup>3</sup>	<0.02	<0.02	<2.0
<b>TRICHLOROETHENE</b>	<b>MG/M<sup>3</sup></b>	<b>0.25</b>	<b>14 D(10)</b>	<b>820 D(500)</b>
TRICHLOROFLUOROMETHANE	MG/M <sup>3</sup>	<0.02	<0.02	<2.0
VINYL CHLORIDE	MG/M <sup>3</sup>	<0.05	<0.05	<5.0
TOTAL XYLENES	MG/M <sup>3</sup>	<0.05	<0.05	<5.0

SURROGATES:

BROMOCHLOROMETHANE (%)	96	87	87
TRIFLUOROTOLUENE (%)	97	85	93

D(10)=DILUTED 10X, ANALYZED 04/10/96  
 D(500)=DILUTED 500X, ANALYZED 04/12/96

-OGC-002018

GWB-00569-SPARTON

**GAS CHROMATOGRAPHY RESULTS**

TEST : PURGEABLE HALOCARBONS/AROMATICS (EPA 8010/8020)  
 CLIENT : SPARTON TECHNOLOGY INC. AEN I.D.: 604338  
 PROJECT # : 41096-AIR  
 PROJECT NAME : SVS-2Q96

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	MW-18 39.3PPM	AIR	04/10/96	NA	04/11/96	100
PARAMETER			UNITS	04		
BENZENE			MG/M <sup>3</sup>	<5.0		
BROMODICHLOROMETHANE			MG/M <sup>3</sup>	<2.0		
BROMOFORM			MG/M <sup>3</sup>	<5.0		
BROMOMETHANE			MG/M <sup>3</sup>	<10		
CARBON TETRACHLORIDE			MG/M <sup>3</sup>	<2.0		
CHLOROBENZENE			MG/M <sup>3</sup>	<5.0		
CHLOROETHANE			MG/M <sup>3</sup>	<5.0		
CHLOROFORM			MG/M <sup>3</sup>	<5.0		
CHLOROMETHANE			MG/M <sup>3</sup>	<10		
DIBROMOCHLOROMETHANE			MG/M <sup>3</sup>	<2.0		
1,2-DIBROMOETHANE (EDB)			MG/M <sup>3</sup>	<2.0		
1,2-DICHLOROBENZENE			MG/M <sup>3</sup>	<5.0		
1,3-DICHLOROBENZENE			MG/M <sup>3</sup>	<5.0		
1,4-DICHLOROBENZENE			MG/M <sup>3</sup>	<5.0		
1,1-DICHLOROETHANE			MG/M <sup>3</sup>	<3.0		
1,2-DICHLOROETHANE (EDC)			MG/M <sup>3</sup>	<5.0		
1,1-DICHLOROETHENE			MG/M <sup>3</sup>	33		
CIS-1,2-DICHLOROETHENE			MG/M <sup>3</sup>	<2.0		
TRANS-1,2-DICHLOROETHENE			MG/M <sup>3</sup>	<10		
1,2-DICHLOROPROPANE			MG/M <sup>3</sup>	<2.0		
CIS-1,3-DICHLOROPROPENE			MG/M <sup>3</sup>	<2.0		
TRANS-1,3-DICHLOROPROPENE			MG/M <sup>3</sup>	<2.0		
ETHYLBENZENE			MG/M <sup>3</sup>	<5.0		
METHYL-t-BUTYL ETHER			MG/M <sup>3</sup>	<25		
METHYLENE CHLORIDE			MG/M <sup>3</sup>	<20		
1,1,2,2-TETRACHLOROETHANE			MG/M <sup>3</sup>	<2.0		
TETRACHLOROETHENE			MG/M <sup>3</sup>	<5.0		
TOLUENE			MG/M <sup>3</sup>	<5.0		
1,1,1-TRICHLOROETHANE			MG/M <sup>3</sup>	33		
1,1,2-TRICHLOROETHANE			MG/M <sup>3</sup>	<2.0		
TRICHLOROETHENE			MG/M <sup>3</sup>	170		
TRICHLOROFLUOROMETHANE			MG/M <sup>3</sup>	<2.0		
VINYL CHLORIDE			MG/M <sup>3</sup>	<5.0		
TOTAL XYLENES			MG/M <sup>3</sup>	<5.0		
<b>SURROGATES:</b>						
BROMOCHLOROMETHANE (%)				87		
TRIFLUOROTOLUENE (%)				98		

