

Sparton 1993

# SPARTON

## SPARTON TECHNOLOGY

May 3, 1993

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Mr. Edward L. Horst  
RCRA Program Manager  
HAZARDOUS AND RADIOACTIVE MATERIALS BUREAU  
New Mexico Environment Department  
P.O. Box 26110  
525 Camino de los Marquez  
Santa Fe, New Mexico 87502



Dear Mr. Horst:

Enclosed is Sparton Technology's Inc. Assessment Quarterly Report for the 38th Quarter, 1st Quarter 1993 as required by the Alternate Ground Water Monitoring Program. Ground water samples are now being analyzed by Analytical Technologies, Inc. rather than Enseco-Rocky Mountain Analytical Laboratory. Included at the end of the report are copies of the lab data sheets. Ground water samples were collected by Sparton Technology Inc. at the Coors Road Facility on January 11 and 12, 1993.

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

Sincerely,  
SPARTON TECHNOLOGY, INC.

*RDM*

Richard D. Mico  
Vice President and General Manager

RDM: jmw

Enclosure

cc: Mr. J. Appel  
Mr. P. Chandler  
Mr. G. Richardson  
Mr. J. Wakefield

006005

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. First Quarter 1993  
EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-9 SAMPLE COLLECTION BY Peter H. Metzner  
WELL DEPTH 77.79 LABORATORY NAME Analytical Tech. Inc  
DATE SAMPLED 01-11-93 LABORATORY SAMPLE I.D. # 301309-01  
TIME SAMPLED 1128 DATE RECIEVED BY LAB. 01-11-93

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	<u>4975.68</u>	<u>01-11-93</u>
Well Casing Volume	-----	gal.	<u>1.60</u>	<u>"</u>
Pump Rate	-----	gal/min	<u>0.09</u>	<u>"</u>
Pump Period	72004	min.	<u>73</u>	<u>"</u>
Volume Evacuated	73675	gal.	<u>4.9</u>	<u>"</u>
Well Sampling Method	84077	---	<u>BLDRP</u>	<u>"</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.	<u>7.7</u>	<u>NA</u>	<u>01-12-93</u>	
	00400	S.U.	<u>          </u>	<u>          </u>	<u>          </u>	<u>150.1</u>
	00400	S.U.	<u>          </u>	<u>          </u>	<u>          </u>	
	00400	S.U.	<u>          </u>	<u>          </u>	<u>          </u>	
Specific Conductivity	00095	umhos/cm	<u>940</u>	<u>NA</u>	<u>01-12-93</u>	
	00095	umhos/cm	<u>          </u>	<u>          </u>	<u>          </u>	<u>120.1</u>
	00095	umhos/cm	<u>          </u>	<u>          </u>	<u>          </u>	
	00095	umhos/cm	<u>          </u>	<u>          </u>	<u>          </u>	
T.O.X.	70354	ug/l	<u>750</u>	<u>8</u>	<u>01-13-93</u>	
	70354	ug/l	<u>          </u>	<u>          </u>	<u>          </u>	<u>9020</u>
	70354	ug/l	<u>          </u>	<u>          </u>	<u>          </u>	
	70354	ug/l	<u>          </u>	<u>          </u>	<u>          </u>	
T.O.C.	00680	mg/l	<u>2.7</u>	<u>0.5</u>	<u>01-25-93</u>	
	00680	mg/l	<u>          </u>	<u>          </u>	<u>          </u>	<u>415.2</u>
	00680	mg/l	<u>          </u>	<u>          </u>	<u>          </u>	
	00680	mg/l	<u>          </u>	<u>          </u>	<u>          </u>	

NA= NOT APPLICABLE

ND= NOT DETECTED

006007

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: 4-28-93

SIGNATURE: *John M. Wakefield*

NAME (PRINTED): JOHN M. WAKEFIELD

NA = Not applicable

006008



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. [EPA-6, 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. First Quarter 1993  
EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-14 SAMPLE COLLECTION BY JOHN M. WAKEFIELD  
WELL DEPTH 71.66 LABORATORY NAME Analytical Tech. Inc.  
DATE SAMPLED 01-11-93 LABORATORY SAMPLE I.D. # 301309-06  
TIME SAMPLED 1128 DATE RECEIVED BY LAB. 01-11-93

