SPARTON

SPARTON TECHNOLOGY

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

July 17, 1997

Mr. Benito Garcia
Bureau Chief
Hazardous And Radioactive Materials Bureau
New Mexico Environment Department
PO Box 26110
Santa Fe, New Mexico 87505

Re: Second Quarter 1997 AGMP Report

Dear Mr. Garcia:

Enclosed is Sparton Technology's Ground Water Report for the Second Quarter 1997 as required by the Alternate Ground Water Monitoring Program. Included in the report are copies of the lab data sheets. MW-15 was not sampled as the well was dry. Ground water samples for AGMP wells were collected by Sparton Technology, Inc. and Metric Corp. personnel on April 24, 1997.

If you have any questions please contact me or John Wakefield at (505) 892-5300. Thank you for your attention to this matter.

Sincerely,
SPARTON TECHNOLOGY, INC.

Richard D. Mico
Vice President and General Manager

enclosure:

cc: (without enclosure)
Mr. J. Appel
Mr. J. Wakefield

007267

Sparton Technology, Inc. □ *4901 Rockaway Blvd., SE* □ *Rio Rancho, NM 87124-4469* □ *(505) 892-5300* □ *FAX (505) 892-5515*

INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

This set of data sheets is for use by all facilities in assessment monitoring. [HWMR-5, Part VI, Section 265.93(d) (4), (5) and (7) (e) and (f), and Section 265.94(b).]

ENVIRONMENTAL IMPROVEMENT DIVISION
HAZARDOUS WASTE SECTION
1190 ST. FRANCIS DR./HAROLD RUNNELS BLDG.
SANTA FE, NEW MEXICO 87503

FACILITY NAME: SPARTON TECHNOLOGY, INC. SECOND QUARTER 1997

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-9 SAMPLE COLLECTION BY: PETER H. METZNER

WELL DEPTH: 78.35 LABORATORY NAME: AEN

DATE SAMPLED: 4/24/97 LABORATORY SAMPLE I.D. #: 704386-04

TIME SAMPLED: 1016 DATE RECEIVED BY LAB: 4/24/97

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G. Water	71993	ft.	4973.24	4-24-97
Well Casing Volume	--------	gal.	1.22	4-24-97
Pump Rate	--------	gal./min.	0.09	4-24-97
Pump Period	72004	min.	44	4-24-97
Volume Evacuated	73675	gal.	3.7	4-24-97
Well Sampling Method	84077	--------	BLDRP	4-24-97
Sampler Material	--------	--------	TEFLN	N/A

WELL SAMPLING METHOD: BLDRP

INDICATOR PARAMETERS MW-9

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.67	NA	4-25-97	
	00400	S.U.				150.1
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	680	1	5-6-97	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	450	10	5-20-97	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	2.0	1.0	5-7-97	
	00680	mg/l				415.1
	00680	mg/l				
	00680	mg/l				

NA = NOT APPLICABLE

GROUND WATER QUALITY PARAMETERS MW-9

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	NA			
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	NA			
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	NA			
Sulfate	00945	mg/l	NA			
Turbidity		NTU	NA			

DATE OF THIS REPORT: 7-16-97

SIGNATURE: John M Wakefield

NAME (PRINTED: JOHN M. WAKEFIELD

NA = Not Applicable

MONITORING WELL APPENDIX VI OR IX FOR FACILITIES IN ASSESSMENT

MW-9

Under assessment monitoring as per HWMR-5 Part VI Section 265.93(d) (4), (5) and (7) and 42 Federal Register, 25942 (July 9, 1987), please list values for the Appendix VII or IX parameters which were found in your Appendix IX scan.

PARAMETER	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1, - Dichloroethene	UG/L	99	0.2	NA	4/28/97	8010
Trichloroethene	UG/L	580	0.3	NA	4/29/97	8010
1,1,1 Trichloroethane	UG/L	100	1.0	NA	4/28/97	8010
Tetrachloroethene	UG/L	2.5	0.5	NA	4/27/97	8010
Chloroform	UG/L	2.3	0.5	NA	4/27/97	8010
1,1 Dichloroethane	UG/L	2.2	0.3	NA	4/29/97	8010
1,1,2-Trichloroethane	UG/L	0.8	0.2	NA	4/27/97	8010
Methylene Chloride	UG/L	110 J	2.0	NA	4/29/97	8010

ND = Not Detected
NA = Not Applicable

J = Compound of interest is present but below detection limit of 200 ug/L at an 1:100 dilution.

00722T

INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

This set of data sheets is for use by all facilities in assessment monitoring. [HWMR-5, Part VI, Section 265.93(d) (4), (5) and (7) (e) and (f), and Section 265.94(b).]

ENVIRONMENTAL IMPROVEMENT DIVISION
HAZARDOUS WASTE SECTION
1190 ST. FRANCIS DR./HAROLD RUNNELS BLDG.
SANTA FE, NEW MEXICO 87503

FACILITY NAME: SPARTON TECHNOLOGY, INC. SECOND QUARTER 1997

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-14 SAMPLE COLLECTION BY: DON A. GUTIERREZ

WELL DEPTH: 73.08 LABORATORY NAME: AEN

DATE SAMPLED: 4/24/97 LABORATORY SAMPLE I.D. #: 704386-03

TIME SAMPLED: 1042 DATE RECEIVED BY LAB: 4/24/97

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G. Water	71993	ft.	4971.97	4-24-97
Well Casing Volume	--------	gal.	0.33	4-24-97
Pump Rate	--------	gal./min.	0.03	4-24-97
Pump Period	72004	min.	38	4-24-97
Volume Evacuated	73675	gal.	1.0	4-24-97
Well Sampling Method	84077	--------	BLDRP	4-24-97
Sampler Material	--------	--------	TEFLN	N/A

WELL SAMPLING METHOD: BLDRP

007272

INDICATOR PARAMETERS MW-14

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	8.22	NA	4-25-97	
	00400	S.U.				150.1
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	730	1	5-6-97	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	780	10	5-20-97	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	2.0	1.0	5-7-97	
	00680	mg/l				415.1
	00680	mg/l				
	00680	mg/l				

NA = NOT APPLICABLE

GROUND WATER QUALITY PARAMETERS MW-14

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	NA			
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	NA			
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	NA			
Sulfate	00945	mg/l	NA			
Turbidity		NTU	NA			

DATE OF THIS REPORT: 7-17-97

SIGNATURE: John M. Wakefield

NAME (PRINTED: JOHN M. WAKEFIELD

NA = Not Applicable

MONITORING WELL APPENDIX VI OR IX FOR FACILITIES IN ASSESSMENT

MW-14

Under assessment monitoring as per HWMR-5 Part VI Section 265.93(d) (4), (5) and (7) and 42 Federal Register, 25942 (July 9, 1987), please list values for the Appendix VII or IX parameters which were found in your Appendix IX scan.

PARAMETER	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1, - Dichloroethene	UG/L	33	0.2	NA	5/2/97	8010
Trichloroethene	UG/L	570	0.3	NA	5/5/97	8010
1,1,1 Trichloroethane	UG/L	8.1	1.0	NA	4/29/97	8010
Tetrachloroethene	UG/L	1.9	0.3	NA	4/29/97	8010
Chloroform	UG/L	2.7	0.5	NA	4/26/97	8010
1,1,2-Trichloroethane	UG/L	0.9	0.2	NA	4/29/97	8010

ND = Not Detected
NA = Not Applicable

007275

INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

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ENVIRONMENTAL IMPROVEMENT DIVISION
HAZARDOUS WASTE SECTION
1190 ST. FRANCIS DR./HAROLD RUNNELS BLDG.
SANTA FE, NEW MEXICO 87503

FACILITY NAME: SPARTON TECHNOLOGY, INC. SECOND QUARTER 1997

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-15 SAMPLE COLLECTION BY: N/A

WELL DEPTH: 73.17 LABORATORY NAME: AEN

DATE SAMPLED: N/A LABORATORY SAMPLE I.D. #: N/A

TIME SAMPLED: N/A DATE RECEIVED BY LAB: N/A

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G. Water	71993	ft.	No H_2O	4-24-97
Well Casing Volume	--------	gal.	N/A	4-24-97
Pump Rate	--------	gal./min.	N/A	4-24-97
Pump Period	72004	min.	N/A	4-24-97
Volume Evacuated	73675	gal.	N/A	4-24-97
Well Sampling Method	84077	--------	BLDRP	4-24-97
Sampler Material	--------	--------	TEFLN	N/A

WELL SAMPLING METHOD: BLDRP

INDICATOR PARAMETERS MW-15

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.		NA		
	00400	S.U.				150.1
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm		1		
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l		10		
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l		1.0		
	00680	mg/l				415.1
	00680	mg/l				
	00680	mg/l				

NA = NOT APPLICABLE

GROUND WATER QUALITY PARAMETERS MW-15

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	NA			
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	NA			
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	NA			
Sulfate	00945	mg/l	NA			
Turbidity		NTU	NA			

DATE OF THIS REPORT: 7-17-97

SIGNATURE: John M. Wakefield

NAME (PRINTED: JOHN M. WAKEFIELD

NA = Not Applicable

INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

This set of data sheets is for use by all facilities in assessment monitoring. [HWMR-5, Part VI, Section 265.93(d) (4), (5) and (7) (e) and (f), and Section 265.94(b).]

ENVIRONMENTAL IMPROVEMENT DIVISION
HAZARDOUS WASTE SECTION
1190 ST. FRANCIS DR./HAROLD RUNNELS BLDG.
SANTA FE, NEW MEXICO 87503

FACILITY NAME: SPARTON TECHNOLOGY, INC. SECOND QUARTER 1997

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-16 SAMPLE COLLECTION BY: JOHN M. WAKEFIELD

WELL DEPTH: 71.52 LABORATORY NAME: AEN

DATE SAMPLED: 4/24/97 LABORATORY SAMPLE I.D. #: 704386-07

TIME SAMPLED: 1522 DATE RECEIVED BY LAB: 4/24/97

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G. Water	71993	ft.	4978.62	4-24-97
Well Casing Volume	--------	gal.	0.43	4-24-97
Pump Rate	--------	gal./min.	0.01	4-24-97
Pump Period	72004	min.	132	4-24-97
Volume Evacuated	73675	gal.	1.30	4-24-97
Well Sampling Method	84077	--------	BLDRP	4-24-97
Sampler Material	--------	--------	TEFLN	N/A

WELL SAMPLING METHOD: BLDRP

INDICATOR PARAMETERS MW-16

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.98	NA	4-25-97	
	00400	S.U.				150.1
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	1000	1	5-6-97	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	3600	10	5-21-97	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	2.0	1.0	5-7-97	
	00680	mg/l				415.1
	00680	mg/l				
	00680	mg/l				

NA = NOT APPLICABLE

GROUND WATER QUALITY PARAMETERS MW-16

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	NA			
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	NA			
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	NA			
Sulfate	00945	mg/l	NA			
Turbidity		NTU	NA			

DATE OF THIS REPORT: 7-17-97

SIGNATURE: John M. Wakefield

NAME (PRINTED: JOHN M. WAKEFIELD

NA = Not Applicable

MONITORING WELL APPENDIX VI OR IX FOR FACILITIES IN ASSESSMENT

MW-16

Under assessment monitoring as per HWMR-5 Part VI Section 265.93(d) (4), (5) and (7) and 42 Federal Register, 25942 (July 9, 1987), please list values for the Appendix VII or IX parameters which were found in your Appendix IX scan.

