SPARTON

SPARTON TECHNOLOGY

CERTIFIED MAIL REFURN RECEIPT REQUESTED

September 25, 1998

Michael A. Hebert Technical Section (6EN-HX) Hazardous Waste Enforcement Branch U.S. Environmental Protection Agency - Region 6 1445 Ross Avenue Dallas Texas, 75202-2733

Re: Ground Water Monitoring and SVE Lab Reports for the 3rd Quarter 1998.

Dear Mr. Hebert:

Enclosed are copies of Pinnacle Laboratories (aka American Environmental Network, Inc.) reports, 807386, 807397, 807381,807398 and 808005 with SGMP and AGMP results for Sparton's 3rd Quarter 1998 sampling event. These samples were collected by Sparton and Metric Corp. personnel on July 31-Aug.6, 1998.

Also enclosed are copies of Pinnacle Laboratories report 808011, with analytical results for the SVE latest analysis.

If you have any questions please contact me at (505) 892-5300.

Sincerely,

SPARTON TECHNOLOGY, INC.

a N Mis

Richard D. Mico

Vice President and General Manager

cc: Dennis McQuillan: NMED-GWQB

(wo. lab reports)

Jan Appel

Pierce Chandler

John Rose

Enclosure not Found



PL I.D. 808011

August 17, 1998

Sparton Technology Inc. 4901 Rockaway Blvd. NE Rio Rancho, NM 87124

Project Name/Number: SVE-80598 80598

Attention: John Rose

On 08/05/98, Pinnacle Laboratories, Inc., formerly AEN (NM), Inc. 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.

All analyses were performed by Del Mar Analytical Laboratories, Phoenix, AZ.

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.

Phone: 505-344-3777, Fax: 505-344-4413

General Manager

MR:jt

Enclosure

								f)			
				S	VE Monito	ing Results		OFB	1003		
To: Mr. Saji Mat	hew							951	1FD		
Mr. Michael	Hebert	Re:STI re	sults for SVE sam	pling.				F			
Mr. Dennis l	McQuillan	Sampled:						9 9 100 co	11.8 A 22.0		
Mr. Baird Sv	vanson	Lab: AEN	4/15/1998, 4/20/9	8 , 5 /6/9 8 , 6/10/9	8,8/05/98						
		File: VPSVE.XL	S								
Date: 9-23-98		From: J. Rose									
Sample ID		Ex	haust Post-Catalyt	ic			S	SVE Influent Gas	i		Avg. Influent
Date Sampled	4/15/98	4/20/98	5/6/98	6/10/98	8/5/98	4/15/98	4/20/98	5/6/98	6/10/98	8/5/98	prior to SVE
Method			8260					8260		,	2/97-3/97
Analyte concent		mg/m3						mg/m3			various
Trichloroethene	86	48	41	44	13	1700	1400	440	160	130	mg/m3
1,1,1-Trichloroe	0.29	<1.0	<1.0	1.4	<5.0	200	210	100	34	24	17700
1,1-Dichloroethe	17	8.5	6.1	5.4	<5.0	<50	<50	20	7.6	<5.0	3014
Tetrachloroether	3.4	1.8	1.6	1.3	<5.0	<50	<50	10	<5.0	<5.0	297
Toluene	0.25	<1.0	<1.0	<0.5	<5.0	24 0	150	17	<5.0	<5.0	
m&p-Xylene	0.16	<1.0	<1.0	<0.5	<5.0	130	110	21	23	<5.0	4142
o-Xylene	0.12	<1.0	<1.0	<0.5	<5.0	65	59	11	<5.0	<5.0	
Ethylbenzene	<0.10	0 <1.0	<1.0	<0.5	<5.0	51	<50	7.4	<5.0	<5.0	
Chloromethane	19	12	9.9	<0.5	<5.0	<50	<50	<5.0	<5.0	<5.0	
Benzene	1.3	1.0	<1.0	<0.5	<5.0	<50	<50	<5.0	<5.0	<5.0	
Chlorobenzene	0.52	<1.0	<1.0	<0.5	<5.0	<50	<50	<5.0	<5.0	<5.0	
Vinyl Chloride	6.4	7.2	2.8	<0.5	<5.0	<50	<50	<5.0	<5.0	<5.0	
1,1,2-Trichloroe	0.11	<1.0	<1.0	<0.5	<5.0	<50	<50	<5.0	<5.0	<5.0	
Chloroethane	0.20	<1.0	<1.0	<0.5	<5.0	<50	<50	<5.0	<5.0	<5.0	
Methylene Chlo	0.43	<1.0	<1.0	<0.5	<5.0	<50	<50	<5.0	<5.0	<5.0	
Carbon Disulfic	2.6	2.1	2.5	2.7	<5.0	<50	<50	<5.0	<5.0	<5.0	
Chloroform	0.26	<1.0	<1.0	<0.5	<5.0	<50	<50	<5.0	<5.0	<5.0	
cis-1,2-Dichlor	0.33	<1.0	0.1>	<0.5	<5.0	<50	<50	<5.0	<5.0	<5.0	
Acetone	<1	.0 <10	<10	13	<5.0	<500	<500	<50	<50	30	