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	<u>4973.87</u>	<u>01-11-93</u>
Well Casing Volume	-----	gal.	<u>0.62</u>	<u>"</u>
Pump Rate	-----	gal/min	<u>0.07</u>	<u>"</u>
Pump Period	72004	min.	<u>39</u>	<u>"</u>
Volume Evacuated	73675	gal.	<u>2.2</u>	<u>"</u>
Well Sampling Method	84077	---	<u>BLDRP</u>	<u>"</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.	<u>9.2</u>	<u>NA</u>	<u>01-12-93</u>	
	00400	S.U.	<u>          </u>	<u>          </u>	<u>          </u>	<u>150.1</u>
	00400	S.U.	<u>          </u>	<u>          </u>	<u>          </u>	
	00400	S.U.	<u>          </u>	<u>          </u>	<u>          </u>	
Specific Conductivity	00095	umhos/cm	<u>730</u>	<u>NA</u>	<u>01-12-93</u>	
	00095	umhos/cm	<u>          </u>	<u>          </u>	<u>          </u>	<u>120.1</u>
	00095	umhos/cm	<u>          </u>	<u>          </u>	<u>          </u>	
	00095	umhos/cm	<u>          </u>	<u>          </u>	<u>          </u>	
T.O.X.	70354	ug/l	<u>540</u>	<u>8</u>	<u>01-13-93</u>	
	70354	ug/l	<u>          </u>	<u>          </u>	<u>          </u>	<u>9020</u>
	70354	ug/l	<u>          </u>	<u>          </u>	<u>          </u>	
	70354	ug/l	<u>          </u>	<u>          </u>	<u>          </u>	
T.O.C.	00680	mg/l	<u>3.5</u>	<u>0.5</u>	<u>01-25-93</u>	
	00680	mg/l	<u>          </u>	<u>          </u>	<u>          </u>	<u>413.2</u>
	00680	mg/l	<u>          </u>	<u>          </u>	<u>          </u>	
	00680	mg/l	<u>          </u>	<u>          </u>	<u>          </u>	

NA= NOT APPLICABLE  
 ND= NOT DETECTED

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: 04-28-93

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

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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. First Quarter 1993  
EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-15 SAMPLE COLLECTION BY JOHN M. WAKEFIELD  
WELL DEPTH 72.83 LABORATORY NAME Analytical Tech. Inc.  
DATE SAMPLED 01-12-93 LABORATORY SAMPLE I.D. # 301312-01  
TIME SAMPLED 1145 DATE RECIEVED BY LAB. 01-12-93

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	<u>4975.88</u>	<u>01-12-93</u>
Well Casing Volume	-----	gal.	<u>0.24</u>	<u>"</u>
Pump Rate	-----	gal/min	<u>0.01</u>	<u>"</u>
Pump Period	72004	min.	<u>80</u>	<u>"</u>
Volume Evacuated	73675	gal.	<u>0.75</u>	<u>"</u>
Well Sampling Method	84077	---	<u>BLDRP</u>	<u>"</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.	<u>7.8</u>	<u>NA</u>	<u>01-19-93</u>	
	00400	S.U.	<u>          </u>	<u>          </u>	<u>          </u>	<u>150.1</u>
	00400	S.U.	<u>          </u>	<u>          </u>	<u>          </u>	
	00400	S.U.	<u>          </u>	<u>          </u>	<u>          </u>	
Specific Conductivity	00095	umhos/cm	<u>710</u>	<u>NA</u>	<u>01-15-93</u>	
	00095	umhos/cm	<u>          </u>	<u>          </u>	<u>          </u>	<u>120.1</u>
	00095	umhos/cm	<u>          </u>	<u>          </u>	<u>          </u>	
	00095	umhos/cm	<u>          </u>	<u>          </u>	<u>          </u>	
T.O.X.	70354	ug/l	<u>50</u>	<u>8</u>	<u>01-15-93</u>	
	70354	ug/l	<u>          </u>	<u>          </u>	<u>          </u>	<u>9020</u>
	70354	ug/l	<u>          </u>	<u>          </u>	<u>          </u>	
	70354	ug/l	<u>          </u>	<u>          </u>	<u>          </u>	
T.O.C.	00680	mg/l	<u>2.0</u>	<u>0.5</u>	<u>01-25-93</u>	
	00680	mg/l	<u>          </u>	<u>          </u>	<u>          </u>	<u>415.2</u>
	00680	mg/l	<u>          </u>	<u>          </u>	<u>          </u>	
	00680	mg/l	<u>          </u>	<u>          </u>	<u>          </u>	