PARAMETER	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1, - Dichloroethene	UG/L	82	0.2	NA	5/2/97	8010
Trichloroethene	UG/L	5300	0.3	NA	5/7/97	8010
1,1,1 Trichloroethane	UG/L	1200	1.0	NA	5/2/97	8010
Tetrachloroethene	UG/L	90	0.5	NA	5/2/97	8010
Chloroform	UG/L	3.0	0.5	NA	4/29/97	8010
1,1 Dichloroethane	UG/L	2.1	0.3	NA	4/29/97	8010
cis - 1,2 - Dichloroethene	UG/L	0.2	0.2	NA	4/29/97	8010

ND = Not Detected
NA = Not Applicable

007282

INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

This set of data sheets is for use by all facilities in assessment monitoring. [HWMR-5, Part VI, Section 265.93(d) (4), (5) and (7) (e) and (f), and Section 265.94(b).]

ENVIRONMENTAL IMPROVEMENT DIVISION
HAZARDOUS WASTE SECTION
1190 ST. FRANCIS DR./HAROLD RUNNELS BLDG.
SANTA FE, NEW MEXICO 87503

FACILITY NAME: SPARTON TECHNOLOGY, INC. SECOND QUARTER 1997

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-20 SAMPLE COLLECTION BY: DON A. GUTIERREZ

WELL DEPTH: 139.00 LABORATORY NAME: AEN

DATE SAMPLED: 4/24/97 LABORATORY SAMPLE I.D. #: 704386-02

TIME SAMPLED: 0930 DATE RECEIVED BY LAB: 4/24/97

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G. Water	71993	ft.	4972.07	4-24-97
Well Casing Volume	--------	gal.	42.61	4-24-97
Pump Rate	--------	gal./min.	1.27	4-24-97
Pump Period	72004	min.	108	4-24-97
Volume Evacuated	73675	gal.	131	4-24-97
Well Sampling Method	84077	--------	BLDRP	4-24-97
Sampler Material	--------	--------	TEFLN	N/A

WELL SAMPLING METHOD: BLDRP

INDICATOR PARAMETERS

MW-20

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Ph	00400	S.U.	7.73	NA	4-25-97	
	00400	S.U.				150.1
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	610	1	5-6-97	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	ND	10	5-20-97	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	2.0	1.0	5-7-97	
	00680	mg/l				415.1
	00680	mg/l				
	00680	mg/l				

NA = NOT APPLICABLE

GROUND WATER QUALITY PARAMETERS MW-20

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	NA			
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	NA			
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	NA			
Sulfate	00945	mg/l	NA			
Turbidity		NTU	NA			

DATE OF THIS REPORT: 7-17-97

SIGNATURE: John M. Wakefield

NAME (PRINTED: JOHN M. WAKEFIELD

NA = Not Applicable

MONITORING WELL APPENDIX VI OR IX FOR FACILITIES IN ASSESSMENT

MW-20

Under assessment monitoring as per HWMR-5 Part VI Section 265.93(d) (4), (5) and (7) and 42 Federal Register, 25942 (July 9, 1987), please list values for the Appendix VII or IX parameters which were found in your Appendix IX scan.

PARAMETER	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1, - Dichloroethene	UG/L	<0.2	0.2	NA	4/26/97	8010
Trichloroethene	UG/L	<0.3	0.3	NA	4/26/97	8010

ND = Not Detected
NA = Not Applicable

007286

INTERIM STATUS MONITORING WELL
SAMPLING AND DATA SHEETS

ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

This set of data sheets is for use by all facilities in assessment monitoring. [HWMR-5, Part VI, Section 265.93(d) (4), (5) and (7) (e) and (f), and Section 265.94(b).]

ENVIRONMENTAL IMPROVEMENT DIVISION
HAZARDOUS WASTE SECTION
1190 ST. FRANCIS DR./HAROLD RUNNELS BLDG.
SANTA FE, NEW MEXICO 87503

FACILITY NAME: SPARTON TECHNOLOGY, INC. SECOND QUARTER 1997

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-19 SAMPLE COLLECTION BY: PETER H. METZNER

WELL DEPTH: 111.43 LABORATORY NAME: AEN

DATE SAMPLED: 4/24/97 LABORATORY SAMPLE I.D. #: 704386-01

TIME SAMPLED: 0918 DATE RECEIVED BY LAB: 4/24/97

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G. Water	71993	ft.	4972.33	4-24-97
Well Casing Volume	--------	gal.	24.49	4-24-97
Pump Rate	--------	gal./min.	0.82	4-24-97
Pump Period	72004	min.	100	4-24-97
Volume Evacuated	73675	gal.	76.5	4-24-97
Well Sampling Method	84077	--------	BLDRP	4-24-97
Sampler Material	--------	--------	TEFLN	N/A

WELL SAMPLING METHOD: BLDRP

INDICATOR PARAMETERS MW-19

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Ph	00400	S.U.	7.57	NA	4-25-97	
	00400	S.U.				150.1
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	740	1	5-6-97	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	10.0	10	5-20-97	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.0	1.0	5-7-97	
	00680	mg/l				415.1
	00680	mg/l				
	00680	mg/l				

NA = NOT APPLICABLE

GROUND WATER QUALITY PARAMETERS MW-19

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	NA			
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	NA			
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	NA			
Sulfate	00945	mg/l	NA			
Turbidity		NTU	NA			

DATE OF THIS REPORT: 7-17-97

SIGNATURE: John M. Wakefield

NAME (PRINTED: JOHN M. WAKEFIELD

NA = Not Applicable

MONITORING WELL APPENDIX VI OR IX FOR FACILITIES IN ASSESSMENT

MW-19

Under assessment monitoring as per HWMR-5 Part VI Section 265.93(d) (4), (5) and (7) and 42 Federal Register, 25942 (July 9, 1987), please list values for the Appendix VII or IX parameters which were found in your Appendix IX scan.

PARAMETER	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1, - Dichloroethene	UG/L	0.6	0.2	NA	4/26/97	8010
Trichloroethene	UG/L	9.4	0.3	NA	4/26/97	8010

ND = Not Detected
NA = Not Applicable

007290

INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

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ENVIRONMENTAL IMPROVEMENT DIVISION
HAZARDOUS WASTE SECTION
1190 ST. FRANCIS DR./HAROLD RUNNELS BLDG.
SANTA FE, NEW MEXICO 87503

FACILITY NAME: SPARTON TECHNOLOGY, INC. SECOND QUARTER 1997

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-21 SAMPLE COLLECTION BY: PETER H. METZNER

WELL DEPTH: 70.56 LABORATORY NAME: AEN

DATE SAMPLED: 4/24/97 LABORATORY SAMPLE I.D. #: 704386-06

TIME SAMPLED: 1125 DATE RECEIVED BY LAB: 4/24/97

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G. Water	71993	ft.	4978.56	4-24-97
Well Casing Volume	--------	gal.	0.12	4-24-97
Pump Rate	--------	gal./min.	0.01	4-24-97
Pump Period	72004	min.	47	4-24-97
Volume Evacuated	73675	gal.	0.37	4-24-97
Well Sampling Method	84077	--------	BLDRP	4-24-97
Sampler Material	--------	--------	TEFLN	N/A

WELL SAMPLING METHOD: BLDRP

INDICATOR PARAMETERS MW-21

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Ph	00400	S.U.	7.89	NA	4-25-97	
	00400	S.U.				150.1
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	590	1	5-6-97	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	100	10	5-21-97	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	2.0	1.0	5-7-97	
	00680	mg/l				415.1
	00680	mg/l				
	00680	mg/l				

NA = NOT APPLICABLE

GROUND WATER QUALITY PARAMETERS MW-21

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	NA			
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	NA			
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	NA			
Sulfate	00945	mg/l	NA			
Turbidity		NTU	NA			

DATE OF THIS REPORT: 7-17-97

SIGNATURE: John M. Wakefield

NAME (PRINTED: JOHN M. WAKEFIELD

NA = Not Applicable

MONITORING WELL APPENDIX VI OR IX FOR FACILITIES IN ASSESSMENT

MW-21

Under assessment monitoring as per HWMR-5 Part VI Section 265.93(d) (4), (5) and (7) and 42 Federal Register, 25942 (July 9, 1987), please list values for the Appendix VII or IX parameters which were found in your Appendix IX scan.

PARAMETER	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1, - Dichloroethene	UG/L	2.8	0.2	NA	4/29/97	8010
Trichloroethene	UG/L	99	0.3	NA	4/29/97	8010
1,1,1 Trichloroethane	UG/L	34	1.0	NA	4/29/97	8010

ND = Not Detected
NA = Not Applicable

007294

INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

This set of data sheets is for use by all facilities in assessment monitoring. [HWMR-5, Part VI, Section 265.93(d) (4), (5) and (7) (e) and (f), and Section 265.94(b).]

ENVIRONMENTAL IMPROVEMENT DIVISION
HAZARDOUS WASTE SECTION
1190 ST. FRANCIS DR./HAROLD RUNNELS BLDG.
SANTA FE, NEW MEXICO 87503

FACILITY NAME: SPARTON TECHNOLOGY, INC. SECOND QUARTER 1997

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-22 SAMPLE COLLECTION BY: DON A. GUTIERREZ

WELL DEPTH: 76.05 LABORATORY NAME: AEN

DATE SAMPLED: 4/24/97 LABORATORY SAMPLE I.D. #: 704386-05

TIME SAMPLED: 1153 DATE RECEIVED BY LAB: 4/24/97

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G. Water	71993	ft.	4978.06	4-24-97
Well Casing Volume	--------	gal.	0.99	4-24-97
Pump Rate	--------	gal./min.	0.10	4-24-97
Pump Period	72004	min.	33	4-24-97
Volume Evacuated	73675	gal.	3.2	4-24-97
Well Sampling Method	84077	--------	BLDRP	4-24-97
Sampler Material	--------	--------	TEFLN	N/A

WELL SAMPLING METHOD: BLDRP

INDICATOR PARAMETERS MW-22

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.58	NA	4-25-97	
	00400	S.U.				150.1
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	690	1	5-6-97	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	80.0	10	5-21-97	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.0	1.0	5-7-97	
	00680	mg/l				415.1
	00680	mg/l				
	00680	mg/l				

NA = NOT APPLICABLE

GROUND WATER QUALITY PARAMETERS MW-22

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	NA			
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	NA			
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	NA			
Sulfate	00945	mg/l	NA			
Turbidity		NTU	NA			

DATE OF THIS REPORT: 7-17-97

SIGNATURE: John M. Wakefield

NAME (PRINTED: JOHN M. WAKEFIELD

NA = Not Applicable

MONITORING WELL APPENDIX VI OR IX FOR FACILITIES IN ASSESSMENT

MW-22

Under assessment monitoring as per HWMR-5 Part VI Section 265.93(d) (4), (5) and (7) and 42 Federal Register, 25942 (July 9, 1987), please list values for the Appendix VII or IX parameters which were found in your Appendix IX scan.