CLIENT

: SPARTON TECHNOLOGY INC.

DATE RECEIVED

:08/05/98

PROJECT#

:80598

PROJECT NAME

:SVE-80598

REPORT DATE

:08/17/98

PL ID: 808011

	PINNACLE ID#	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	808011-01	SVE EX POST CAT	AIR	08/05/98
02	808011-02	SVE INFLUENT	AIR	08/05/98

---TOTALS---

MATRIX AIR #SAMPLES

Phone: 505-344-3777, Fax: 505-344-4413

PINNACLE 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.

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-122F 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046 16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 2465 W. 12th St., Suite 1, Tempe, AZ 85281

(818) 779-1844 FAX (818) 779-1840 (619) 505-9596 FAX (619) 505-9685 (602) 968-8272 FAX (602) 968-1338

Client Project ID: Sparton Technology / 808011 Sampled: AEN, New Mexico Aug 5, 1998 2709-D Pan American Freeway NE Received: Aug 6, 1998 Albuquerque, NM 87107 Extracted: Aug 6, 1998 Report Number: PHH00245 Analyzed: Attention: Kimberly McNeill Aug 6, 1998 Reported: Aug 7, 1998

CASE NARRATIVE

LABORATORY NUMBER	SAMPLE DESCRIPTION	SAMPLE MATRIX	EPA ANALYSES
PHH00245	808011-01	Air	8260B
PHH00246	808011-02	Air	8260B

SAMPLE RECEIPT: Samples were received intact and with chain of custody documentation.

HOLDING TIMES: Holding times were met.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

No problems were encountered during sample analysis. PROBLEMS ENCOUNTERED:

QA/QC CRITERIA: All QA/QC met acceptance criteria.

OBSERVATIONS: No significant observations were made.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

DEL MAR ANALYTICAL, PHOENIX (AZ0426)

Ken Baker Project Manager

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-12 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-10 16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-18 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (619) 505-9596 FAX (619) 505-96 2465 W. 12th St., Suite 1, Tempe, AZ 85281 (602) 968-8272 FAX (602) 968-13

AEN, New Mexico	Client Project ID	: Sparton Technology / 808011	Sampled:	Aug 5, 1998
2709-D Pan American Freeway	NE		Received:	Aug 6, 1998
Albuquerque, NM 87107	Sample Descript	: Air Sample in Tedlar Bag, 808011-01	Extracted:	Aug 6, 1998
Attention: Kimberly McNeill	Lab Number:	PHH00245	Analyzed:	Aug 6, 1998
			Reported:	Aug 7, 1998

VOLATILE ORGANICS by GC/MS (EPA 8260B)