GAS CHROMATOGRAPHY RESULTS - QUALITY CONTROL

TEST	: EPA 8010/8020	AEN I.D.	: 604338
BLANK I.D.	: 041196	MATRIX	: AIR
CLIENT	: SPARTON TECHNOLOGY INC.	DATE EXTRACTED	: NA
PROJECT #	: 41096-AIR	DATE ANALYZED	: 04/11/96
PROJECT NAME	: SVS-2Q96	DIL. FACTOR	: 1

PARAMETER	UNITS	
BENZENE	MG/M <sup>3</sup>	<0.05
BROMODICHLOROMETHANE	MG/M <sup>3</sup>	<0.02
BROMOFORM	MG/M <sup>3</sup>	<0.05
BROMOMETHANE	MG/M <sup>3</sup>	<0.10
CARBON TETRACHLORIDE	MG/M <sup>3</sup>	<0.02
CHLOROBENZENE	MG/M <sup>3</sup>	<0.05
CHLOROETHANE	MG/M <sup>3</sup>	<0.05
CHLOROFORM	MG/M <sup>3</sup>	<0.05
CHLOROMETHANE	MG/M <sup>3</sup>	<0.10
DIBROMOCHLOROMETHANE	MG/M <sup>3</sup>	<0.02
1,2-DIBROMOETHANE (EDB)	MG/M <sup>3</sup>	<0.02
1,2-DICHLOROBENZENE	MG/M <sup>3</sup>	<0.05
1,3-DICHLOROBENZENE	MG/M <sup>3</sup>	<0.05
1,4-DICHLOROBENZENE	MG/M <sup>3</sup>	<0.05
1,1-DICHLOROETHANE	MG/M <sup>3</sup>	<0.03
1,2-DICHLOROETHANE (EDC)	MG/M <sup>3</sup>	<0.05
1,1-DICHLOROETHENE	MG/M <sup>3</sup>	<0.02
CIS-1,2-DICHLOROETHENE	MG/M <sup>3</sup>	<0.02
TRANS-1,2-DICHLOROETHENE	MG/M <sup>3</sup>	<0.10
1,2-DICHLOROPROPANE	MG/M <sup>3</sup>	<0.02
CIS-1,3-DICHLOROPROPENE	MG/M <sup>3</sup>	<0.02
TRANS-1,3-DICHLOROPROPENE	MG/M <sup>3</sup>	<0.02
ETHYLBENZENE	MG/M <sup>3</sup>	<0.05
METHYL-t-BUTYL ETHER	MG/M <sup>3</sup>	<0.25
METHYLENE CHLORIDE	MG/M <sup>3</sup>	<0.20
1,1,2,2-TETRACHLOROETHANE	MG/M <sup>3</sup>	<0.02
TETRACHLOROETHENE	MG/M <sup>3</sup>	<0.05
TOLUENE	MG/M <sup>3</sup>	<0.05
1,1,1-TRICHLOROETHANE	MG/M <sup>3</sup>	<0.10
1,1,2-TRICHLOROETHANE	MG/M <sup>3</sup>	<0.02
TRICHLOROETHENE	MG/M <sup>3</sup>	<0.03
TRICHLOROFLUOROMETHANE	MG/M <sup>3</sup>	<0.02
VINYL CHLORIDE	MG/M <sup>3</sup>	<0.05
TOTAL XYLENES	MG/M <sup>3</sup>	<0.05
SURROGATES:		
BROMOCHLOROMETHANE (%)		96
TRIFLUOROTOLUENE (%)		98

GAS CHROMATOGRAPHY RESULTS - QUALITY CONTROL

TEST	: EPA 8010/8020	AEN I.D.	: 604338
BLANK I.D.	: 041096	MATRIX	: AIR
CLIENT	: SPARTON TECHNOLOGY INC.	DATE EXTRACTED	: NA
PROJECT #	: 41096-AIR	DATE ANALYZED	: 04/10/96
PROJECT NAME	: SVS-2Q96	DIL. FACTOR	: 1

