

SPARTON

SPARTON TECHNOLOGY

CERTIFIED MAIL RETURN RECEIPT REQUESTED

October 9, 1997

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

Re: Third Quarter 1997 AGMP Report

Dear Mr. Garcia:

Enclosed is Sparton Technology's Ground Water Report for the 3rd Quarter 1997 as required by the Alternate Ground Water Monitoring Program. Included in the report are copies of the lab reports, AEN numbers: 708371, 708375, and 708376. AEN Lab Report No. 708375 contains data for a split sampling event conducted with Mr. Rob Pine of NMED-GWQB on AGMP well MW-16 and other selected wells.

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 August 20 and 21, 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

007353

**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. 3rd 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: 8-20-97 LABORATORY SAMPLE I.D. #: 708371-05

TIME SAMPLED: 1525 DATE RECEIVED BY LAB: 8-20-97

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G. Water	71993	ft.	<u>4973.33</u>	<u>8-20-97</u>
Well Casing Volume	-----	gal.	<u>1.23</u>	<u>8-20-97</u>
Pump Rate	-----	gal./min.	<u>0.08</u>	<u>8-20-97</u>
Pump Period	72004	min.	<u>50</u>	<u>8-20-97</u>
Volume Evacuated	73675	gal.	<u>3.7</u>	<u>8-20-97</u>
Well Sampling Method	84077	-----	<u>BLDRP</u>	<u>8-20-97</u>
Sampler Material	-----	-----	<u>TEFLN</u>	<u>N/A</u>

WELL SAMPLING METHOD: BLDRP

INDICATOR PARAMETERS

MW-9

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.7	NA	8-21-97	
	00400	S.U.				
	00400	S.U.				150.1
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	660	1	8-29-97	
	00095	umhos/cm				
	00095	umhos/cm				120.1/2510B
	00095	umhos/cm				
T.O.X.	70354	ug/l	540	10	8-27-97	
	70354	ug/l				
	70354	ug/l				9020
	70354	ug/l				
T.O.C.	00680	mg/l	2	1.0	8-28-97	
	00680	mg/l				
	00680	mg/l				415.1/EPA 600
	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	6	1	8-26-97	325.3
Iron	01045	ug/l				
Manganese	71883	ug/l	20	10	9-8-97	200.7
Phenols	32730	ug/l				
Sodium	00929	mg/l	64	0.2	9-8-97	200.7
Sulfate	00945	mg/l	100	50	8-27-97	375.4
Turbidity		NTU				

DATE OF THIS REPORT: 10-8-97
 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	32	5.0	NA	8-21-97	8240
Trichloroethene	UG/L	390	5.0	NA	8-21-97	8240
1,1,1 Trichloroethane	UG/L	36	5.0	NA	8-21-97	8240
Methylene Chloride	UG/L	93	5.0	NA	8-21-97	8240
Chromium, total	mg/L	<0.01	0.01	NA	9-8-97	200.7
Chromium, hexavalent	mg/L	<0.02	0.02	NA	8-20-97	SM 3500 CR D
Chromium, trivalent	mg/L	<0.02	0.02	NA	9-8-97	
Boron	mg/L	1.4	0.09	NA	9-8-97	200.7
Nickel	mg/L	<0.02	0.02	NA	9-8-97	200.7
Nitrate Nitrogen	mg/L	<0.1	0.1	NA	8-27-97	353.2-354.1
Total Kjeldahl Nitrogen	mg/L	0.8	0.5	NA	8-29-97	351.2
Nitrite-Nitrate Nitrogen	mg/L	<0.1	0.1	NA	8-27-97	353.2
Nitrite Nitrogen	mg/L	<0.1	0.1	NA	8-21-97	354.1

ND = Not Detected
NA = Not Applicable

007358

**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. 3rd QUARTER 1997

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-14 SAMPLE COLLECTION BY: PETER H. METZNER

WELL DEPTH: 73.08 LABORATORY NAME: AEN

DATE SAMPLED: 8-21-97 LABORATORY SAMPLE I.D. #: 708376-01

TIME SAMPLED: 1500 DATE RECEIVED BY LAB: 8-21-97

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G. Water	71993	ft.	<u>4971.64</u>	<u>8-21-97</u>
Well Casing Volume	-----	gal.	<u>0.27</u>	<u>8-21-97</u>
Pump Rate	-----	gal./min.	<u>0.03</u>	<u>8-21-97</u>
Pump Period	72004	min.	<u>33</u>	<u>8-21-97</u>
Volume Evacuated	73675	gal.	<u>0.9</u>	<u>8-21-97</u>
Well Sampling Method	84077	-----	<u>BLDRP</u>	<u>8-21-97</u>
Sampler Material	-----	-----	<u>TEFLN</u>	<u>N/A</u>