Analyte	Reporting Limi mg/m3	t Sample Res mg/m3	sult Re	eporting Li ppm/vol	imit	Sample Result ppm/vol
Acetone	. 5.0	N.D.		2.1		N.D.
Benzene	. 5.0	N.D.		1.6		N.D.
Bromobenzene	. 5.0	N.D.		0.78		N.D.
Bromochloromethane	. 5.0	N.D.		0.94		N.D.
Bromodichloromethane	. 5.0	N.D.		0.75		N.D.
Bromoform	. 5.0	N.D.		0.5		N.D.
Bromomethane	. 5.0	N.D.		1.3		N.D.
2-Butanone	. 5.0	N.D.		1.7		N.D.
n-Butylbenzene	. 5.0	N.D.		0.9		N.D.
sec-Butylbenzene	. 5.0	N.D.		0.9		N.D.
tert-Butylbenzene	. 5.0	N.D.		0.9		N.D.
Carbon Disulfide		N.D.		1.6		N.D.
Carbon tetrachloride	. 5.0	N.D.		0.79		N.D.
Chlorobenzene	. 5.0	N.D.		1.2		N.D.
Chloroethane	. 5.0	N.D.		1.9		N.D.
Chloroform	. 5.0	N.D.		1.0		N.D.
Chloromethane		N.D.		2.4		N.D.
2-Chlorotoluene		N.D.		1.0		N.D.
4-Chlorotoluene		N.D.		1.0		N.D.
Dibromochloromethane		N.D.		0.6		N.D.
1,2-Dibromo-3-chloropropane		N.D.		0.5		N.D.
1,2-Dibromoethane		N.D.		0.7		N.D.
Dibromomethane	. 5.0	N.D.		0.7		N.D.
1,2-Dichlorobenzene		N.D.		0.8		N.D.
1,3-Dichlorobenzene		N.D.		0.8		N.D.
1,4-Dichlorobenzene		N.D.		8.0		N.D.
Dichlorodifluoromethane		N.D.		1.0		N.D.
1,1-Dichloroethane		N.D.		1.2		N.D.
1,2-Dichloroethane		N.D.		1.2		N.D.
1,1-Dichloroethene		N.D.		1.3		N.D.
cis-1,2-Dichloroethene		N.D.		1.3		N.D.
trans-1,2-Dichloroethene		N.D.		1.3		N.D.
1,2-Dichloropropane	. 5.0	N.D.		1.1		N.D.
1,3-Dichloropropane		N.D.		1.1		N.D.
2,2-Dichloropropane	. 5.0	N.D.		1.1		N.D.



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(949) 261-1022 FAX (949) 261-122 (818) 779-1844 FAX (818) 779-184 (619) 505-9596 FAX (619) 505-968 (602) 968-8272 FAX (602) 968-1333

Client Project ID: Sparton Technology / 808011 AEN, New Mexico Sampled: Aug 5, 1998 2709-D Pan American Freeway NE Received: Aug 6, 1998 Albuquerque, NM 87107 Sample Descript: Air Sample in Tedlar Bag, 808011-01 Extracted: Aug 6, 1998 Attention: Kimberly McNeill Lab Number: PHH00245 Analyzed: Aug 6, 1998 Reported: Aug 7, 1998

VOLATILE ORGANICS by GC/MS (EPA 8260B)

Analyte	Reporting Limit mg/m3	t Sample Res mg/m3	ult R	leporting L ppm/vol	imit	Sample Result ppm/vol
1,1-Dichloropropane	. 5.0	N.D.		1.1		N.D.
cis-1,3-Dichloropropene		N.D.		1.1		N.D.
trans-1,3-Dichloropropene		N.D.		1.1		N.D.
Ethylbenzene		N.D.		1.2		N.D.
Hexachlorobutadiene		N.D.		0.5		N.D.
2-Hexanone	. 5.0	N.D.		1.2		N.D.
Isopropylbenzene	. 5.0	N.D.		1.0		N.D.
p-Isopropyltoluene		N.D.		0.9		N.D.
Methylene chloride		N.D.		1.4		N.D.
4-Methyl-2-pentanone	. 5.0	N.D.		1.2		N.D.
Naphthalene	. 5.0	N.D.		1.0		N.D.
n-Propylbenzene		N.D.		1.0		N.D.
Styrene		N.D.		2.4		N.D.
1,1,1,2-Tetrachloroethane		N.D.		0.73		N.D.
1,1,2,2-Tetrachloroethane	. 5.0	N.D.		0.73		N.D.
Tetrachloroethene	. 5.0	N.D.		0.74		N.D.
Toluene	. 5.0	N.D.		1.3		N.D.
1,2,3-Trichlorobenzene	. 5.0	N.D.		0.7		N.D.
1,2,4-Trichlorobenzene	. 5.0	N.D.		0.7		N.D.
1,1,1-Trichloroethane	. 5.0	N.D.		0.9		N.D.
1,1,2-Trichloroethane	. 5.0	N.D.		0.9		N.D.
Trichloroethene	. 5.0	13		0.93		2.4
Trichlorofluoromethane		N.D.		0.9		N.D.
1,2,3-Trichloropropane	. 5.0	N.D.		8.0		N.D.
1,2,4-Trimethylbenzene	5.0	N.D.		1.0		N.D.
1,3,5-Trimethylbenzene	5.0	N.D.		1.0		N.D.
Vinyl acetate	. 5.0	N.D.		1.4		N.D.
Vinyl chloride	. 5.0	N.D.		2.0		N.D.
o-Xylene	. 5.0	N.D.		1.2		N.D.
m,p-Xylenes		N.D.		0.6		N.D.