NA= NOT APPLICABLE

ND= NOT DETECTED

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: 4-30-93

SIGNATURE: *John M. Wakefield*

NAME (PRINTED): JOHN M. WAKEFIELD

NA = Not applicable



INTERIM STATUS MONITORING WELL  
SAMPLING AND DATA SHEETS

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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. First Quarter 1993  
EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-16 SAMPLE COLLECTION BY JOHN M. WAKEFIELD  
WELL DEPTH 71.23 LABORATORY NAME Analytical Tech. Inc.  
DATE SAMPLED 01-11-93 LABORATORY SAMPLE I.D. # 301309-07  
TIME SAMPLED 1230 DATE RECEIVED BY LAB. 01-11-93

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	<u>4980.47</u>	<u>01-11-93</u>
Well Casing Volume	-----	gal.	<u>0.81</u>	<u>"</u>
Pump Rate	-----	gal/min	<u>0.13</u>	<u>"</u>
Pump Period	72004	min.	<u>29</u>	<u>"</u>
Volume Evacuated	73675	gal.	<u>2.6</u>	<u>"</u>
Well Sampling Method	84077	---	<u>BLDRP</u>	<u>"</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.	<u>7.4</u>	<u>NA</u>	<u>01-12-93</u>	
	00400	S.U.	<u>          </u>	<u>          </u>	<u>          </u>	<u>150.1</u>
	00400	S.U.	<u>          </u>	<u>          </u>	<u>          </u>	
	00400	S.U.	<u>          </u>	<u>          </u>	<u>          </u>	
Specific Conductivity	00095	umhos/cm	<u>1640</u>	<u>NA</u>	<u>01-12-93</u>	
	00095	umhos/cm	<u>          </u>	<u>          </u>	<u>          </u>	<u>120.1</u>
	00095	umhos/cm	<u>          </u>	<u>          </u>	<u>          </u>	
	00095	umhos/cm	<u>          </u>	<u>          </u>	<u>          </u>	
T.O.X.	70354	ug/l	<u>13700</u>	<u>8</u>	<u>01-13-93</u>	
	70354	ug/l	<u>          </u>	<u>          </u>	<u>          </u>	<u>9020</u>
	70354	ug/l	<u>          </u>	<u>          </u>	<u>          </u>	
	70354	ug/l	<u>          </u>	<u>          </u>	<u>          </u>	
T.O.C.	00680	mg/l	<u>3.2</u>	<u>0.5</u>	<u>01-25-93</u>	
	00680	mg/l	<u>          </u>	<u>          </u>	<u>          </u>	<u>415.2</u>
	00680	mg/l	<u>          </u>	<u>          </u>	<u>          </u>	
	00680	mg/l	<u>          </u>	<u>          </u>	<u>          </u>	

NA= NOT APPLICABLE

ND= NOT DETECTED

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: 4-30-93

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

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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. First Quarter 1993  
EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-19 SAMPLE COLLECTION BY JOHN M. WAKEFIELD  
WELL DEPTH 110.66 LABORATORY NAME Analytical Tech. Inc.  
DATE SAMPLED 01-11-93 LABORATORY SAMPLE I.D. # 301309-02  
TIME SAMPLED 0958 DATE RECEIVED BY LAB. 01-11-93

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	<u>4974.29</u>	<u>01-11-93</u>
Well Casing Volume	-----	gal.	<u>25.75</u>	<u>"</u>
Pump Rate	-----	gal/min	<u>0.95</u>	<u>"</u>
Pump Period	72004	min.	<u>94</u>	<u>"</u>
Volume Evacuated	73675	gal.	<u>78.5</u>	<u>"</u>
Well Sampling Method	84077	---	<u>BLDRP</u>	<u>"</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.	<u>7.6</u>	<u>NA</u>	<u>01-12-93</u>	
	00400	S.U.	_____	_____	_____	<u>150.1</u>
	00400	S.U.	_____	_____	_____	
	00400	S.U.	_____	_____	_____	
Specific Conductivity	00095	umhos/cm	<u>658</u>	<u>NA</u>	<u>01-12-93</u>	
	00095	umhos/cm	_____	_____	_____	<u>120.1</u>
	00095	umhos/cm	_____	_____	_____	
	00095	umhos/cm	_____	_____	_____	
T.O.X.	70354	ug/l	<u>53</u>	<u>8</u>	<u>01-13-93</u>	
	70354	ug/l	_____	_____	_____	<u>9020</u>
	70354	ug/l	_____	_____	_____	
	70354	ug/l	_____	_____	_____	
T.O.C.	00680	mg/l	<u>2.0</u>	<u>0.5</u>	<u>01-25-93</u>	
	00680	mg/l	_____	_____	_____	<u>415.2</u>
	00680	mg/l	_____	_____	_____	
	00680	mg/l	_____	_____	_____	