WELL SAMPLING METHOD: BLDRP

INDICATOR PARAMETERS

MW-14

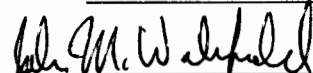
PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	8.4	NA	8-22-97	
	00400	S.U.				
	00400	S.U.				150.1
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	740	1	8-29-97	
	00095	umhos/cm				
	00095	umhos/cm				120.1/2510B
	00095	umhos/cm				
T.O.X.	70354	ug/l	7800	10000	9-5-97	
	70354	ug/l				
	70354	ug/l				9020
	70354	ug/l				
T.O.C.	00680	mg/l	2	1	9-3-97	
	00680	mg/l				
	00680	mg/l				415.1/EPA 600
	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	32	1	8-26-97	325.3
Iron	01045	ug/l				
Manganese	71883	ug/l	<10	10	9-8-97	200.7
Phenols	32730	ug/l				
Sodium	00929	mg/l	56	0.2	9-9-97	200.7
Sulfate	00945	mg/l	150	50	8-27-97	375.4
Turbidity		NTU				

DATE OF THIS REPORT: 10-8-97SIGNATURE: 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	29	1.0	NA	8-26-97	8240
Trichloroethene	UG/L	530	1.0	NA	8-26-97	8240
1,1,1 Trichloroethane	UG/L	6.6	1.0	NA	8-26-97	8240
Chromium, total	mg/L	0.68	0.01	NA	9-4-97	200.7
Chromium, hexavalent	mg/L	0.6	0.02	NA	8-22-97	SM 3500 CR D
Chromium, trivalent	mg/L	0.08	0.02	NA	9-4-97	
Boron	mg/L	0.91	0.09	NA	9-8-97	200.7
Nickel	mg/L	<0.02	0.02	NA	9-8-97	200.7
Nitrate Nitrogen	mg/L	2.4	0.1	NA	8-27-97	353.2-354.1
Total Kjeldahl Nitrogen	mg/L	<0.5	0.5	NA	8-29-97	351.2
Nitrite-Nitrate Nitrogen	mg/L	2.4	0.1	NA	8-27-97	353.2
Nitrite Nitrogen	mg/L	<0.1	0.1	NA	8-22-97	354.1

ND = Not Detected
NA = Not Applicable

007362

**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. 3rd QUARTER 1997

EPA I.D. NUMBER: NMD 083212332

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

WELL DEPTH: 73.17 LABORATORY NAME: N/A

DATE SAMPLED: 8-25-97 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.	<u>DRY</u>	<u>8-25-97</u>
Well Casing Volume	-----	gal.	_____	_____
Pump Rate	-----	gal./min.	_____	_____
Pump Period	72004	min.	_____	_____
Volume Evacuated	73675	gal.	_____	_____
Well Sampling Method	84077	-----	<u>BLDRP</u>	_____
Sampler Material	-----	-----	<u>TEFLN</u>	<u>N/A</u>

WELL SAMPLING METHOD: BLDRP

INDICATOR PARAMETERS

MW-15

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	N/A	NA		
	00400	S.U.				
	00400	S.U.				150.1
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	N/A	1		
	00095	umhos/cm				
	00095	umhos/cm				120.1/2510B
	00095	umhos/cm				
T.O.X.	70354	ug/l	N/A	10		
	70354	ug/l				
	70354	ug/l				9020
	70354	ug/l				
T.O.C.	00680	mg/l	N/A	1.0		
	00680	mg/l				
	00680	mg/l				415.1/EPA 600
	00680	mg/l				

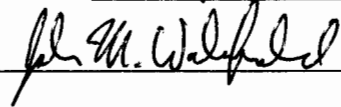
NA = NOT APPLICABLE

GROUND WATER QUALITY PARAMETERS

MW-15

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

DATE OF THIS REPORT: 10-8-97

SIGNATURE: 