PARAMETER	UNITS	
BENZENE	MG/M <sup>3</sup>	<0.05
BROMODICHLOROMETHANE	MG/M <sup>3</sup>	<0.02
BROMOFORM	MG/M <sup>3</sup>	<0.05
BROMOMETHANE	MG/M <sup>3</sup>	<0.10
CARBON TETRACHLORIDE	MG/M <sup>3</sup>	<0.02
CHLOROBENZENE	MG/M <sup>3</sup>	<0.05
CHLOROETHANE	MG/M <sup>3</sup>	<0.05
CHLOROFORM	MG/M <sup>3</sup>	<0.05
CHLOROMETHANE	MG/M <sup>3</sup>	<0.10
DIBROMOCHLOROMETHANE	MG/M <sup>3</sup>	<0.02
1,2-DIBROMOETHANE (EDB)	MG/M <sup>3</sup>	<0.02
1,2-DICHLOROBENZENE	MG/M <sup>3</sup>	<0.05
1,3-DICHLOROBENZENE	MG/M <sup>3</sup>	<0.05
1,4-DICHLOROBENZENE	MG/M <sup>3</sup>	<0.05
1,1-DICHLOROETHANE	MG/M <sup>3</sup>	<0.03
1,2-DICHLOROETHANE (EDC)	MG/M <sup>3</sup>	<0.05
1,1-DICHLOROETHENE	MG/M <sup>3</sup>	<0.02
CIS-1,2-DICHLOROETHENE	MG/M <sup>3</sup>	<0.02
TRANS-1,2-DICHLOROETHENE	MG/M <sup>3</sup>	<0.10
1,2-DICHLOROPROPANE	MG/M <sup>3</sup>	<0.02
CIS-1,3-DICHLOROPROPENE	MG/M <sup>3</sup>	<0.02
TRANS-1,3-DICHLOROPROPENE	MG/M <sup>3</sup>	<0.02
ETHYLBENZENE	MG/M <sup>3</sup>	<0.05
METHYL-t-BUTYL ETHER	MG/M <sup>3</sup>	<0.25
METHYLENE CHLORIDE	MG/M <sup>3</sup>	<0.20
1,1,2,2-TETRACHLOROETHANE	MG/M <sup>3</sup>	<0.02
TETRACHLOROETHENE	MG/M <sup>3</sup>	<0.05
TOLUENE	MG/M <sup>3</sup>	<0.05
1,1,1-TRICHLOROETHANE	MG/M <sup>3</sup>	<0.10
1,1,2-TRICHLOROETHANE	MG/M <sup>3</sup>	<0.02
TRICHLOROETHENE	MG/M <sup>3</sup>	<0.03
TRICHLOROFLUOROMETHANE	MG/M <sup>3</sup>	<0.02
VINYL CHLORIDE	MG/M <sup>3</sup>	<0.05
TOTAL XYLENES	MG/M <sup>3</sup>	<0.05
 SURROGATES:		
BROMOCHLOROMETHANE (%)		85
TRIFLUOROTOLUENE (%)		96

GAS CHROMATOGRAPHY RESULTS - QUALITY CONTROL

TEST	: EPA 8010/8020	AEN I.D.	: 604338
BLANK I.D.	: 041296	MATRIX	: AIR
CLIENT	: SPARTON TECHNOLOGY INC.	DATE EXTRACTED	: NA
PROJECT #	: 41096-AIR	DATE ANALYZED	: 04/12/96
PROJECT NAME	: SVS-2Q96	DIL. FACTOR	: 1