NA= NOT APPLICABLE

ND= NOT DETECTED



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: 4-30-93

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

NA = Not applicable

INTERIM STATUS MONITORING WELL  
SAMPLING AND DATA SHEETS

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

FACILITY NAME SPARTON TECHNOLOGY, INC. First Quarter 1993  
EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-20 SAMPLE COLLECTION BY JOHN M. WAKEFIELD  
WELL DEPTH 138.27 LABORATORY NAME Analytical Tech. Inc.  
DATE SAMPLED 01-11-93 LABORATORY SAMPLE I.D. # 301309-05  
TIME SAMPLED 1020 DATE RECEIVED BY LAB. 01-11-93

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	<u>4974.12</u>	<u>01-11-93</u>
Well Casing Volume	-----	gal.	<u>44.07</u>	<u>"</u>
Pump Rate	-----	gal/min	<u>1.3</u>	<u>"</u>
Pump Period	72004	min.	<u>113</u>	<u>"</u>
Volume Evacuated	73675	gal.	<u>134.5</u>	<u>"</u>
Well Sampling Method	84077	---	<u>BLDRP</u>	<u>"</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.	<u>7.8</u>	<u>NA</u>	<u>01-12-93</u>	
	00400	S.U.	_____	_____	_____	<u>150.1</u>
	00400	S.U.	_____	_____	_____	
	00400	S.U.	_____	_____	_____	
Specific Conductivity	00095	umhos/cm	<u>562</u>	<u>NA</u>	<u>01-12-93</u>	
	00095	umhos/cm	_____	_____	_____	<u>120.1</u>
	00095	umhos/cm	_____	_____	_____	
	00095	umhos/cm	_____	_____	_____	
T.O.X.	70354	ug/l	<u>11</u>	<u>8</u>	<u>01-13-93</u>	
	70354	ug/l	_____	_____	_____	<u>9020</u>
	70354	ug/l	_____	_____	_____	
	70354	ug/l	_____	_____	_____	
T.O.C.	00680	mg/l	<u>2.5</u>	<u>0.5</u>	<u>01-25-93</u>	
	00680	mg/l	_____	_____	_____	<u>415.2</u>
	00680	mg/l	_____	_____	_____	
	00680	mg/l	_____	_____	_____	

NA= NOT APPLICABLE

ND= NOT DETECTED

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: 4-30-93

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. First Quarter 1993  
EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-21 SAMPLE COLLECTION BY Peter H. Metzner  
WELL DEPTH 69.92 LABORATORY NAME Analytical Tech. Inc  
DATE SAMPLED 01-11-93 LABORATORY SAMPLE I.D. # 301309-03  
TIME SAMPLED 1238 DATE RECEIVED BY LAB. 01-11-93

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	<u>4979.99</u>	<u>01-11-93</u>
Well Casing Volume	-----	gal.	<u>0.39</u>	<u>"</u>
Pump Rate	-----	gal/min	<u>0.06</u>	<u>"</u>
Pump Period	72004	min.	<u>38</u>	<u>"</u>
Volume Evacuated	73675	gal.	<u>1.4</u>	<u>"</u>
Well Sampling Method	84077	---	<u>BLDRP</u>	<u>"</u>
Sampler Material	-----	---	<u>TEFLN</u>	<u>N/A</u>