PARAMETER	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1, - Dichloroethene	UG/L	11	0.2	NA	4/27/97	8010
Trichloroethene	UG/L	74	0.3	NA	4/29/97	8010
1,1,1 Trichloroethane	UG/L	37	1.0	NA	4/29/97	8010
Tetrachloroethene	UG/L	1.1	0.5	NA	4/27/97	8010
Chloroform	UG/L	0.5	0.5	NA	4/27/97	8010

ND = Not Detected
NA = Not Applicable

002298

American Environmental Network, Inc.

AGMP 2Q 1997
MW-19, 20, 14, 9, 22, 21, 16
Field Blank = PZ-2
MW-15 Dry

AEN I.D. 704386

May 27, 1997

SPARTON TECHNOLOGY, INC.
9621 COORS RD., NW
ALBURQUERQUE, NM 87114

Project Name 2Q97-AGMP
Project Number 42497

Attention: JOHN M. WAKEFIELD

On 4/24/97 American Environmental Network (NM), Inc. (ADHS License No. AZ0015), received a request to analyze **aqueous** 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.

EPA methods 150.1 and 8010 were performed by American Environmental Network (NM), Inc., Albuquerque, NM.

All other analyses were performed by American Environmental Network (FL) Inc., 11 East Olive Road, Pensacola, FL.

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: mt

Enclosure

007299

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

American Environmental Network, Inc.

CLIENT	: SPARTON TECHNOLOGY, INC.	AEN I.D.	: 704386
PROJECT #	: 42497	DATE RECEIVED	: 4/24/97
PROJECT NAME	: 2Q97-AGMP	REPORT DATE	: 5/27/97

AEN ID. #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	MW-19	AQ	4/24/97
02	MW-20	AQ	4/24/97
03	MW-14	AQ	4/24/97
04	MW-9	AQ	4/24/97
05	MW-22	AQ	4/24/97
06	MW-21	AQ	4/24/97
07	MW-16	AQ	4/24/97
08	PZ-2	AQ	4/24/97
09	TRIP BLANK	AQ	4/17/97

American Environmental Network, Inc.

GENERAL CHEMISTRY RESULTS

CLIENT	: SPARTON TECHNOLOGY, INC.	AEN I.D.	: 704386
PROJECT #	: 42497	DATE RECEIVED	: 4/24/97
PROJECT NAME	: 2Q97-AGMP		

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE ANALYZED
01	MW-19	AQUEOUS	4/24/97	4/25/97
02	MW-20	AQUEOUS	4/24/97	4/25/97
03	MW-14	AQUEOUS	4/24/97	4/25/97

PARAMETER	UNITS	01	02	03
PH (150.1)	UNITS	7.57	7.73	8.22

CHEMIST NOTES:
N/A

American Environmental Network, Inc.

GENERAL CHEMISTRY RESULTS

CLIENT	: SPARTON TECHNOLOGY, INC.	AEN I.D.	: 704386
PROJECT #	: 42497	DATE RECEIVED	: 4/24/97
PROJECT NAME	: 2Q97-AGMP		

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE ANALYZED
04	MW-9	AQUEOUS	4/24/97	4/25/97
05	MW-22	AQUEOUS	4/24/97	4/25/97
06	MW-21	AQUEOUS	4/24/97	4/25/97

PARAMETER	UNITS	04	05	06
PH (150.1)	UNITS	7.67	7.58	7.89

CHEMIST NOTES:
N/A

American Environmental Network, Inc.

GENERAL CHEMISTRY RESULTS

CLIENT	: SPARTON TECHNOLOGY, INC.	AEN I.D.	: 704386
PROJECT #	: 42497	DATE RECEIVED	: 4/24/97
PROJECT NAME	: 2Q97-AGMP		

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE ANALYZED
07	MW-16	AQUEOUS	4/24/97	4/25/97
08	PZ-2	AQUEOUS	4/24/97	4/25/97
09	TRIP BLANK	AQUEOUS	4/17/97	4/25/97

PARAMETER	UNITS	07	08	09
PH (150.1)	UNITS	7.98	8.06	6.85

CHEMIST NOTES:
N/A

American Environmental Network, Inc.

GENERAL CHEMISTRY - QUALITY CONTROL

CLIENT	: SPARTON TECHNOLOGY, INC.	AEN I.D.	: 704386
PROJECT #	: 42497	SAMPLE MATRIX	:
PROJECT NAME	: 2Q97-AGMP		

PARAMETER	UNITS	AEN I.D.	SAMPLE RESULT	DUP. RESULT	% RPD
PH	UNITS	704386-04	7.67	7.75	1

CHEMIST NOTES:
N/A

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

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

American Environmental Network, Inc.

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 704461
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 704386
Project Name: SPARTON
Project Location: N/S
Test: Group of Single Wetchem
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 704386-01			Lab ID: 001		
CONDUCTIVITY (120.1/2510 B)	UMH/CM	740	1	CDW012	
Comments:					
Client ID: 704386-02			Lab ID: 002		
CONDUCTIVITY (120.1/2510 B)	UMH/CM	610	1	CDW012	
Comments:					
Client ID: 704386-03			Lab ID: 003		
CONDUCTIVITY (120.1/2510 B)	UMH/CM	730	1	CDW012	
Comments:					
Client ID: 704386-04			Lab ID: 004		
CONDUCTIVITY (120.1/2510 B)	UMH/CM	680	1	CDW012	
Comments:					
Client ID: 704386-05			Lab ID: 005		
CONDUCTIVITY (120.1/2510 B)	UMH/CM	690	1	CDW012	
Comments:					
Client ID: 704386-06			Lab ID: 006		
CONDUCTIVITY (120.1/2510 B)	UMH/CM	590	1	CDW012	
Comments:					
Client ID: 704386-07			Lab ID: 007		
CONDUCTIVITY (120.1/2510 B)	UMH/CM	1000	1	CDW012	
Comments:					

American Environmental Network, Inc.

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 704461
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 704386
Project Name: SPARTON
Project Location: N/S
Test: Group of Single Wetchem
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 704386-08			Lab ID: 008		
CONDUCTIVITY (120.1/2510 B)	UMH/CM	3	1	CDW012	
Comments:					
Client ID: 704386-09			Lab ID: 009		
CONDUCTIVITY (120.1/2510 B)	UMH/CM	2	1	CDW012	
Comments:					

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 704461
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 704386
Project Name: SPARTON
Project Location: N/S
Test: Group of Single Wetchem

Client ID:	Lab ID:	Matrix:	Date/Time Sampled:	Date Received:
704386-01	001	WATER	24-APR-97 0918	26-APR-97
704386-02	002	WATER	24-APR-97 0930	26-APR-97
704386-03	003	WATER	24-APR-97 1042	26-APR-97
704386-04	004	WATER	24-APR-97 1016	26-APR-97
704386-05	005	WATER	24-APR-97 1153	26-APR-97
704386-06	006	WATER	24-APR-97 1125	26-APR-97
704386-07	007	WATER	24-APR-97 1522	26-APR-97
704386-08	008	WATER	24-APR-97 0900	26-APR-97
704386-09	009	WATER	17-APR-97 1520	26-APR-97

American Environmental Network, Inc.

"Method Report Summary"

Accession Number: 704461
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 704386
Project Name: SPARTON
Project Location: N/S
Test: Group of Single Wetchem

Client Sample Id:	Parameter:	Unit:	Result:
704386-01	CONDUCTIVITY (120.1/2510 B)	UMH/CM	740
704386-02	CONDUCTIVITY (120.1/2510 B)	UMH/CM	610
704386-03	CONDUCTIVITY (120.1/2510 B)	UMH/CM	730
704386-04	CONDUCTIVITY (120.1/2510 B)	UMH/CM	680
704386-05	CONDUCTIVITY (120.1/2510 B)	UMH/CM	690
704386-06	CONDUCTIVITY (120.1/2510 B)	UMH/CM	590
704386-07	CONDUCTIVITY (120.1/2510 B)	UMH/CM	1000
704386-08	CONDUCTIVITY (120.1/2510 B)	UMH/CM	3
704386-09	CONDUCTIVITY (120.1/2510 B)	UMH/CM	2

"WetChem Quality Control Report"

Parameter:	CONDUCT'Y
Batch Id:	CDW012
Blank Result:	<1
Anal. Method:	120.1
Prep. Method:	N/A
Analysis Date:	06-MAY-97
Prep. Date:	06-MAY-97

Sample Duplication

Sample Dup:	704461-1
Rept Limit:	<1
Sample Result:	744
Dup Result:	743
Sample RPD:	0
Max RPD:	2
Dry Weight%	N/A

Matrix Spike

Sample Spiked:	N/A
Rept Limit:	N/A
Sample Result:	
Spiked Result:	
Spike Added:	
% Recovery:	
% Rec Limits:	
Dry Weight%	

ICV

ICV Result:	1420
True Result:	1412
% Recovery:	101
% Rec Limits:	98-102

LCS

LCS Result:	
True Result:	
% Recovery:	
% Rec Limits:	

----- Common Footnotes WetChem -----

N/A = NOT APPLICABLE.
N/S = NOT SUBMITTED.
N/C = SAMPLE AND DUPLICATE RESULTS ARE AT OR BELOW AEN REPORTING LIMIT; THEREFORE, THE RPD IS "NOT CALCULABLE" AND NO CONTROL LIMITS APPLY.
N/D = NOT DETECTED.
R = REACTIVE
T = TOTAL
G = SAMPLE AND/OR DUPLICATE RESULT IS BELOW 5 X AEN REPORTING LIMIT AND THE ABSOLUTE DIFFERENCE BETWEEN THE SAMPLE AND DUPLICATE RESULT IS AT OR BELOW AEN REPORTING LIMIT; THEREFORE, THE RESULTS ARE "IN CONTROL".
Q = THE ANALYTICAL (POST-DISTILLATION) SPIKE IS REPORTED DUE TO PERCENT RECOVERY BEING OUTSIDE ACCEPTANCE LIMITS ON THE MATRIX (PRE-DISTILLATION) SPIKE.
# = ELEVATED REPORTING LIMIT DUE TO INSUFFICIENT SAMPLE.
+ = ELEVATED REPORTING LIMIT DUE TO DILUTION INTO CALIBRATION RANGE.
* = ELEVATED REPORTING LIMIT DUE TO MATRIX INTERFERENCE. (DILUTION PRIOR TO ANALYSIS)
@ = ADJUSTED REPORTING LIMIT DUE TO SAMPLE MATRIX. (DILUTION PRIOR TO DIGESTION)
P = ANALYTICAL (POST DIGESTION) SPIKE.
I = DUPLICATE INJECTION.
& = AUTOMATED
F = SAMPLE SPIKED > 4 X SPIKE CONCENTRATION.
N/C+ = NOT CALCULABLE
H = SAMPLE AND/OR DUPLICATE RESULT IS BELOW 5 X AEN REPORTING LIMIT AND THE ABSOLUTE DIFFERENCE BETWEEN THE RESULTS EXCEEDS THE AEN REPORTING LIMIT; THEREFORE, THE RESULTS ARE "OUT OF CONTROL".
A = SAMPLE AND DUPLICATE RESULTS ARE "OUT OF CONTROL".
Z = THE SAMPLE RESULT FOR THE SPIKE IS BELOW THE REPORTING LIMIT. HOWEVER, THIS RESULT IS REPORTED FOR ACCURATE QC CALCULATIONS.
NH= SAMPLE AND / OR DUPLICATE RESULT IS BELOW 5 X AEN REPORTING LIMIT AND THE ABSOLUTE DIFFERENCE BETWEEN THE RESULTS EXCEEDS THE AEN REPORTING LIMIT; THEREFORE, THE RESULTS ARE "OUT OF CONTROL". SAMPLE IS NON-HOMOGENEOUS.
(*) = DETECTION LIMITS RAISED DUE TO CLP METHOD NOT REQUIRING A CONCENTRATION STEP FOR CN.
(CA) = SEE CORRECTIVE ACTIONS FORM.
**= MATRIX INTERFERENCE
SW-846, 3rd Edition, latest EPA-approved edition.
EPA 600/4-79-020, Revised March 1983.
STANDARD METHODS, For the Examination of Water and Wastewater, latest EPA-approved edition.
NIOSH Manual of Analytical Methods, 4th Edition.
ANNUAL BOOK OF ASTM STANDARDS, VOLUMES 11.01 and 11.02, latest EPA-approved edition.
METHODS FOR THE DETERMINATION OF INORGANIC SUBSTANCES IN ENVIRONMENTAL SAMPLES, EPA600/R-93/100, AUGUST 1993
AEN-PN USES THE MOST CURRENT PROMULGATED METHODS FROM THE REFERENCES LISTED ABOVE.
METHODS FOR SOIL ANALYSIS, PART 2, CHEMICAL AND MICROBILOGICAL PROPERTIES, 2ND EDITION.