NAME (PRINTED): JOHN M. WAKEFIELD

NA = Not Applicable

MONITORING WELL APPENDIX VI OR IX FOR FACILITIES IN ASSESSMENT

MW-15

der 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 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
, - Dichloroethene	UG/L	N/A	5.0	NA		8240
chloroethene	UG/L	N/A	5.0	NA		8240
,1 Trichloroethane	UG/L	N/A	5.0	NA		8240
romium, total	mg/L	N/A	0.01	N/A		200.7
romium, hexavalent	mg/L	N/A	0.05	N/A		SM 3500 CR D
romium, trivalent	mg/L	N/A	0.02	N/A		7196
ron	mg/L	N/A	0.09	N/A		200.7
ckel	mg/L	N/A	0.02	N/A		200.7
rate Nitrogen	mg/L	N/A	0.1	N/A		353.2-354.1
tal Kjeldahl Nitrogen	mg/L	N/A	0.5	N/A		351.2
rite-Nitrate Nitrogen	mg/L	N/A	0.1	N/A		353.2
rite Nitrogen	mg/L	N/A	0.1	N/A		354.1

ND = Not Detected
 N/A = Not Applicable

007366

**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. 3rd QUARTER 1997

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-16 SAMPLE COLLECTION BY: DON A. GUTIERREZ

WELL DEPTH: 71.52 LABORATORY NAME: AEN

DATE SAMPLED: 8-21-97 LABORATORY SAMPLE I.D. #: 708375-05

TIME SAMPLED: 1336 DATE RECEIVED BY LAB: 8-21-97

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G. Water	71993	ft.	<u>4978.61</u>	<u>8-21-97</u>
Well Casing Volume	-----	gal.	<u>0.43</u>	<u>8-21-97</u>
Pump Rate	-----	gal./min.	<u>0.01</u>	<u>8-21-97</u>
Pump Period	72004	min.	<u>104</u>	<u>8-21-97</u>
Volume Evacuated	73675	gal.	<u>1.4</u>	<u>8-21-97</u>
Well Sampling Method	84077	-----	<u>BLDRP</u>	<u>8-21-97</u>
Sampler Material	-----	-----	<u>TEFLN</u>	<u>N/A</u>

WELL SAMPLING METHOD: BLDRP

INDICATOR PARAMETERS

MW-16

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	8.1	NA	8-26-97	
	00400	S.U.				150.1
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	970	1	8-29-97	
	00095	umhos/cm				120.1/2510B
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	24,000	10,000	9-5-97	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	2	1	9-3-97	
	00680	mg/l				415.1/EPA 600
	00680	mg/l				
	00680	mg/l				

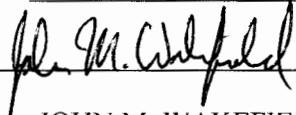
NA = NOT APPLICABLE
 * pH analysis out of hold time.

GROUND WATER QUALITY PARAMETERS

MW-16

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	28	1	8-26-97	325.3
Iron	01045	ug/l				
Manganese	71883	ug/l	130	10	9-8-97	200.7
Phenols	32730	ug/l				
Sodium	00929	mg/l	52	0.2	9-9-97	200.7
Sulfate	00945	mg/l	100	50	8-27-97	375.4
Turbidity		NTU				

DATE OF THIS REPORT: 10-8-97

SIGNATURE: 

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	<100	100	NA	8-26-97	8240
Trichloroethene	UG/L	3000	100	NA	8-26-97	8240
1,1,1 Trichloroethane	UG/L	520	100	NA	8-26-97	8240
Chromium, total	mg/L	0.26	0.01	NA	9-4-97	200.7
Chromium, hexavalent	mg/L	0.30	0.02	NA	8-22-97	SM 3500 CR D
Chromium, trivalent	mg/L	<0.02	0.02	NA	9-4-97	N/A
Boron	mg/L	0.28	0.09	NA	9-8-97	200.7
Nickel	mg/L	<0.02	0.02	NA	9-8-97	200.7
Nitrate Nitrogen	mg/L	<0.1	0.1	NA	8-27-97	353.2 - 354.1
Total Kjeldahl Nitrogen	mg/L	55	2.5	NA	8-29-97	351.2
Nitrite-Nitrate Nitrogen	mg/L	<0.1	0.1	NA	8-27-97	353.2
Nitrite Nitrogen	mg/L	0.1	0.1	NA	8-22-97	354.1