PARAMETER	UNITS	
BENZENE	MG/M <sup>3</sup>	<0.05
BROMODICHLOROMETHANE	MG/M <sup>3</sup>	<0.02
BROMOFORM	MG/M <sup>3</sup>	<0.05
BROMOMETHANE	MG/M <sup>3</sup>	<0.10
CARBON TETRACHLORIDE	MG/M <sup>3</sup>	<0.02
CHLOROBENZENE	MG/M <sup>3</sup>	<0.05
CHLOROETHANE	MG/M <sup>3</sup>	<0.05
CHLOROFORM	MG/M <sup>3</sup>	<0.05
CHLOROMETHANE	MG/M <sup>3</sup>	<0.10
DIBROMOCHLOROMETHANE	MG/M <sup>3</sup>	<0.02
1,2-DIBROMOETHANE (EDB)	MG/M <sup>3</sup>	<0.02
1,2-DICHLOROBENZENE	MG/M <sup>3</sup>	<0.05
1,3-DICHLOROBENZENE	MG/M <sup>3</sup>	<0.05
1,4-DICHLOROBENZENE	MG/M <sup>3</sup>	<0.05
1,1-DICHLOROETHANE	MG/M <sup>3</sup>	<0.03
1,2-DICHLOROETHANE (EDC)	MG/M <sup>3</sup>	<0.05
1,1-DICHLOROETHENE	MG/M <sup>3</sup>	<0.02
CIS-1,2-DICHLOROETHENE	MG/M <sup>3</sup>	<0.02
TRANS-1,2-DICHLOROETHENE	MG/M <sup>3</sup>	<0.10
1,2-DICHLOROPROPANE	MG/M <sup>3</sup>	<0.02
CIS-1,3-DICHLOROPROPENE	MG/M <sup>3</sup>	<0.02
TRANS-1,3-DICHLOROPROPENE	MG/M <sup>3</sup>	<0.02
ETHYLBENZENE	MG/M <sup>3</sup>	<0.05
METHYL-t-BUTYL ETHER	MG/M <sup>3</sup>	<0.25
METHYLENE CHLORIDE	MG/M <sup>3</sup>	<0.20
1,1,2,2-TETRACHLOROETHANE	MG/M <sup>3</sup>	<0.02
TETRACHLOROETHENE	MG/M <sup>3</sup>	<0.05
TOLUENE	MG/M <sup>3</sup>	<0.05
1,1,1-TRICHLOROETHANE	MG/M <sup>3</sup>	<0.10
1,1,2-TRICHLOROETHANE	MG/M <sup>3</sup>	<0.02
TRICHLOROETHENE	MG/M <sup>3</sup>	<0.03
TRICHLOROFLUOROMETHANE	MG/M <sup>3</sup>	<0.02
VINYL CHLORIDE	MG/M <sup>3</sup>	<0.05
TOTAL XYLENES	MG/M <sup>3</sup>	<0.05
 SURROGATES:		
BROMOCHLOROMETHANE (%)		89
TRIFLUOROTOLUENE (%)		94



GAS CHROMATOGRAPHY RESULTS - QUALITY CONTROL

TEST	: EPA 8010/8020	AEN I.D.	: 604338
BLANK I.D.	: 040996	MATRIX	: AIR
CLIENT	: SPARTON TECHNOLOGY INC.	DATE EXTRACTED	: NA
PROJECT #	: 41096-AIR	DATE ANALYZED	: 04/09/96
PROJECT NAME	: SVS-2Q96	DIL. FACTOR	: 1

PARAMETER	UNITS	
BENZENE	MG/M <sup>3</sup>	<0.05
BROMODICHLOROMETHANE	MG/M <sup>3</sup>	<0.02
BROMOFORM	MG/M <sup>3</sup>	<0.05
BROMOMETHANE	MG/M <sup>3</sup>	<0.10
CARBON TETRACHLORIDE	MG/M <sup>3</sup>	<0.02
CHLOROBENZENE	MG/M <sup>3</sup>	<0.05
CHLOROETHANE	MG/M <sup>3</sup>	<0.05
CHLOROFORM	MG/M <sup>3</sup>	<0.05
CHLOROMETHANE	MG/M <sup>3</sup>	<0.10
DIBROMOCHLOROMETHANE	MG/M <sup>3</sup>	<0.02
1,2-DIBROMOETHANE (EDB)	MG/M <sup>3</sup>	<0.02
1,2-DICHLOROBENZENE	MG/M <sup>3</sup>	<0.05
1,3-DICHLOROBENZENE	MG/M <sup>3</sup>	<0.05
1,4-DICHLOROBENZENE	MG/M <sup>3</sup>	<0.05
1,1-DICHLOROETHANE	MG/M <sup>3</sup>	<0.03
1,2-DICHLOROETHANE (EDC)	MG/M <sup>3</sup>	<0.05
1,1-DICHLOROETHENE	MG/M <sup>3</sup>	<0.02
CIS-1,2-DICHLOROETHENE	MG/M <sup>3</sup>	<0.02
TRANS-1,2-DICHLOROETHENE	MG/M <sup>3</sup>	<0.10
1,2-DICHLOROPROPANE	MG/M <sup>3</sup>	<0.02
CIS-1,3-DICHLOROPROPENE	MG/M <sup>3</sup>	<0.02
TRANS-1,3-DICHLOROPROPENE	MG/M <sup>3</sup>	<0.02
ETHYLBENZENE	MG/M <sup>3</sup>	<0.05
METHYL-t-BUTYL ETHER	MG/M <sup>3</sup>	<0.25
METHYLENE CHLORIDE	MG/M <sup>3</sup>	<0.20
1,1,2,2-TETRACHLOROETHANE	MG/M <sup>3</sup>	<0.02
TETRACHLOROETHENE	MG/M <sup>3</sup>	<0.05
TOLUENE	MG/M <sup>3</sup>	<0.05
1,1,1-TRICHLOROETHANE	MG/M <sup>3</sup>	<0.10
1,1,2-TRICHLOROETHANE	MG/M <sup>3</sup>	<0.02
TRICHLOROETHENE	MG/M <sup>3</sup>	<0.03
TRICHLOROFLUOROMETHANE	MG/M <sup>3</sup>	<0.02
VINYL CHLORIDE	MG/M <sup>3</sup>	<0.05
TOTAL XYLENES	MG/M <sup>3</sup>	<0.05
 SURROGATES:		
BROMOCHLOROMETHANE (%)		94
TRIFLUOROTOLUENE (%)		97