Analytes reported as N.D. were not present at or above the reporting limit.

DEL MAR ANALYTICAL (AZ0426)



Surrogate Standard Recoveries:	
Dibromofluoromethane	100%
Toluene-d8	95%
4-Bromofluorobenzene	88%

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-122i-1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-104 16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1841 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 2465 W. 12th St., Suite 1, Tempe, AZ 85281

(619) 505-9596 FAX (619) 505-9689 (602) 968-8272 FAX (602) 968-133E

Client Project ID: Sparton Technology / 808011 Sampled: AEN, New Mexico Aug 5, 1998 2709-D Pan American Freeway NE Received: Aug 6, 1998 Extracted: Aug 6, 1998 Albuquerque, NM 87107 Sample Descript: Air Sample in Tedlar Bag, 808011-02 Attention: Kimberly McNeill Lab Number: PHH00246 Analyzed: Aug 6, 1998 Reported: Aug 7, 1998

VOLATILE ORGANICS by GC/MS (EPA 8260B)

Analyte	Reporting Limit	Sample Result	Reporting Limit	Sample Resuit
	mg/m3	mg/m3	ppm/vol	ppm/vol

Acetone	5.0	30		2.1	 13
Benzene	5.0	N.D.		1.6	 N.D.
Bromobenzene	5.0	N.D.		0.78	 N.D.
Bromochloromethane	5.0	N.D.		0.94	 N.D.
Bromodichloromethane	5.0	N.D.		0.75	 N.D.
Bromoform	5.0	N.D.		0.5	 N.D.
Bromomethane	5.0	N.D.		1.3	 N.D.
2-Butanone	5.0	N.D.		1.7	 N.D.
n-Butylbenzene	5.0	N.D.		0.9	 N.D.
sec-Butylbenzene	5.0	N.D.		0.9	 N.D.
tert-Butylbenzene	5.0	N.D.		0.9	 N.D.
Carbon Disulfide	5.0	N.D.		1.6	 N.D.
Carbon tetrachloride	5.0	N.D.		0.79	 N.D.
Chlorobenzene	5.0	N.D.		1.2	 N.D.
Chloroethane	5.0	N.D.		1.9	 N.D.
Chloroform	5.0	N.D.		1.0	 N.D.
Chloromethane	5.0	N.D.		2.4	 N.D.
2-Chlorotoluene	5.0	N.D.		1.0	 N.D.
4-Chlorotoluene	5.0	N.D.		1.0	 N.D.
Dibromochloromethane	5.0	N.D.		0.6	 N.D.
1,2-Dibromo-3-chloropropane	5.0	N.D.		0.5	 N.D.
1,2-Dibromoethane	5.0	N.D.		0.7	 N.D.
Dibromomethane	5.0	N.D.		0.7	 N.D.
1,2-Dichlorobenzene	5.0	N.D.		0.8	 N.D.
1,3-Dichlorobenzene	5.0	N.D.		0.8	 N.D.
1,4-Dichlorobenzene	5.0	N.D.		0.8	 N.D.
Dichlorodifluoromethane	5.0	N.D.		1.0	 N.D.
1,1-Dichloroethane	5.0	N.D.		1.2	 N.D.
1,2-Dichloroethane	5.0	N.D.		1.2	 N.D.
1,1-Dichloroethene	5.0	N.D.		1.3	 N.D.
cis-1,2-Dichloroethene	5.0	N.D.		1.3	 N.D.
trans-1,2-Dichloroethene	5.0	N.D.		1.3	 N.D.
1,2-Dichloropropane	5.0	N.D.		1.1	 N.D.
1,3-Dichloropropane	5.0	N.D.		1.1	 N.D.
2,2-Dichloropropane	5.0	N.D.	***************************************	1.1	 N.D.