ND = Not Detected
 NA = Not Applicable

007370

MONITORING WELL APPENDIX VI OR IX FOR FACILITIES IN ASSESSMENT

MW-16

Page 2 of 2

der 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 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
Calcium	mg/L	18	12	NA	9-8-97	200.7
Potassium	mg/L	16	0.8	NA	9-8-97	200.7
Magnesium	mg/L	0.13	0.01	NA	9-8-97	200.7
Total Dissolved Solids	mg/L	410	5	NA	8-26-97	160.1
Salinity Total	mg/L	310	1	NA	8-27-97	2320 B
Carbonate CaCO ₃	mg/L	310	1	NA	8-27-97	2330 B
Bicarbonate CaCO ₃	mg/L	4	1	NA	8-27-97	2330 B
CO ₂ Free as CaCO ₃	mg/L	5	1	NA	8-27-97	NA
Dissolved Hydroxide as CaCO ₃	mg/L	<1	1	NA	8-27-97	2330 B
Calcium Hardness	mg/L	45	2	NA	9-8-97	200.7
Magnesium Hardness	mg/L	8.0	0.8	NA	9-8-97	200.7
Total Hardness	mg/L	53	NA	NA	9-8-97	NA

ND = Not Detected
 NA = Not Applicable

007371

**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. 3rd 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: 8-20-97 LABORATORY SAMPLE I.D. #: 708371-01

TIME SAMPLED: 1417 DATE RECEIVED BY LAB: 8-20-97

<u>PARAMETERS</u>	<u>STORET CODE</u>	<u>UNITS</u>	<u>VALUE</u>	<u>DATE ANALYZED</u>
Elevation of G. Water	71993	ft.	<u>4972.24</u>	<u>8-20-97</u>
Well Casing Volume	-----	gal.	<u>24.43</u>	<u>8-20-97</u>
Pump Rate	-----	gal./min.	<u>0.78</u>	<u>8-20-97</u>
Pump Period	72004	min.	<u>106</u>	<u>8-20-97</u>
Volume Evacuated	73675	gal.	<u>78.0</u>	<u>8-20-97</u>
Well Sampling Method	84077	-----	<u>BLDRP</u>	<u>8-20-97</u>
Sampler Material	-----	-----	<u>TEFLN</u>	<u>N/A</u>

WELL SAMPLING METHOD: BLDRP

INDICATOR PARAMETERS

MW-19

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.6	NA	8-21-97	
	00400	S.U.				150.1
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	750	1	8-29-97	
	00095	umhos/cm				120.1/2510B
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	30	10	8-27-97	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	ND	1	8-28-97	
	00680	mg/l				415.1/EPA 600
	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	19	1	8-26-97	325.3
Iron	01045	ug/l				
Manganese	71883	ug/l	10	10	9-8-97	200.7
Phenols	32730	ug/l				
Sodium	00929	mg/l	52	0.2	9-8-97	200.7
Sulfate	00945	mg/l	120	50	8-27-97	375.4
Turbidity		NTU				

DATE OF THIS REPORT: 10-8-97

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	1.0	1.0	NA	8-25-97	8240
Trichloroethene	UG/L	13	1.0	NA	8-25-97	8240
1,1,1 Trichloroethane	UG/L	<1.0	1.0	NA	8-25-97	8240
Chromium, total	mg/L	<0.01	0.01	NA	9-8-97	200.7
Chromium, hexavalent	mg/L	<0.02	0.02	NA	8-20-97	SM 3500 CR D
Chromium, trivalent	mg/L	<0.02	0.02	NA	9-8-97	
Boron	mg/L	0.13	0.09	NA	9-8-97	200.7
Nickel	mg/L	<0.02	0.02	NA	9-8-97	200.7
Nitrate as Nitrogen	mg/L	3.7	0.1	NA	8-27-97	353.2 - 354.1
Total Kjeldahl Nitrogen	mg/L	<0.5	0.5	NA	8-29-97	351.2
Nitrite-Nitrate Nitrogen	mg/L	3.7	0.1	NA	8-27-97	353.2
Nitrite Nitrogen	mg/L	<0.1	0.1	NA	8-21-97	354.1

ND = Not Detected
NA = Not Applicable

007375

**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. 3rd 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: 8-20-97 LABORATORY SAMPLE I.D. #: 708371-02

TIME SAMPLED: 1504 DATE RECEIVED BY LAB: 8-20-97

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G. Water	71993	ft.	<u>4971.90</u>	<u>8-20-97</u>
Well Casing Volume	-----	gal.	<u>42.50</u>	<u>8-20-97</u>
Pump Rate	-----	gal./min.	<u>1.15</u>	<u>8-20-97</u>
Pump Period	72004	min.	<u>113</u>	<u>8-20-97</u>
Volume Evacuated	73675	gal.	<u>129.0</u>	<u>8-20-97</u>
Well Sampling Method	84077	-----	<u>BLDRP</u>	<u>8-20-97</u>
Sampler Material	-----	-----	<u>TEFLN</u>	<u>N/A</u>