1. COLIFORM. COLIFORM PRECISION IS MEASURED BY THE ABSOLUTE DIFFERENCE BETWEEN THE LOGARITHM OF COLONIES PER 100 MLS OF SAMPLE ON DUPLICATE PLATES.
2. PH. PH PRECISION IS MEASURED BY THE ABSOLUTE DIFFERENCE BETWEEN THE SAMPLE AND DUPLICATE ANALYSIS.
3. FLASHPOINT. FLASHPOINT PRECISION IS MEASURED BY THE ABSOLUTE DIFFERENCE BETWEEN THE SAMPLE AND DUPLICATE ANALYSIS.

RPD = RELATIVE PERCENT DIFFERENCE (OR DEVIATION).
RPT LIMIT = REPORTING LIMITS BASED ON METHOD DETECTION LIMIT STUDIES.

DPH = DOLLY P. HWANG	RB = REBECCA BROWN	AB = ANDY BROTHERTON
JL = JAN LECLEAR	NSB = NANCY S. BUTLER	MM = MIKE MCKENZIE
ED = ESTHER DANTIN	LV = LASSANDRA VON APPEN	JTZ = JONATHAN T. ZIENTARSKI
PLD = PAULA L. DOUGHTY	RH = RICKY HAGENDORFER	

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	704461
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	704386
Project Name:	SPARTON
Project Location:	N/S
Test:	TOTAL ORGANIC CARBON
Analysis Method:	415.1/EPA-600/4-79-020,March 1983.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	II

Lab Id:	001	Sample Date/Time:	24-APR-97 0918
Client Sample Id:	704386-01	Received Date:	26-APR-97
Batch: TOW046		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	07-MAY-97

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC CARBON	MG/L	1	1	
ANALYST	INITIALS	LP		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	704461
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	704386
Project Name:	SPARTON
Project Location:	N/S
Test:	TOTAL ORGANIC CARBON
Analysis Method:	415.1/EPA-600/4-79-020,March 1983.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	II

Lab Id:	002	Sample Date/Time:	24-APR-97 0930
Client Sample Id:	704386-02	Received Date:	26-APR-97
Batch: TOW046		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	07-MAY-97

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC CARBON	MG/L	2	1	
ANALYST	INITIALS	LP		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	704461
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	704386
Project Name:	SPARTON
Project Location:	N/S
Test:	TOTAL ORGANIC CARBON
Analysis Method:	415.1/EPA-600/4-79-020,March 1983.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	II

Lab Id:	003	Sample Date/Time:	24-APR-97 1042
Client Sample Id:	704386-03	Received Date:	26-APR-97
Batch: TOW046		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	07-MAY-97

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC CARBON	MG/L	2	1	
ANALYST	INITIALS	LP		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	704461
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	704386
Project Name:	SPARTON
Project Location:	N/S
Test:	TOTAL ORGANIC CARBON
Analysis Method:	415.1/EPA-600/4-79-020,March 1983.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	II

Lab Id:	004	Sample Date/Time:	24-APR-97 1016
Client Sample Id:	704386-04	Received Date:	26-APR-97
Batch: TOW046		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	07-MAY-97

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC CARBON	MG/L	2	1	
ANALYST	INITIALS	LP		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	704461
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	704386
Project Name:	SPARTON
Project Location:	N/S
Test:	TOTAL ORGANIC CARBON
Analysis Method:	415.1/EPA-600/4-79-020,March 1983.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	II

Lab Id:	005	Sample Date/Time:	24-APR-97 1153
Client Sample Id:	704386-05	Received Date:	26-APR-97
Batch: TOW046		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	07-MAY-97

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC CARBON	MG/L	1	1	
ANALYST	INITIALS	LP		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	704461
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	704386
Project Name:	SPARTON
Project Location:	N/S
Test:	TOTAL ORGANIC CARBON
Analysis Method:	415.1/EPA-600/4-79-020,March 1983.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	II

Lab Id:	006	Sample Date/Time:	24-APR-97 1125
Client Sample Id:	704386-06	Received Date:	26-APR-97
Batch: TOW046		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	07-MAY-97

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC CARBON	MG/L	2	1	
ANALYST	INITIALS	LP		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	704461
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	704386
Project Name:	SPARTON
Project Location:	N/S
Test:	TOTAL ORGANIC CARBON
Analysis Method:	415.1/EPA-600/4-79-020,March 1983.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	II

Lab Id:	007	Sample Date/Time:	24-APR-97 1522
Client Sample Id:	704386-07	Received Date:	26-APR-97
Batch: TOW046		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	07-MAY-97

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC CARBON	MG/L	2	1	
ANALYST	INITIALS	LP		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	704461
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	704386
Project Name:	SPARTON
Project Location:	N/S
Test:	TOTAL ORGANIC CARBON
Analysis Method:	415.1/EPA-600/4-79-020,March 1983.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	II

Lab Id:	008	Sample Date/Time:	24-APR-97 0900
Client Sample Id:	704386-08	Received Date:	26-APR-97
Batch: TOW046		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	07-MAY-97

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC CARBON	MG/L	ND	1	
ANALYST	INITIALS	LP		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	704461
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	704386
Project Name:	SPARTON
Project Location:	N/S
Test:	TOTAL ORGANIC CARBON
Analysis Method:	415.1/EPA-600/4-79-020,March 1983.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	II

Lab Id:	009	Sample Date/Time:	17-APR-97 1520
Client Sample Id:	704386-09	Received Date:	26-APR-97
Batch: TOW046		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	07-MAY-97

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC CARBON	MG/L	ND	1	
ANALYST	INITIALS	LP		

Comments:

American Environmental Network, Inc.

"Method Report Summary"

Accession Number: 704461
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 704386
Project Name: SPARTON
Project Location: N/S
Test: TOTAL ORGANIC CARBON

Client Sample Id:	Parameter:	Unit:	Result:
704386-01	TOTAL ORGANIC CARBON	MG/L	1
704386-02	TOTAL ORGANIC CARBON	MG/L	2
704386-03	TOTAL ORGANIC CARBON	MG/L	2
704386-04	TOTAL ORGANIC CARBON	MG/L	2
704386-05	TOTAL ORGANIC CARBON	MG/L	1
704386-06	TOTAL ORGANIC CARBON	MG/L	2
704386-07	TOTAL ORGANIC CARBON	MG/L	2

American Environmental Network, Inc.

"QC Report"

Title: Water Blank
Batch: TOW046
Analysis Method: 415.1/EPA-600/4-79-020,March 1983.
Extraction Method: N/A

Blank Id: A Date Analyzed: 07-MAY-97 Date Extracted: N/A

Parameters:	Units:	Results:	Reporting Limits:
TOTAL ORGANIC CARBON	MG/L	ND	1
ANALYST	INITIALS	LP	

Comments:

American Environmental Network, Inc.

"QC Report"

Title: Water Reagent
Batch: TOW046
Analysis Method: 415.1/EPA-600/4-79-020,March 1983.
Extraction Method: N/A

RS Date Analyzed: 07-MAY-97
RSD Date Analyzed: 07-MAY-97

RS Date Extracted: N/A
RSD Date Extracted: N/A

Parameters:	Spike Added	Sample Conc	RS Conc	RS %Rec	RSD Conc	RSD %Rec	RPD	RPD Lmts	Rec Lmts
TOC	6.7	<1	6.4	96	6.5	97	1	30	71-127

Surrogates:

Comments:

Notes:
N/S = NOT SUBMITTED N/A = NOT APPLICABLE D = DILUTED OUT
MG/L = PARTS PER MILLION. < = LESS THAN REPORTING LIMIT.
* = VALUES OUTSIDE OF QUALITY CONTROL LIMITS.
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American Environmental Network, Inc.

"QC Report"

Title: Water Matrix
Batch: TOW046
Analysis Method: 415.1/EPA-600/4-79-020,March 1983.
Extraction Method: N/A

Dry Weight %: N/A
Sample Spiked: 704587-1

MS Date Analyzed: 09-MAY-97
MSD Date Analyzed: 09-MAY-97

MS Date Extracted: N/A
MSD Date Extracted: N/A

Parameters:	Spike Added	Sample Conc	MS Conc	MS %Rec	MSD Conc	MSD %Rec	RPD	RPD Lmts	Rec Lmts
TOC	6.7	1	8.3	109	8.5	112	3	30	51-135

Surrogates:

Comments:

Notes:
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MG/L = PARTS PER MILLION. < = LESS THAN REPORTING LIMIT.
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American Environmental Network, Inc.

Common notation for Organic reporting

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N/A = NOT APPLICABLE
D = DILUTED OUT
UG = MICROGRAMS
UG/L = PARTS PER BILLION.
UG/KG = PARTS PER BILLION.
MG/M3 = MILLIGRAM PER CUBIC METER.
PPMV = PART PER MILLION BY VOLUME.
MG/KG = PARTS PER MILLION.
MG/L = PARTS PER MILLION.
< = LESS THAN DETECTION LIMIT.
* = VALUES OUTSIDE OF QUALITY CONTROL LIMITS
Y = IMPROPER PRESERVATION, NO PRESERVATIVE PRESENT IN SAMPLE UPON RECEIPT.

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RPD = RELATIVE PERCENT DIFFERENCE (OR DEVIATION)

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AEN/GC/FIX
AEN GAS CHROMATOGRAPHIC METHOD FOR ANALYSIS OF FIXED GASES EMPLOYING DIRECT INJECTION ON COLUMN WITH THERMAL CONDUCTIVITY DETECTOR (TCD) AND FLAME IONIZATION DETECTOR (FID).