2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1226 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046 16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 2465 W. 12th St., Suite 1, Tempe, AZ 85281

(818) 779-1844 FAX (818) 779-1843. (619) 505-9596 FAX (619) 505-9685 (602) 968-8272 FAX (602) 968-1338

Client Project ID: Sparton Technology / 808011 AEN, New Mexico Sampled: Aug 5, 1998 2709-D Pan American Freeway NE Received: Aug 6, 1998 Albuquerque, NM 87107 Sample Descript: Air Sample in Tedlar Bag, 808011-02 Extracted: Aug 6, 1998 Analyzed: Lab Number: PHH00246 Attention: Kimberly McNeill Aug 6, 1998 Reported: Aug 7, 1998

VOLATILE ORGANICS by GC/MS (EPA 8260B)

Analyte	Reporting Limi mg/m3	t Sample Resi mg/m3	ult F	Reporting Li ppm/vol	imit	Sample Result ppm/vol
1,1-Dichloropropane	5.0	N.D.		1.1		N.D.
cis-1,3-Dichloropropene		N.D.		1.1		N.D.
trans-1,3-Dichloropropene		N.D.		1.1		N.D.
Ethylbenzene		N.D.		1.2		N.D.
Hexachlorobutadiene		N.D.		0.5		N.D.
2-Hexanone		N.D.		1.2		N.D.
Isopropylbenzene	5.0	N.D.		1.0		N.D.
p-Isopropyltoluene		N.D.		0.9		N.D.
Methylene chloride		N.D.		1.4		N.D.
4-Methyl-2-pentanone	. 5.0	N.D.		1.2		N.D.
Naphthalene		N.D.		1.0		N.D.
n-Propylbenzene	. 5.0	N.D.		1.0		N.D.
Styrene		N.D.		2.4		N.D.
1,1,1,2-Tetrachloroethane		N.D.		0.73		N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.		0.73		N.D.
Tetrachloroethene		N.D.		0.74		N.D.
Toluene	. 5.0	N.D.		1.3		N.D.
1,2,3-Trichlorobenzene	. 5.0	N.D.		0.7		N.D.
1,2,4-Trichlorobenzene	. 5.0	N.D.		0.7		N.D.
1,1,1-Trichloroethane	5.0	24		0.9		4.4
1,1,2-Trichloroethane		N.D.		0.9		N.D.
Trichloroethene		130				24
Trichlorofluoromethane		N.D.		0.9		N.D.
1,2,3-Trichloropropane	5.0	N.D.		8.0		N.D.
1,2,4-Trimethylbenzene	5.0	N.D.		1.0		N.D.
1,3,5-Trimethylbenzene	5.0	N.D.		1.0		N.D.
Vinyl acetate		N.D.		1.4		N.D.
Vinyl chloride	5.0	N.D.				N.D.
o-Xylene		N.D.		1.2		N.D.
m,p-Xylenes		N.D.		0.6		N.D.

Analytes reported as N.D. were not present at or above the reporting limit.

DEL MAR ANALYTICAL (AZ0426)

> K.F

Ken Baker Project Manager

Surrogate Standard Recoveries:	
Dibromofluoromethane	100%
Toluene-d8	96%
4-Bromofluorobenzene	88%

2852 Alton Ave., Irvine, CA 92606 1014 E. Cooley Dr., Suite A, Colton, CA 92324 16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 2465 W. 12th St., Suite 1, Tempe, AZ 85281 (949) 261-1022 FAX (949) 261-122; (909) 370-4667 FAX (909) 370-104; (818) 779-1844 FAX (818) 779-184; (619) 505-9596 FAX (619) 505-968; (602) 968-8272 FAX (602) 968-133;

AEN, New Mexico

2709-D Pan American Freeway NE Albuquerque, NM 87107

Attention: Kimberly McNeill

Method Blank

Extracted: Analyzed: Reported:

Aug 6, 1998 Aug 6, 1998 Aug 7, 1998

Matrix: Air

Analyte	Reporting Lin	nit Sample R	esult	Reporting	Limit	Sample Result
· ······ , · ·	mg/m3	mg/m3		ppm/vol		ppm/vol
				0.4		
Acetone	5.0	N.D.		2.1	•••••	N.D.
Benzene	5.0	N.D.	••••••	1.6	•••••	N.D.
Bromobenzene	5.0	N.D.	•••••	0.78	•••••	N.D.
Bromochloromethane	5.0	N.D.		0.94	•••••	N.D.
Bromodichloromethane	5.0	N.D.	•••••	0.75	•••••	N.D.
Bromoform	5.0	N.D.		0.5		N.D.
Bromomethane	5.0	N.D.		1.3		N.D.
2-Butanone	5.0	N.D.		1.7		N.D.
n-Butylbenzene	5.0	N.D.		0.9		N.D.
sec-Butylbenzene	5.0	N.D.		0.9		N.D.
tert-Butylbenzene	5.0	N.D.		0.9		N.D.
Carbon Disulfide	5.0	N.D.		1.6		N.D.
Carbon tetrachloride	5.0	N.D.		0.79		N.D.
Chlorobenzene	5.0	N.D.		1.2		N.D.
Chloroethane	5.0	N.D.		1.9	***************************************	N.D.
Chloroform	5.0	N.D.		1.0	*****************	N.D.
Chloromethane	5.0	N.D.		2.4		N.D.
2-Chlorotoluene	5.0	N.D.		1.0		N.D.
4-Chlorotoluene	5.0	N.D.		1.0		N.D.
Dibromochloromethane	5.0	N.D.		0.6		N.D.
1,2-Dibromo-3-chloropropane	5.0	N.D.		0.5		N.D.
1,2-Dibromoethane	5.0	N.D.		0.7		N.D.
Dibromomethane	5.0	N.D.		0.7		N.D.
1,2-Dichlorobenzene	5.0	N.D.		0.8		N.D.
1,3-Dichlorobenzene	5.0	N.D.		0.8		N.D.
1,4-Dichlorobenzene	5.0	N.D.		0.8		N.D.
Dichlorodifluoromethane	5.0	N.D.		1.0		N.D.
1,1-Dichloroethane	5.0	N.D.		1.2		N.D.
1,2-Dichloroethane	5.0	N.D.		1.2		N.D.
1,1-Dichloroethene	5.0	N.D.		1.3		N.D.
cis-1,2-Dichloroethene	5.0	N.D.	•••••	1.3	•••••	N.D.
			•••••		***************************************	
trans-1,2-Dichloroethene	5.0	N.D.	•••••	1.3		N.D.
1,2-Dichloropropane	5.0	N.D.		1.1	•••••	N.D.
1,3-Dichloropropane	5.0	N.D.	•••••	1.1	•••••	N.D.
2,2-Dichloropropane	5.0	N.D.		1.1	•••••	N.D.



2852 Alton Ave., Irvine, CA 92606 1014 E. Cooley Dr., Suite A, Colton, CA 92324 16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-184 . 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 2465 W. 12th St., Suite 1, Tempe, AZ 85281

(949) 261-1022 FAX (949) 261-122 (909) 370-4667 FAX (909) 370-104 (619) 505-9596 FAX (619) 505-968 (602) 968-8272 FAX (602) 968-133

AEN, New Mexico

2709-D Pan American Freeway NE

Albuquerque, NM 87107 Attention: Kimberly McNeill Method Blank

Extracted: Analyzed:

Aug 6, 1998 Aug 6, 1998

Reported: Matrix: Aug 7, 1998 Air

VOLATILE ORGANICS by GC/MS (EPA 8260B)

Analyte	Reporting Lir	•	Result	Reporting	Sample Result	
	mg/m3	mg/m3		ppm/vol		ppm/vol
1,1-Dichloropropane	5.0	N.D.		1.1		N.D.
cis-1,3-Dichloropropene	5.0	N.D.		1.1		N.D.
trans-1,3-Dichloropropene	5.0	N.D.		1.1		N.D.
Ethylbenzene	5.0	N.D.		1.2		N.D.
Hexachlorobutadiene	5.0	N.D.		0.5		N.D.
2-Hexanone	5.0	N.D.		1.2		N.D.
Isopropylbenzene	5.0	N.D.		1.0		N.D.
p-Isopropyltoluene	5.0	N.D.		0.9		N.D.
Methylene chloride	5.0	N.D.		1.4		N.D.
4-Methyl-2-pentanone	5.0	N.D.		1.2		N.D.
Naphthalene	5.0	N.D.		1.0		N.D.
n-Propylbenzene	5.0	N.D.		1.0		N.D.
Styrene	10	N.D.		2.4		N.D.
1,1,1,2-Tetrachloroethane	5.0	N.D.		0.73		N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.		0.73		N.D.
Tetrachloroethene	5.0	N.D.		0.74		N.D.
Toluene	5.0	N.D.		1.3		N.D.
1,2,3-Trichlorobenzene	5.0	N.D.		0.7		N.D.
1,2,4-Trichlorobenzene	5.0	N.D.		0.7		N.D.
1,1,1-Trichloroethane	5.0	N.D.		0.9		N.D.
1,1,2-Trichloroethane	5.0	N.D.		0.9		N.D.
Trichloroethene	5.0	N.D.		0.93		N.D.
Trichlorofluoromethane	5.0	N.D.		0.9		N.D.
1,2,3-Trichloropropane	5.0	N.D.		0.8		N.D.
1,2,4-Trimethylbenzene	5.0	N.D.		1.0		N.D.
1,3,5-Trimethylbenzene	5.0	N.D.		1.0		N.D.
Vinyl acetate	5.0	N.D.		1.4		N.D.
Vinyl chloride	5.0	N.D.		2.0		N.D.
o-Xylene	5.0	N.D.		1.2		N.D.
m,p-Xylenes	5.0	N.D.		0.6		N.D.