GAS CHROMATOGRAPHY - QUALITY CONTROL

MSMSD

TEST : PURGEABLE HALOCARBONS/AROMATICS (EPA 8010/8020)  
 MSMSD # : 040996 AEN I.D. : 604338  
 CLIENT : SPARTON TECHNOLOGY INC. DATE EXTRACTED : NA  
 PROJECT # : 41096-AIR DATE ANALYZED : 04/09/96  
 PROJECT NAME : SVS-2Q96 SAMPLE MATRIX : AIR  
 REF. I.D. : 040996 UNITS : MG/M<sup>3</sup>

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD
BENZENE	<0.05	1.00	1.05	105	0.94	94	11
CHLOROBENZENE	<0.05	1.00	1.04	104	1.05	105	1
1,1-DICHLOROETHENE	<0.02	1.00	0.75	75	0.77	77	3
TOLUENE	<0.05	1.00	1.04	104	0.96	96	8
TRICHLOROETHENE	<0.03	1.00	1.00	100	1.04	104	4

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

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



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

**CHAIN OF CUSTODY**  
 DATE: 4-16-96 PAGE 1 OF 1



PROJECT MANAGER: John M. Whitefield

ANALYSIS REQUEST

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

BILL TO: "  
 COMPANY: "  
 ADDRESS: 4001 Redwaxway Blvd SE  
 Rio Rancho NM 87124-4409  
 PID TCE ppm

SAMPLE ID	DATE	TIME	MATRIX	LAB ID
MW-7	4-10-96	0912	Air	
MW-13	4-10-96	1114	Air	
MW-17	4-10-96	1248	Air	
MW-18	4-10-96	1445	Air	

ANALYSIS REQUEST	RECEIVED BY	RELINQUISHED BY	RELINQUISHED BY
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)			

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

**PROJECT INFORMATION**

PROJ. NO.: SWW 41096-Air

PROJ. NAME: SVS-2096

P.O. NO.:

SHIPPED VIA: Delivered

**SAMPLE RECEIPT**

NO. CONTAINERS: 4

CUSTOMER'S SIGNATURE: [Signature]

DATE RECEIVED: 4-10-96

TIME RECEIVED: 1445

LAB ID: 01

**PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS**

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

Comments: Need preliminary data for SWW at 892-5300 Note PID Readings Also for Fluoride Samples 214-770-1549

**SAMPLED & RELINQUISHED BY**

Signature: [Signature] Date: 4-10-96

Printed Name: John M. Whitefield

Company: STI

Phone: 892-5300

**RECEIVED BY**

Signature: [Signature] Time: [Time]

Printed Name: [Name] Date: [Date]

Company: [Company]

**RELINQUISHED BY**

Signature: [Signature] Time: [Time]

Printed Name: [Name] Date: [Date]

Company: [Company]

**RECEIVED BY LAB**

Signature: [Signature] Time: [Time]

Printed Name: [Name] Date: [Date]

Company: [Company]

ATT Lab: San Diego (619) 456-9141 • Phoenix (602) 456-4400 • Seattle (206) 228-8355 • Pensacola (904) 474-1001 • Portland (503) 894-0447 • Albuquerque (505) 344-3777

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