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AEN/GC/PID
AEN GAS CHROMATOGRAPHIC METHOD EMPLOYING DIRECT INJECTION ON COLUMN WITH PHOTOIONIZATION DETECTOR (PID).

AEN/GC/TCD
AEN GAS CHROMATOGRAPHIC METHOD EMPLOYING DIRECT INJECTION ON COLUMN WITH THERMAL CONDUCTIVITY DETECTOR (TCD).

SW-846 METHOD 9020
PARTICULATE MATTER IS REMOVED BY ALLOWING PARTICULATES TO SETTLE IN THE SAMPLE CONTAINER AND DECANTING THE SUPERNATANT LIQUID. EXCESSIVE PARTICULATES ARE REMOVED BY FILTRATION OF THE SUPERNATANT LIQUID.

AEN-PN USES THE MOST CURRENT PROMULGATED METHODS CONTAINED IN THE REFERENCE MANUALS.

SW = STEVE WILHITE
PL = PAUL LESCHENSKY
RW = ROBERT WOLFE
KS = KENDALL SMITH
KL = KERRY LEMONT
RP = ROB PEREZ
JBT = JENNIFER TORRANCE
LP = LAVERNE PETERSON
PLD = PAULA DOUGHTY

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession: 704461
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 704386
Project Name: SPARTON
Project Location: N/S
Test: TOTAL ORGANIC HALIDES IN WATER
Analysis Method: 9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: N/A
Matrix: WATER
QC Level: B

Lab Id: 001
Client Sample Id: 704386-01
Sample Date/Time: 24-APR-97 0918
Received Date: 26-APR-97

Batch: TXW022
Blank: A
Dry Weight %: N/A
Extraction Date: N/A
Analysis Date: 20-MAY-97

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC HALIDES	MG/L	0.01	0.01	
ANALYST	INITIALS	KL		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	704461
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	704386
Project Name:	SPARTON
Project Location:	N/S
Test:	TOTAL ORGANIC HALIDES IN WATER
Analysis Method:	9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	B

Lab Id:	002		Sample Date/Time:	24-APR-97 0930
Client Sample Id:	704386-02		Received Date:	26-APR-97
Batch: TXW022			Extraction Date:	N/A
Blank: A	Dry Weight %:	N/A	Analysis Date:	20-MAY-97

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC HALIDES	MG/L	ND	0.01	
ANALYST	INITIALS	KL		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	704461
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	704386
Project Name:	SPARTON
Project Location:	N/S
Test:	TOTAL ORGANIC HALIDES IN WATER
Analysis Method:	9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	B

Lab Id:	003	Sample Date/Time:	24-APR-97 1042
Client Sample Id:	704386-03	Received Date:	26-APR-97
Batch: TXW022		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	20-MAY-97

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC HALIDES	MG/L	0.78	0.01	
ANALYST	INITIALS	KL		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	704461
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	704386
Project Name:	SPARTON
Project Location:	N/S
Test:	TOTAL ORGANIC HALIDES IN WATER
Analysis Method:	9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	B

Lab Id:	004	Sample Date/Time:	24-APR-97 1016
Client Sample Id:	704386-04	Received Date:	26-APR-97
Batch: TXW022		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	20-MAY-97

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC HALIDES	MG/L	0.45	0.01	
ANALYST	INITIALS	KL		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	704461
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	704386
Project Name:	SPARTON
Project Location:	N/S
Test:	TOTAL ORGANIC HALIDES IN WATER
Analysis Method:	9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	B

Lab Id:	005	Sample Date/Time:	24-APR-97 1153
Client Sample Id:	704386-05	Received Date:	26-APR-97
Batch: TXW022		Extraction Date:	N/A
Blank: B	Dry Weight %: N/A	Analysis Date:	21-MAY-97

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC HALIDES	MG/L	0.08	0.01	
ANALYST	INITIALS	KL		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	704461
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	704386
Project Name:	SPARTON
Project Location:	N/S
Test:	TOTAL ORGANIC HALIDES IN WATER
Analysis Method:	9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	B

Lab Id:	006	Sample Date/Time:	24-APR-97 1125
Client Sample Id:	704386-06	Received Date:	26-APR-97
Batch: TXW022		Extraction Date:	N/A
Blank: B	Dry Weight %: N/A	Analysis Date:	21-MAY-97

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC HALIDES	MG/L	0.10	0.01	
ANALYST	INITIALS	KL		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	704461
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	704386
Project Name:	SPARTON
Project Location:	N/S
Test:	TOTAL ORGANIC HALIDES IN WATER
Analysis Method:	9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	B

Lab Id:	007	Sample Date/Time:	24-APR-97 1522
Client Sample Id:	704386-07	Received Date:	26-APR-97
Batch: TXW022		Extraction Date:	N/A
Blank: B	Dry Weight %: N/A	Analysis Date:	21-MAY-97

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC HALIDES	MG/L	3.6	0.01	
ANALYST	INITIALS	KL		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	704461
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	704386
Project Name:	SPARTON
Project Location:	N/S
Test:	TOTAL ORGANIC HALIDES IN WATER
Analysis Method:	9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	B

Lab Id:	008	Sample Date/Time:	24-APR-97 0900
Client Sample Id:	704386-08	Received Date:	26-APR-97
Batch: TXW022		Extraction Date:	N/A
Blank: B	Dry Weight %: N/A	Analysis Date:	21-MAY-97

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC HALIDES	MG/L	ND	0.01	
ANALYST	INITIALS	KL		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	704461
Client:	AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number:	704386
Project Name:	SPARTON
Project Location:	N/S
Test:	TOTAL ORGANIC HALIDES IN WATER
Analysis Method:	9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	B

Lab Id:	009	Sample Date/Time:	17-APR-97 1520
Client Sample Id:	704386-09	Received Date:	26-APR-97
Batch: TXW022		Extraction Date:	N/A
Blank: C	Dry Weight %: N/A	Analysis Date:	22-MAY-97

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC HALIDES	MG/L	ND	0.01	
ANALYST	INITIALS	KL		

Comments:

American Environmental Network, Inc.

"Method Report Summary"

Accession Number: 704461
Client: AMERICAN ENVIRONMENTAL NETWORK (NEW MEXICO) INC.
Project Number: 704386
Project Name: SPARTON
Project Location: N/S
Test: TOTAL ORGANIC HALIDES IN WATER

Client Sample Id:	Parameter:	Unit:	Result:
704386-01	TOTAL ORGANIC HALIDES	MG/L	0.01
704386-03	TOTAL ORGANIC HALIDES	MG/L	0.78
704386-04	TOTAL ORGANIC HALIDES	MG/L	0.45
704386-05	TOTAL ORGANIC HALIDES	MG/L	0.08
704386-06	TOTAL ORGANIC HALIDES	MG/L	0.10
704386-07	TOTAL ORGANIC HALIDES	MG/L	3.6

American Environmental Network, Inc.

"QC Report"

Title: Water Blank
Batch: TXW022
Analysis Method: 9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: N/A

Blank Id: A Date Analyzed: 20-MAY-97 Date Extracted: N/A

Parameters:	Units:	Results:	Reporting Limits:
TOTAL ORGANIC HALIDES	MG/L	ND	0.01
ANALYST	INITIALS	KL	

Comments:
NOT ENOUGH SAMPLE SUBMITTED TO EXTRACT
MATRIX SPIKE/MATRIX SPIKE DUPLICATE.

American Environmental Network, Inc.

"QC Report"

Title: Water Blank
Batch: TXW022
Analysis Method: 9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: N/A

Blank Id: B Date Analyzed: 21-MAY-97 Date Extracted: N/A

Parameters:	Units:	Results:	Reporting Limits:
TOTAL ORGANIC HALIDES	MG/L	ND	0.01
ANALYST	INITIALS	KL	

Comments:
NOT ENOUGH SAMPLE SUBMITTED TO EXTRACT
MATRIX SPIKE/MATRIX SPIKE DUPLICATE.

American Environmental Network, Inc.

"QC Report"

Title: Water Blank
Batch: TXW022
Analysis Method: 9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: N/A

Blank Id: C Date Analyzed: 22-MAY-97 Date Extracted: N/A

Parameters:	Units:	Results:	Reporting Limits:
TOTAL ORGANIC HALIDES	MG/L	ND	0.01
ANALYST	INITIALS	KL	

Comments:
NOT ENOUGH SAMPLE SUBMITTED TO EXTRACT
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American Environmental Network, Inc.

GAS CHROMOTOGRAPHY RESULTS

TEST : PURGEABLE HALOCARBONS (EPA 8010)
CLIENT : SPARTON TECHNOLOGY, INC. AEN I.D.: 704386
PROJECT # : 42497
PROJECT NAME : 2Q97-AGMP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	MW-19	AQUEOUS	2/24/97	NA	4/26/97	1
02	MW-20	AQUEOUS	4/24/97	NA	4/26/97	1
03	MW-14	AQUEOUS	4/24/97	NA	4/26/97	1

PARAMETER	DET. LIMIT	UNITS	01	02	03
BROMODICHLORMETHANE	0.2	UG/L	< 0.2	< 0.2	< 0.2
BROMOFORM	0.5	UG/L	< 0.5	< 0.5	< 0.5
BROMOMETHANE	1.0	UG/L	< 1.0	< 1.0	< 1.0
CARBON TETRACHLORIDE	0.2	UG/L	< 0.2	< 0.2	< 0.2
CHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
CHLOROETHANE	0.5	UG/L	< 0.5	< 0.5	< 0.5
CHLOROFORM	0.5	**UG/L**	< 0.5	< 0.5	**2.7**
CHLOROMETHANE	1.0	UG/L	< 1.0	< 1.0	< 1.0
DIBROMOCHLOROMETHANE	0.2	UG/L	< 0.2	< 0.2	< 0.2
1,2-DIBROMOETHANE (EDB)	0.2	UG/L	< 0.2	< 0.2	< 0.2
1,2-DICHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
1,3-DICHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
1,4-DICHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHANE	0.3	**UG/L**	< 0.3	< 0.3	< 0.5 (D1)
1,2-DICHLOROETHANE (EDC)	0.5	UG/L	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHENE	0.2	**UG/L**	**0.6**	< 0.2	**33 (D5)**
cis-1,2-DICHLOROETHENE	0.2	UG/L	< 0.2	< 0.2	< 0.2
trans-1,2-DICHLOROETHENE	1.0	UG/L	< 1.0	< 1.0	< 1.0
1,2-DICHLOROPROPANE	0.2	UG/L	< 0.2	< 0.2	< 0.2
cis-1,3-DICHLOROPROPENE	0.2	UG/L	< 0.2	< 0.2	< 0.2
trans-1,3-DICHLOROPROPENE	0.2	UG/L	< 0.2	< 0.2	< 0.2
METHYLENE CHLORIDE	2.0	UG/L	< 2.0	< 2.0	< 2.0
1,1,2,2-TETRACHLOROETHANE	0.5	UG/L	< 0.5	< 0.5	< 0.5
TETRACHLOROETHENE	0.5	**UG/L**	< 0.5	< 0.5	**1.9 (D1)**
1,1,1-TRICHLOROETHANE	1.0	**UG/L**	< 1.0	< 1.0	**8.1 (D1)**
1,1,2-TRICHLOROETHANE	0.2	**UG/L**	< 0.2	< 0.2	**0.9 (D1)**
TRICHLOROETHENE	0.3	**UG/L**	**9.4**	< 0.3	**570 (D100)**
TRICHLOROFLUOROMETHANE	0.2	UG/L	< 0.2	< 0.2	< 0.2
VINYL CHLORIDE	0.5	UG/L	< 0.5	< 0.5	< 0.5
SURROGATE:					
BROMOCHLOROMETHANE (%)			102	107	99
SURROGATE LIMITS	(73 - 117)				

CHEMIST NOTES:
(D1) 1X ANALYZED 4/29/97
(D5) 5X ANALYZED 5/2/97
(D100) 100X ANALYZED 5/5/97

American Environmental Network, Inc.