Analytes reported as N.D. were not present at or above the reporting limit.

DEL MAR ANALYTICAL (AZ0426)



Ken Baker Project Manager

Surrogate Standard Recoveries:	
Dibromofluoromethane	93%
Toluene-d8	96%
4-Bromofluorobenzene	89%

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AMERICAN ENVIRONMENTAL NETWORK

Albuquerque, New Mexico

Interlab Chain of Custody

DATE: 8	5	98	DAGE:	OF
DATE:	1	10	PAGE:	OF i

NETWORK PROJECT MANAGER:	KIMBERLY	D. McNE	NEILL							ANALYSIS REQUEST											_										
COMPANY: AMERICAN ENV ADDRESS: 2709-D Pan Ame Albuquerque, NA	erican Free			RK				RCRA Metals by TCLP (1311)										(608/8080)	/8150)	Base/Neutral Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8249) 82/00	Polynuclear Aromatics (610/8310)	11) ZHE	1311)				la	-		CONTAINERS
CLIENT PROJECT MANAGER: Kim McNeil					Metals - TAL	Metals - PP List	Metals - RCRA	RA Metals b		>	د ا د	Gen Chemistry			and Grease	800	000	Pesticides/PCB (608/8080)	Herbicides (615/8150)	se/Neutral Acid	latile Organic	lynuclear Arc	8240 (TCLP 1311) ZHE	8270 (TCLP 13		TO-14	+1-1	Gross Alpha/Beta		(NUMBER
SAMPLE ID		STORY THE COMMENT	MATRIX	LAB ID	WE	ž	≊	~	\perp	Ş	1	3 6	4	4	ö	Ж	8	a	픠	8	욋	<u>م</u>	82	82	_		4	5	-		N
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CLIENT DISCOUNT:SPECIAL CERTIFICATION REQUIRED: Y	ES 🗆 NO													Com	рапу:								Printed Name: Date: 4455 Company: DMAP								
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American Environmen	tal Network ((NM),	Inc.
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FORM IN COMPLETELY.

PLEASE

CHAIN OF CUSTODY DATE: 8-5-98 PAGE: _L OF _L

AEN(NM)/Accession # 808011	vaen(nm) Accession III. 1808	011/11/11
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PROJECT MANAGER:	4		19 (8)	教育		和特	教授	湖湖	朝朝		ANA	ĽÝ	SIS	RE	άÜ	EST	44	100	松原			141	門海	*	13.4	id.
COMPANY: SPARTON TECHNOLOGY ADDRESS: 9621 COORS Rd. NE ABC. NYM 87114 PHONE: 505 892 5300 FAX: " 5515 BILL TO: JOHN ROSE (ATTH) COMPANY: SPARTON TECHNOLOGY ADDRESS: 4901 ROCKAWAY BLUDI RID RANCHO, NIM 87124 SAMPLEIR NATE IME MARRY VIBIRE SVE EX POST CAT 8-5-98 14 9 9AS SUE INFLICT 8-5-98 " " " 002	troleum Hydrocarbons (418.1) TRPH	ct	(M8015) Gas/Purge & Trap	8015 (Gasoline)	8021 (BTEX) ☐ MTBE ☐ TMB ☐ PCE			8021 (HALU) 8021 (CUST)	1/ DBCP				8260 (CUST) Volatile Organics	IUICS	Pesticides /Pub (eug/euc)	ds GC/MS (625/8270)	7					st Metals (23)	T	RCRA Metals by ICLP (Method 1311)	(dls.	NU POFCONTAINERS
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