WELL SAMPLING METHOD: BLDRP

INDICATOR PARAMETERS

MW-20

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.8	NA	8-21-97	
	00400	S.U.				
	00400	S.U.				150.1
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	640	1	8-29-97	
	00095	umhos/cm				
	00095	umhos/cm				120.1/2510B
	00095	umhos/cm				
T.O.X.	70354	ug/l	10	10	8-27-97	
	70354	ug/l				
	70354	ug/l				9020
	70354	ug/l				
T.O.C.	00680	mg/l	2	1	8-28-97	
	00680	mg/l				
	00680	mg/l				415.1/EPA 600
	00680	mg/l				

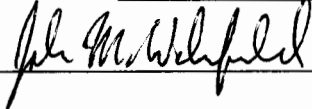
NA = NOT APPLICABLE

GROUND WATER QUALITY PARAMETERS

MW-20

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	18	1	8-26-97	325.3
Iron	01045	ug/l				
Manganese	71883	ug/l	830	10	9-8-97	200.7
Phenols	32730	ug/l				
Sodium	00929	mg/l	42	0.2	9-8-97	200.7
Sulfate	00945	mg/l	86	50	8-27-97	375.4
Turbidity		NTU				

DATE OF THIS REPORT: 10-8-97

SIGNATURE: 

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	<1.0	1.0	NA	8-21-97	8240
Trichloroethene	UG/L	1.1	1.0	NA	8-21-97	8240
1,1,1 Trichloroethane	UG/L	<1.0	5.0	NA	8-21-97	8240
Chromium, total	mg/L	<0.01	0.01	NA	9-8-97	200.7
Chromium, hexavalent	mg/L	<0.02	0.05	NA	8-20-97	SM 3500 CR D
Chromium, trivalent	mg/L	<0.02	0.02	NA	9-8-97	
Boron	mg/L	<0.09	0.09	NA	9-8-97	200.7
Nickel	mg/L	<0.02	0.02	NA	9-8-97	200.7
Nitrate as Nitrogen	mg/L	0.3	0.1	NA	8-27-97	353.2-354.1
Total Kjeldahl Nitrogen	mg/L	<0.5	0.5	NA	8-29-97	351.2
Nitrite-Nitrate Nitrogen	mg/L	0.3	0.1	NA	8-27-97	353.2
Nitrite Nitrogen	mg/L	<0.1	0.1	NA	8-21-97	354.1

ND = Not Detected
NA = Not Applicable

007379

**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. 3rd 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: 8-21-97 LABORATORY SAMPLE I.D. #: 708376-02

TIME SAMPLED: 1218 DATE RECEIVED BY LAB: 8-21-97

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G. Water	71993	ft.	<u>4978.59</u>	<u>8-21-97</u>
Well Casing Volume	-----	gal.	<u>0.13</u>	<u>8-21-97</u>
Pump Rate	-----	gal./min.	<u>0.02</u>	<u>8-21-97</u>
Pump Period	72004	min.	<u>28</u>	<u>8-21-97</u>
Volume Evacuated	73675	gal.	<u>0.45</u>	<u>8-21-97</u>
Well Sampling Method	84077	-----	<u>BLDRP</u>	<u>8-21-97</u>
Sampler Material	-----	-----	<u>TEFLN</u>	<u>N/A</u>

WELL SAMPLING METHOD: BLDRP

INDICATOR PARAMETERS

MW-21

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	8.0	NA	8-22-97	
	00400	S.U.				150.1
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	600	1	8-29-97	
	00095	umhos/cm				120.1/2510B
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	26000	10000	9-5-97	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	<1	1	9-3-97	
	00680	mg/l				415.1/EPA 600
	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	16	1	8-26-97	325.3
Iron	01045	ug/l				
Manganese	71883	ug/l	30	10	9-8-97	200.7
Phenols	32730	ug/l				
Sodium	00929	mg/l	42	0.2	9-9-97	200.7
Sulfate	00945	mg/l	73	2.0	8-27-97	375.4
Turbidity		NTU				