GAS CHROMOTOGRAPHY RESULTS

TEST : PURGEABLE HALOCARBONS (EPA 8010)
CLIENT : SPARTON TECHNOLOGY, INC. AEN I.D.: 704386
PROJECT # : 42497
PROJECT NAME : 2Q97-AGMP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	MW-9	AQUEOUS	4/24/97	NA	4/27/97	1
05	MW-22	AQUEOUS	4/24/97	NA	4/27/97	1
06	MW-21	AQUEOUS	4/24/97	NA	4/29/97	5

PARAMETER	DET. LIMIT	UNITS	04	05	06
BROMODICHLORMETHANE	0.2	UG/L	< 0.2	< 0.2	< 1.0
BROMOFORM	0.5	UG/L	< 0.5	< 0.5	< 2.5
BROMOMETHANE	1.0	UG/L	< 1.0	< 1.0	< 5.0
CARBON TETRACHLORIDE	0.2	UG/L	< 0.2	< 0.2	< 1.0
CHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 2.5
CHLOROETHANE	0.5	UG/L	< 0.5	< 0.5	< 2.5
CHLOROFORM	0.5	**UG/L**	**2.3**	**0.5**	< 2.5
CHLOROMETHANE	1.0	UG/L	< 1.0	< 1.0	< 5.0
DIBROMOCHLOROMETHANE	0.2	UG/L	< 0.2	< 0.2	< 1.0
1,2-DIBROMOETHANE (EDB)	0.2	UG/L	< 0.2	< 0.2	< 1.0
1,2-DICHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 2.5
1,3-DICHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 2.5
1,4-DICHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 2.5
1,1-DICHLOROETHANE	0.3	**UG/L**	**2.2 (D1)**	< 0.3	< 1.5
1,2-DICHLOROETHANE (EDC)	0.5	UG/L	< 0.5	< 0.5	< 2.5
1,1-DICHLOROETHENE	0.2	**UG/L**	**99 (D10)**	**11**	**2.8**
cis-1,2-DICHLOROETHENE	0.2	UG/L	< 0.2	< 0.2	< 1.0
trans-1,2-DICHLOROETHENE	1.0	UG/L	< 1.0	< 1.0	< 5.0
1,2-DICHLOROPROPANE	0.2	UG/L	< 0.2	< 0.2	< 1.0
cis-1,3-DICHLOROPROPENE	0.2	UG/L	< 0.2	< 0.2	< 1.0
trans-1,3-DICHLOROPROPENE	0.2	UG/L	< 0.2	< 0.2	< 1.0
METHYLENE CHLORIDE	2.0	**UG/L**	**110 J D(100)**	< 2.0	< 10.0
1,1,2,2-TETRACHLOROETHANE	0.5	UG/L	< 0.5	< 0.5	< 2.5
TETRACHLOROETHENE	0.5	**UG/L**	**2.5**	**1.1**	< 2.5
1,1,1-TRICHLOROETHANE	1.0	**UG/L**	**100 (D10)**	**37 (D5)**	**34 (D5)**
1,1,2-TRICHLOROETHANE	0.2	**UG/L**	**0.8**	< 0.2	< 1.0
TRICHLOROETHENE	0.3	**UG/L**	**580 (D100)**	**74 (D5)**	**99 (D5)**
TRICHLOROFLUOROMETHANE	0.2	UG/L	< 0.2	< 0.2	< 1.0
VINYL CHLORIDE	0.5	UG/L	< 0.5	< 0.5	< 2.5
SURROGATE:					
BROMOCHLOROMETHANE (%)			109	105	109
SURROGATE LIMITS	(73 - 117)				

CHEMIST NOTES:
(D10) 10X ANALYZED 4/28/97
(D100) 100X ANALYZED 4/29/96
(D5) ANALYZED 4/29/97
(D1) 1X ANALYZED 4/29/97

J = COMPOUND OF INTEREST IS PRESENT BUT BELOW DETECTION LIMIT

American Environmental Network, Inc.

GAS CHROMOTOGRAPHY RESULTS

TEST : PURGEABLE HALOCARBONS (EPA 8010)
CLIENT : SPARTON TECHNOLOGY, INC. AEN I.D.: 704386
PROJECT # : 42497
PROJECT NAME : 2Q97-AGMP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
07	MW-16	AQUEOUS	4/24/97	NA	4/29/97	1
08	PZ-2	AQUEOUS	4/24/97	NA	5/2/97	1
09	TRIP BLANK	AQUEOUS	4/17/97	NA	4/29/97	1

PARAMETER	DET. LIMIT	UNITS	07	08	09
BROMODICHLORMETHANE	0.2	UG/L	< 0.2	< 0.2	< 0.2
BROMOFORM	0.5	UG/L	< 0.5	< 0.5	< 0.5
BROMOMETHANE	1.0	UG/L	< 1.0	< 1.0	< 1.0
CARBON TETRACHLORIDE	0.2	UG/L	< 0.2	< 0.2	< 0.2
CHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
CHLOROETHANE	0.5	UG/L	< 0.5	< 0.5	< 0.5
CHLOROFORM	0.5	**UG/L**	**3.0**	**4.2**	< 0.5
CHLOROMETHANE	1.0	UG/L	< 1.0	< 1.0	< 1.0
DIBROMOCHLOROMETHANE	0.2	UG/L	< 0.2	< 0.2	< 0.2
1,2-DIBROMOETHANE (EDB)	0.2	UG/L	< 0.2	< 0.2	< 0.2
1,2-DICHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
1,3-DICHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
1,4-DICHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHANE	0.3	UG/L	**2.1**	< 0.3	< 0.3
1,2-DICHLOROETHANE (EDC)	0.5	UG/L	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHENE	0.2	**UG/L**	**82(D100)**	< 0.2	< 0.2
cis-1,2-DICHLOROETHENE	0.2	**UG/L**	**0.2**	< 0.2	< 0.2
trans-1,2-DICHLOROETHENE	1.0	UG/L	< 1.0	< 1.0	< 1.0
1,2-DICHLOROPROPANE	0.2	UG/L	< 0.2	< 0.2	< 0.2
cis-1,3-DICHLOROPROPENE	0.2	UG/L	< 0.2	< 0.2	< 0.2
trans-1,3-DICHLOROPROPENE	0.2	UG/L	< 0.2	< 0.2	< 0.2
METHYLENE CHLORIDE	2.0	UG/L	< 2.0	< 2.0	< 2.0
1,1,2,2-TETRACHLOROETHANE	0.5	UG/L	< 0.5	< 0.5	< 0.5
TETRACHLOROETHENE	0.5	**UG/L**	**90 (D100)**	< 0.5	< 0.5
1,1,1-TRICHLOROETHANE	1.0	**UG/L**	**1200 (D100)**	< 1.0	< 1.0
1,1,2-TRICHLOROETHANE	0.2	UG/L	< 0.2	< 0.2	< 0.2
TRICHLOROETHENE	0.3	**UG/L**	**5300(D1000)**	**19 (D10)**	< 0.3
TRICHLOROFLUOROMETHANE	0.2	UG/L	< 0.2	< 0.2	< 0.2
VINYL CHLORIDE	0.5	UG/L	< 0.5	< 0.5	< 0.5
SURROGATE:					
BROMOCHLOROMETHANE (%)			89	107	108
SURROGATE LIMITS	(73 - 117)				

CHEMIST NOTES:
(D10) 10X ANALYZED 4/29/97
(D100) 100X ANALYZED 5/2/97
(D1000) 1000X ANALYZED 5/7/97

American Environmental Network, Inc.

GAS CHROMOTOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8010		
BLANK I.D.	: 042697	AEN I.D.	: 704386
CLIENT	: SPARTON TECHNOLOGY, INC.	DATE EXTRACTED	: N/A
PROJECT #	: 42497	DATE ANALYZED	: 4/26/97
PROJECT NAME	: 2Q97-AGMP	SAMPLE MATRIX	: AQUEOUS

PARAMETER	UNITS	
BROMODICHLORMETHANE	UG/L	<0.2
BROMOFORM	UG/L	<0.5
BROMOMETHANE	UG/L	<1.0
CARBON TETRACHLORIDE	UG/L	<0.2
CHLOROBENZENE	UG/L	<0.5
CHLOROETHANE	UG/L	<0.5
CHLOROFORM	UG/L	<0.5
CHLOROMETHANE	UG/L	<1.0
DIBROMOCHLOROMETHANE	UG/L	<0.2
1,2-DIBROMOETHANE (EDB)	UG/L	<0.2
1,2-DICHLOROBENZENE	UG/L	<0.5
1,3-DICHLOROBENZENE	UG/L	<0.5
1,4-DICHLOROBENZENE	UG/L	<0.5
1,1-DICHLOROETHANE	UG/L	<0.3
1,2-DICHLOROETHANE (EDC)	UG/L	<0.5
1,1-DICHLOROETHENE	UG/L	<0.2
cis-1,2-DICHLOROETHENE	UG/L	<0.2
trans-1,2-DICHLOROETHENE	UG/L	<1.0
1,2-DICHLOROPROPANE	UG/L	<0.2
cis-1,3-DICHLOROPROPENE	UG/L	<0.2
trans-1,3-DICHLOROPROPENE	UG/L	<0.2
METHYLENE CHLORIDE	UG/L	<2.0
1,1,2,2-TETRACHLOROETHANE	UG/L	<0.5
TETRACHLOROETHENE	UG/L	<0.5
1,1,1-TRICHLOROETHANE	UG/L	<1.0
1,1,2-TRICHLOROETHANE	UG/L	<0.2
TRICHLOROETHENE	UG/L	<0.3
TRICHLOROFLUOROMETHANE	UG/L	<0.2
VINYL CHLORIDE	UG/L	<0.5

SURROGATE:

BROMOCHLOROMETHANE (%)		101
SURROGATE LIMITS	(73 - 117)	

CHEMIST NOTES:
N/A

American Environmental Network, Inc.

GAS CHROMOTOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8010		
BLANK I.D.	: 042697B	AEN I.D.	: 704386
CLIENT	: SPARTON TECHNOLOGY, INC.	DATE EXTRACTED	: N/A
PROJECT #	: 42497	DATE ANALYZED	: 4/26/97
PROJECT NAME	: 2Q97-AGMP	SAMPLE MATRIX	: AQUEOUS

PARAMETER	UNITS	
BROMODICHLORMETHANE	UG/L	<0.2
BROMOFORM	UG/L	<0.5
BROMOMETHANE	UG/L	<1.0
CARBON TETRACHLORIDE	UG/L	<0.2
CHLOROBENZENE	UG/L	<0.5
CHLOROETHANE	UG/L	<0.5
CHLOROFORM	UG/L	<0.5
CHLOROMETHANE	UG/L	<1.0
DIBROMOCHLOROMETHANE	UG/L	<0.2
1,2-DIBROMOETHANE (EDB)	UG/L	<0.2
1,2-DICHLOROBENZENE	UG/L	<0.5
1,3-DICHLOROBENZENE	UG/L	<0.5
1,4-DICHLOROBENZENE	UG/L	<0.5
1,1-DICHLOROETHANE	UG/L	<0.3
1,2-DICHLOROETHANE (EDC)	UG/L	<0.5
1,1-DICHLOROETHENE	UG/L	<0.2
cis-1,2-DICHLOROETHENE	UG/L	<0.2
trans-1,2-DICHLOROETHENE	UG/L	<1.0
1,2-DICHLOROPROPANE	UG/L	<0.2
cis-1,3-DICHLOROPROPENE	UG/L	<0.2
trans-1,3-DICHLOROPROPENE	UG/L	<0.2
METHYLENE CHLORIDE	UG/L	<2.0
1,1,2,2-TETRACHLOROETHANE	UG/L	<0.5
TETRACHLOROETHENE	UG/L	<0.5
1,1,1-TRICHLOROETHANE	UG/L	<1.0
1,1,2-TRICHLOROETHANE	UG/L	<0.2
TRICHLOROETHENE	UG/L	<0.3
TRICHLOROFLUOROMETHANE	UG/L	<0.2
VINYL CHLORIDE	UG/L	<0.5

SURROGATE:

BROMOCHLOROMETHANE (%)		99
SURROGATE LIMITS	(73 - 117)	

CHEMIST NOTES:

American Environmental Network, Inc.

GAS CHROMOTOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8010		
BLANK I.D.	: 042897	AEN I.D.	: 704386
CLIENT	: SPARTON TECHNOLOGY, INC.	DATE EXTRACTED	: N/A
PROJECT #	: 42497	DATE ANALYZED	: 4/28/97
PROJECT NAME	: 2Q97-AGMP	SAMPLE MATRIX	: AQUEOUS

PARAMETER	UNITS	
BROMODICHLORMETHANE	UG/L	<0.2
BROMOFORM	UG/L	<0.5
BROMOMETHANE	UG/L	<1.0
CARBON TETRACHLORIDE	UG/L	<0.2
CHLOROBENZENE	UG/L	<0.5
CHLOROETHANE	UG/L	<0.5
CHLOROFORM	UG/L	<0.5
CHLOROMETHANE	UG/L	<1.0
DIBROMOCHLOROMETHANE	UG/L	<0.2
1,2-DIBROMOETHANE (EDB)	UG/L	<0.2
1,2-DICHLOROBENZENE	UG/L	<0.5
1,3-DICHLOROBENZENE	UG/L	<0.5
1,4-DICHLOROBENZENE	UG/L	<0.5
1,1-DICHLOROETHANE	UG/L	<0.3
1,2-DICHLOROETHANE (EDC)	UG/L	<0.5
1,1-DICHLOROETHENE	UG/L	<0.2
cis-1,2-DICHLOROETHENE	UG/L	<0.2
trans-1,2-DICHLOROETHENE	UG/L	<1.0
1,2-DICHLOROPROPANE	UG/L	<0.2
cis-1,3-DICHLOROPROPENE	UG/L	<0.2
trans-1,3-DICHLOROPROPENE	UG/L	<0.2
METHYLENE CHLORIDE	UG/L	<2.0
1,1,2,2-TETRACHLOROETHANE	UG/L	<0.5
TETRACHLOROETHENE	UG/L	<0.5
1,1,1-TRICHLOROETHANE	UG/L	<1.0
1,1,2-TRICHLOROETHANE	UG/L	<0.2
TRICHLOROETHENE	UG/L	<0.3
TRICHLOROFLUOROMETHANE	UG/L	<0.2
VINYL CHLORIDE	UG/L	<0.5

SURROGATE:

BROMOCHLOROMETHANE (%)		105
SURROGATE LIMITS	(73 - 117)	

CHEMIST NOTES:
N/A
N/A

American Environmental Network, Inc.

REAGENT BLANK

TEST	: EPA 8010		
BLANK I.D.	: 042997	AEN I.D.	: 704386
CLIENT	: SPARTON TECHNOLOGY, INC.	DATE EXTRACTED	: N/A
PROJECT #	: 42497	DATE ANALYZED	: 4/29/97
PROJECT NAME	: 2Q97-AGMP	SAMPLE MATRIX	: AQUEOUS

PARAMETER	UNITS	
BROMODICHLORMETHANE	UG/L	<0.2
BROMOFORM	UG/L	<0.5
BROMOMETHANE	UG/L	<1.0
CARBON TETRACHLORIDE	UG/L	<0.2
CHLOROBENZENE	UG/L	<0.5
CHLOROETHANE	UG/L	<0.5
CHLOROFORM	UG/L	<0.5
CHLOROMETHANE	UG/L	<1.0
DIBROMOCHLOROMETHANE	UG/L	<0.2
1,2-DIBROMOETHANE (EDB)	UG/L	<0.2
1,2-DICHLOROBENZENE	UG/L	<0.5
1,3-DICHLOROBENZENE	UG/L	<0.5
1,4-DICHLOROBENZENE	UG/L	<0.5
1,1-DICHLOROETHANE	UG/L	<0.3
1,2-DICHLOROETHANE (EDC)	UG/L	<0.5
1,1-DICHLOROETHENE	UG/L	<0.2
cis-1,2-DICHLOROETHENE	UG/L	<0.2
trans-1,2-DICHLOROETHENE	UG/L	<1.0
1,2-DICHLOROPROPANE	UG/L	<0.2
cis-1,3-DICHLOROPROPENE	UG/L	<0.2
trans-1,3-DICHLOROPROPENE	UG/L	<0.2
METHYLENE CHLORIDE	UG/L	<2.0
1,1,2,2-TETRACHLOROETHANE	UG/L	<0.5
TETRACHLOROETHENE	UG/L	<0.5
1,1,1-TRICHLOROETHANE	UG/L	<1.0
1,1,2-TRICHLOROETHANE	UG/L	<0.2
TRICHLOROETHENE	UG/L	<0.3
TRICHLOROFLUOROMETHANE	UG/L	<0.2
VINYL CHLORIDE	UG/L	<0.5

SURROGATE:

BROMOCHLOROMETHANE (%)		111
SURROGATE LIMITS	(73 - 117)	

CHEMIST NOTES:

N/A

American Environmental Network, Inc.

REAGENT BLANK

TEST	: EPA 8010		
BLANK I.D.	: 050297B	AEN I.D.	: 704386
CLIENT	: SPARTON TECHNOLOGY, INC.	DATE EXTRACTED	: N/A
PROJECT #	: 42497	DATE ANALYZED	: 5/2/97
PROJECT NAME	: 2Q97-AGMP	SAMPLE MATRIX	: AQUEOUS

PARAMETER	UNITS	
BROMODICHLORMETHANE	UG/L	<0.2
BROMOFORM	UG/L	<0.5
BROMOMETHANE	UG/L	<1.0
CARBON TETRACHLORIDE	UG/L	<0.2
CHLOROBENZENE	UG/L	<0.5
CHLOROETHANE	UG/L	<0.5
CHLOROFORM	UG/L	<0.5
CHLOROMETHANE	UG/L	<1.0
DIBROMOCHLOROMETHANE	UG/L	<0.2
1,2-DIBROMOETHANE (EDB)	UG/L	<0.2
1,2-DICHLOROBENZENE	UG/L	<0.5
1,3-DICHLOROBENZENE	UG/L	<0.5
1,4-DICHLOROBENZENE	UG/L	<0.5
1,1-DICHLOROETHANE	UG/L	<0.3
1,2-DICHLOROETHANE (EDC)	UG/L	<0.5
1,1-DICHLOROETHENE	UG/L	<0.2
cis-1,2-DICHLOROETHENE	UG/L	<0.2
trans-1,2-DICHLOROETHENE	UG/L	<1.0
1,2-DICHLOROPROPANE	UG/L	<0.2
cis-1,3-DICHLOROPROPENE	UG/L	<0.2
trans-1,3-DICHLOROPROPENE	UG/L	<0.2
METHYLENE CHLORIDE	UG/L	<2.0
1,1,2,2-TETRACHLOROETHANE	UG/L	<0.5
TETRACHLOROETHENE	UG/L	<0.5
1,1,1-TRICHLOROETHANE	UG/L	<1.0
1,1,2-TRICHLOROETHANE	UG/L	<0.2
TRICHLOROETHENE	UG/L	<0.3
TRICHLOROFLUOROMETHANE	UG/L	<0.2
VINYL CHLORIDE	UG/L	<0.5

SURROGATE:

BROMOCHLOROMETHANE (%)		103
SURROGATE LIMITS	(73 - 117)	

CHEMIST NOTES:

N/A

American Environmental Network, Inc.

REAGENT BLANK

TEST	: EPA 8010		
BLANK I.D.	: 050597	AEN I.D.	: 704386
CLIENT	: SPARTON TECHNOLOGY, INC.	DATE EXTRACTED	: N/A
PROJECT #	: 42497	DATE ANALYZED	: 5/5/97
PROJECT NAME	: 2Q97-AGMP	SAMPLE MATRIX	: AQUEOUS

PARAMETER	UNITS	
BROMODICHLORMETHANE	UG/L	<0.2
BROMOFORM	UG/L	<0.5
BROMOMETHANE	UG/L	<1.0
CARBON TETRACHLORIDE	UG/L	<0.2
CHLOROBENZENE	UG/L	<0.5
CHLOROETHANE	UG/L	<0.5
CHLOROFORM	UG/L	<0.5
CHLOROMETHANE	UG/L	<1.0
DIBROMOCHLOROMETHANE	UG/L	<0.2
1,2-DIBROMOETHANE (EDB)	UG/L	<0.2
1,2-DICHLOROBENZENE	UG/L	<0.5
1,3-DICHLOROBENZENE	UG/L	<0.5
1,4-DICHLOROBENZENE	UG/L	<0.5
1,1-DICHLOROETHANE	UG/L	<0.3
1,2-DICHLOROETHANE (EDC)	UG/L	<0.5
1,1-DICHLOROETHENE	UG/L	<0.2
cis-1,2-DICHLOROETHENE	UG/L	<0.2
trans-1,2-DICHLOROETHENE	UG/L	<1.0
1,2-DICHLOROPROPANE	UG/L	<0.2
cis-1,3-DICHLOROPROPENE	UG/L	<0.2
trans-1,3-DICHLOROPROPENE	UG/L	<0.2
METHYLENE CHLORIDE	UG/L	<2.0
1,1,2,2-TETRACHLOROETHANE	UG/L	<0.5
TETRACHLOROETHENE	UG/L	<0.5
1,1,1-TRICHLOROETHANE	UG/L	<1.0
1,1,2-TRICHLOROETHANE	UG/L	<0.2
TRICHLOROETHENE	UG/L	<0.3
TRICHLOROFLUOROMETHANE	UG/L	<0.2
VINYL CHLORIDE	UG/L	<0.5

SURROGATE:

BROMOCHLOROMETHANE (%)		112
SURROGATE LIMITS	(73 - 117)	

CHEMIST NOTES:

N/A

American Environmental Network, Inc.