DATE OF THIS REPORT: 10-8-97
 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	2.6	1.0	NA	8-26-97	8240
Trichloroethene	UG/L	61	1.0	NA	8-26-97	8240
1,1,1 Trichloroethane	UG/L	21	1.0	NA	8-26-97	8240
Chromium, total	mg/L	<0.01	0.01	NA	9-4-97	200.7
Chromium, hexavalent	mg/L	<0.02	0.02	NA	8-22-97	SM 3500 CR D
Chromium, trivalent	mg/L	<0.02	0.02	NA	9-4-97	
Boron	mg/L	0.14	0.09	NA	9-8-97	200.7
Nickel	mg/L	<0.02	0.02	NA	9-8-97	200.7
Nitrate Nitrogen	mg/L	2.6	0.1	NA	8-27-97	353.2 - 354.1
Total Kjeldahl Nitrogen	mg/L	<0.5	0.5	NA	8-29-97	351.2
Nitrite-Nitrate Nitrogen	mg/L	2.6	0.1	NA	8-27-97	353.2
Nitrite Nitrogen	mg/L	<0.1	0.1	NA	8-22-97	354.1

ND = Not Detected
 NA = Not Applicable

007383

**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. 3rd QUARTER 1997

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-22 SAMPLE COLLECTION BY: PETER H. METZNER

WELL DEPTH: 76.05 LABORATORY NAME: AEN

DATE SAMPLED: 8-21-97 LABORATORY SAMPLE I.D. #: 708376-03

TIME SAMPLED: 1358 DATE RECEIVED BY LAB: 8-21-97

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G. Water	71993	ft.	<u>4977.97</u>	<u>8-21-97</u>
Well Casing Volume	-----	gal.	<u>0.97</u>	<u>8-21-97</u>
Pump Rate	-----	gal./min.	<u>0.14</u>	<u>8-21-97</u>
Pump Period	72004	min.	<u>36</u>	<u>8-21-97</u>
Volume Evacuated	73675	gal.	<u>4.5</u>	<u>8-21-97</u>
Well Sampling Method	84077	-----	<u>BLDRP</u>	<u>8-21-97</u>
Sampler Material	-----	-----	<u>TEFLN</u>	<u>N/A</u>

WELL SAMPLING METHOD: BLDRP

INDICATOR PARAMETERS

MW-22

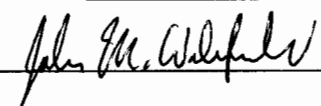
PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.8	NA	8-22-97	
	00400	S.U.				
	00400	S.U.				150.1
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	690	1	8-29-97	
	00095	umhos/cm				
	00095	umhos/cm				120.1/2510B
	00095	umhos/cm				
T.O.X.	70354	ug/l	60000	10000	9-5-97	
	70354	ug/l				
	70354	ug/l				9020
	70354	ug/l				
T.O.C.	00680	mg/l	<1	1	9-3-97	
	00680	mg/l				
	00680	mg/l				415.1/EPA 600
	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	17	1	8-26-97	325.3
Iron	01045	ug/l				
Manganese	71883	ug/l	40	10	9-8-97	200.7
Phenols	32730	ug/l				
Sodium	00929	mg/l	46	0.2	9-9-97	200.7
Sulfate	00945	mg/l	78	50	8-27-97	375.4
Turbidity		NTU				

DATE OF THIS REPORT: 10-8-97
 SIGNATURE: 
 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	6.2	1.0	NA	8-26-97	8240
Trichloroethene	UG/L	44	1.0	NA	8-26-97	8240
1,1,1 Trichloroethane	UG/L	21	1.0	NA	8-26-97	8240
Chromium, total	mg/L	<0.01	0.01	NA	9-4-97	200.7
Chromium, hexavalent	mg/L	<0.02	0.02	NA	8-22-97	SM 3500 CR D
Chromium, trivalent	mg/L	<0.02	0.02	NA	9-4-97	
Boron	mg/L	0.18	0.09	NA	9-8-97	200.7
Nickel	mg/L	<0.02	0.02	NA	9-8-97	200.7
Nitrate Nitrogen	mg/L	7.0	0.1	NA	8-27-97	353.2 - 354.1
Total Kjeldahl Nitrogen	mg/L	<0.5	0.5	NA	8-29-97	351.2
Nitrite-Nitrate Nitrogen	mg/L	7.0	0.2	NA	8-27-97	353.2
Nitrite Nitrogen	mg/L	<0.1	0.1	NA	8-22-97	354.1

ND = Not Detected
NA = Not Applicable

007387