REAGENT BLANK

TEST	: EPA 8010		
BLANK I.D.	: 050797	AEN I.D.	: 704386
CLIENT	: SPARTON TECHNOLOGY, INC.	DATE EXTRACTED	: N/A
PROJECT #	: 42497	DATE ANALYZED	: 5/7/97
PROJECT NAME	: 2Q97-AGMP	SAMPLE MATRIX	: AQUEOUS

PARAMETER	UNITS	
BROMODICHLORMETHANE	UG/L	<0.2
BROMOFORM	UG/L	<0.5
BROMOMETHANE	UG/L	<1.0
CARBON TETRACHLORIDE	UG/L	<0.2
CHLOROBENZENE	UG/L	<0.5
CHLOROETHANE	UG/L	<0.5
CHLOROFORM	UG/L	<0.5
CHLOROMETHANE	UG/L	<1.0
DIBROMOCHLOROMETHANE	UG/L	<0.2
1,2-DIBROMOETHANE (EDB)	UG/L	<0.2
1,2-DICHLOROBENZENE	UG/L	<0.5
1,3-DICHLOROBENZENE	UG/L	<0.5
1,4-DICHLOROBENZENE	UG/L	<0.5
1,1-DICHLOROETHANE	UG/L	<0.3
1,2-DICHLOROETHANE (EDC)	UG/L	<0.5
1,1-DICHLOROETHENE	UG/L	<0.2
cis-1,2-DICHLOROETHENE	UG/L	<0.2
trans-1,2-DICHLOROETHENE	UG/L	<1.0
1,2-DICHLOROPROPANE	UG/L	<0.2
cis-1,3-DICHLOROPROPENE	UG/L	<0.2
trans-1,3-DICHLOROPROPENE	UG/L	<0.2
METHYLENE CHLORIDE	UG/L	<2.0
1,1,2,2-TETRACHLOROETHANE	UG/L	<0.5
TETRACHLOROETHENE	UG/L	<0.5
1,1,1-TRICHLOROETHANE	UG/L	<1.0
1,1,2-TRICHLOROETHANE	UG/L	<0.2
TRICHLOROETHENE	UG/L	<0.3
TRICHLOROFLUOROMETHANE	UG/L	<0.2
VINYL CHLORIDE	UG/L	<0.5

SURROGATE:

BROMOCHLOROMETHANE (%)		110
SURROGATE LIMITS	(73 - 117)	

CHEMIST NOTES:

N/A

American Environmental Network, Inc.

GAS CHROMOTOGRAPHY - QUALITY CONTROL
MSMSD

TEST	: PURGEABLE HALOCARBONS (EPA 8010)		
MSMSD #	: 704386-02	AEN I.D.	: 704386
CLIENT	: SPARTON TECHNOLOGY, INC.	DATE EXRACTED	: 4/28/97
PROJECT #	: 42497	DATE ANALYZED	: 4/28/97
PROJECT NAME	: 2Q97-AGMP	SAMPLE MATRIX	: AQUEOUS
		UNITS	: UG/L

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
CHLOROBENZENE	<0.5	10.0	12.3	123	12.0	120	2	(87 - 124)	20
1,1-DICHLOROETHENE	<0.2	10.0	9.0	90	9.6	96	6	(44 - 99)	20
TRICHLOROETHENE	<0.3	10.0	11.1	111	11.4	114	3	(89 - 127)	20

CHEMIST NOTES:
N/A

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

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

American Environmental Network (NM), Inc.
Albuquerque • Phoenix • Pensacola • Portland • Pleasant Hills • Columbia

CHAIN OF CUSTODY

DATE: 4-24-97 PAGE: 1 OF 1

AEN LAB ID:

PROJECT MANAGER: John M. Wakefield
COMPANY: SPARTON TECHNOLOGY, INC.
ADDRESS: 9621 Coors Rd., NW
Albuquerque, NM 87114
PHONE: (505) 892-5300
FAX: (505) 892-5515
BILL TO: John M. Wakefield
COMPANY: SPARTON TEHNOLOGY, INC.
ADDRESS: 4901 Rockaway Blvd., NE
Rio Rancho, NM 87124

ANALYSIS REQUEST

SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct/Inject		(M8015) Gas/Purge & Trap	Gasoline/BTEX & MTBE (M8015/8020)	BTXE/MTBE (8020)	BTEX & Chlorinated Aromatics (602/8020)	BTEX/MTBE/EDC & EDB (8020/8010/Short)	Chlorinated Hydrocarbons (601/8010)	TOX	504 EDB [ ] / DBCP [ ]	Polynuclear Aromatics (610/8310)	Volatile Organics (624/8240) GC/MS	Volatile Organics (8260) GC/MS	TOC	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral/Acid Compounds GC/MS (625/8270)	pH	General Chemistry:	Specific Conductance		Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method 1311)	Metals:	007250
MW-19	4-24-97	0918	H_2O										X	X					X				X		X							
MW-20	"	0930	"										X	X					X				X		X							
MW-14	"	1042	"										X	X					X				X		X							
MW-9	"	1016	"										X	X					X				X		X							
MW-22	"	1153	"										X	X					X				X		X							
MW-21	"	~~1016~~ 1125	"										X	X					X				X		X							
MW-16	"	1522	"										X	X					X				X		X							
PZ-2	4-24-97	0900	"										X	X					X				X		X							
Trip Blank	4-17-97	1520	"										X	X					X				X		X							
~~MW-~~		~~1016~~																														

This space Blank

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT INFORMATION

PROJ. NO.: 042497
PROJ. NAME: 2Q97-AGWP
P.O. NO.: 50650-02-06
SHIPPED VIA: Delivered

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) [ ] 24hr [ ] 48hr [ ] 72hr [ ] 1 WEEK (NORMAL) [X]
CERTIFICATION REQUIRED: [ ] NM [ ] SDWA [ ] OTHER
METHANOL PRESERVATION [ ]
COMMENTS: FIXED FEE [ ]

C of C Seals on cooler

Flow field

RELINQUISHED BY:
Signature: John M. Wakefield Time: 1536
Printed Name: John Wakefield Date: 4-24-97
Company: S.T.I. 892-5300

RELINQUISHED BY:
Signature: Don Gutierrez Time: 1650
Printed Name: Don A. Gutierrez Date: 4-24-97
Company: STI

RECEIVED BY:
Signature: Don Gutierrez Time: 1536
Printed Name: Don Gutierrez Date: 4-24-97
Company: STI

American Environmental Network
Albuquerque, New Mexico

Interlab Chain of Custody

DATE: 04-25-97 PAGE: ___ OF ___

NETWORK PROJECT MANAGER: KIMBERLY D. McNEILL

COMPANY: American Environmental Network
ADDRESS: 2709-D Pan American Freeway, NE
Albuquerque, NM 87107

704461

CLIENT PROJECT MANAGER: Kim McNeill

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals - TAL	Metals - PP List	Metals - RCRA	RCRA Metals by TCLP (1311)			TOX	TOC	Gen Chemistry	Conductance		Oil and Grease	BOD	COD	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)	8240 (TCLP 1311) ZHE	8270 (TCLP 1311)			TC-14	Gross Alpha/Beta		007251		NUMBER OF CONTAINERS
704386 - 01	4/24/97	9:18	AQ								X	X		X																			
-02		9:30									X	X		X																			
-03		10 42									X	X		X																			
-04		1016									X	X		X																			
-05		1153									X	X		X																			
-06		1125									X	X		X																			
-07		1522									X	X		X																			
-08		0900									X	X		X																			
-09	04/17/97	1520									X	X		X																			

PROJECT INFORMATION	
PROJECT NUMBER:	704386
PROJECT NAME:	Sparton
QC LEVEL:	STD IV
QC REQUIRED:	MS MSD BLANK
TAT	STANDARD RUSH
DUE DATE:	04-05-07-97
RUSH SURCHARGE:	
CLIENT DISCOUNT:	
SPECIAL CERTIFICATION REQUIRED:	☐ YES ☐ NO

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	
CHAIN OF CUSTODY SEALS	
INTACT?	
RECEIVED GOOD COND./COLD	
LAB NUMBER	

SAMPLES SENT TO:	
SAN DIEGO	
Paragon	
RENTON	
PENSACOLA	X
PORTLAND	
PHOENIX	

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
Signature: Time: 1700	Signature: Time
Printed Name: Brian Price Date: 04-25-97	Printed Name: Date
Albuquerque NM	Company:
RECEIVED BY: 1.	**RECEIVED BY: (LAB) 2.**
Signature: Linda Kilt Time: 1000	Signature: Time:
Printed Name: Linda Kilt Date: 4/26/97	Printed Name: Date:
Company: AEN/71	Company:

American Environmental Network of Florida
PROJECT SAMPLE INSPECTION FORM

Lab Accession #: 704461 Date Received: 26-APR-97

1. Was there a Chain of Custody? (Yes) No*
2. Was Chain of Custody properly filled out and relinquished? (Yes) No*
3. Were samples received cold? (Criteria: 1° - 4°C: AEN-SOP 1055) (Yes) No* N/A
4. Were all samples properly labeled and identified? (Yes) No*
5. Did samples require splitting? Yes* (No)
   Req By: PM Client Other*
6. Were samples received in proper containers for analysis requested? (Yes) No*
7. Were all sample containers received intact? (Yes) No*
8. Were samples checked for preservative? *(Check pH of all H_2O requiring preservative except VOA vials that require zero headspace)*+ (Yes) No* N/A
9. Is there sufficient volume for analysis requested? (Yes) No*
10. Were samples received within Holding Time? (REFER TO AEN-SOP 1040) (Yes) No*
11. Is Headspace visible > ¼" in diameter in VOA vials?* If any headspace is evident, comment in out-of-control section. Yes* No (N/A)
12. If sent, were matrix spike bottles returned? Yes No* (N/A)
13. Was Project Manager notified of problems? (initials:_____) Yes No* (N/A)

Airbill Number(s): _____

Shipped By: Fedex

Cooler Number(s): _____

Shipping Charges: N/A

Cooler Weight(s): N/A

Cooler Temp(s) (°C): 4°C
CCK 3
(LIST THERMOMETER NUMBER(S) FOR VERIFICATION)

Out of Control Events and Inspection Comments:

(USE BACK OF PSIF FOR ADDITIONAL NOTES AND COMMENTS)

Inspected By: A. Kitt Date: 26-APR-97 Logged By: A. Kitt Date: 26-APR-97

♣ *Note all Out-of-Control and/or questionable events on Comment Section of this form.*

♦ *Note who requested the splitting of samples on the Comment Section of this form.*

\+ *All preservatives for the State of North Carolina, the State of New York, and other requested samples are to be recorded on the sheet provided to record pH results (AEN-SOP 938, section 2.2.9).*

* *According to EPA, ¼" of headspace is allowed in 40 ml vials requiring volatile analysis, however, AEN makes it policy to record any headspace as out-of-control (AEN-SOP 938, section 2.2.12).*