Well Sampling Method: BLDRP

006030

INDICATOR PARAMETERS

MW-21

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	<u>7.8</u>	<u>NA</u>	<u>01-12-93</u>	
	00400	S.U.	<u>          </u>	<u>          </u>	<u>          </u>	<u>150.1</u>
	00400	S.U.	<u>          </u>	<u>          </u>	<u>          </u>	
	00400	S.U.	<u>          </u>	<u>          </u>	<u>          </u>	
Specific Conductivity	00095	umhos/cm	<u>656</u>	<u>NA</u>	<u>01-12-93</u>	
	00095	umhos/cm	<u>          </u>	<u>          </u>	<u>          </u>	<u>120.1</u>
	00095	umhos/cm	<u>          </u>	<u>          </u>	<u>          </u>	
	00095	umhos/cm	<u>          </u>	<u>          </u>	<u>          </u>	
T.O.X.	70354	ug/l	<u>530</u>	<u>8</u>	<u>01-13-93</u>	
	70354	ug/l	<u>          </u>	<u>          </u>	<u>          </u>	<u>9020</u>
	70354	ug/l	<u>          </u>	<u>          </u>	<u>          </u>	
	70354	ug/l	<u>          </u>	<u>          </u>	<u>          </u>	
T.O.C.	00680	mg/l	<u>3.0</u>	<u>0.5</u>	<u>01-25-93</u>	
	00680	mg/l	<u>          </u>	<u>          </u>	<u>          </u>	<u>415.2</u>
	00680	mg/l	<u>          </u>	<u>          </u>	<u>          </u>	
	00680	mg/l	<u>          </u>	<u>          </u>	<u>          </u>	

NA= NOT APPLICABLE

ND= NOT DETECTED

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: 4-30-93

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. First Quarter 1993  
EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-22 SAMPLE COLLECTION BY Peter H. Metzner  
WELL DEPTH 75.40 LABORATORY NAME Analytical Tech. Inc  
DATE SAMPLED 01-11-93 LABORATORY SAMPLE I.D. # 301309-04  
TIME SAMPLED 1425 DATE RECIEVED BY LAB. 01-11-93

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	<u>4979.41</u>	<u>01-11-93</u>
Well Casing Volume	-----	gal.	<u>1.16</u>	<u>"</u>
Pump Rate	-----	gal/min	<u>0.10</u>	<u>"</u>
Pump Period	72004	min.	<u>42</u>	<u>"</u>
Volume Evacuated	73675	gal.	<u>3.65</u>	<u>"</u>
Well Sampling Method	84077	---	<u>BLDRP</u>	<u>"</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.	<u>7.7</u>	<u>NA</u>	<u>01-12-93</u>	
	00400	S.U.	<u>          </u>	<u>          </u>	<u>          </u>	<u>150.1</u>
	00400	S.U.	<u>          </u>	<u>          </u>	<u>          </u>	
	00400	S.U.	<u>          </u>	<u>          </u>	<u>          </u>	
Specific Conductivity	00095	umhos/cm	<u>691</u>	<u>NA</u>	<u>01-12-93</u>	
	00095	umhos/cm	<u>          </u>	<u>          </u>	<u>          </u>	<u>120.1</u>
	00095	umhos/cm	<u>          </u>	<u>          </u>	<u>          </u>	
	00095	umhos/cm	<u>          </u>	<u>          </u>	<u>          </u>	
T.O.X.	70354	ug/l	<u>110</u>	<u>8</u>	<u>01-13-93</u>	
	70354	ug/l	<u>          </u>	<u>          </u>	<u>          </u>	<u>9020</u>
	70354	ug/l	<u>          </u>	<u>          </u>	<u>          </u>	
	70354	ug/l	<u>          </u>	<u>          </u>	<u>          </u>	
T.O.C.	00680	mg/l	<u>2.5</u>	<u>0.5</u>	<u>01-25-93</u>	
	00680	mg/l	<u>          </u>	<u>          </u>	<u>          </u>	<u>415.2</u>
	00680	mg/l	<u>          </u>	<u>          </u>	<u>          </u>	
	00680	mg/l	<u>          </u>	<u>          </u>	<u>          </u>	

NA= NOT APPLICABLE

ND= NOT DETECTED

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: 4-30-93

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

NA = Not applicable







CLIENT : SPARTON TECHNOLOGY, INC.  
PROJECT # : 01-92  
PROJECT NAME: GW MONITORING

DATE RECEIVED: 01/11/93  
REPORT DATE : 01/29/93

ATI I.D.: 301309

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	MW-9	AQUEOUS	01/11/93
02	MW-19	AQUEOUS	01/11/93
03	MW-21	AQUEOUS	01/11/93
04	MW-22	AQUEOUS	01/11/93
05	MW-20	AQUEOUS	01/11/93
06	MW-14	AQUEOUS	01/11/93
07	MW-16	AQUEOUS	01/11/93
08	FIELD BLANK	AQUEOUS	01/11/93
09	TRIP BLANK	AQUEOUS	12/30/92
10	8240 TRIP BLANK	AQUEOUS	12/22/92

-----TOTALS-----

MATRIX	# SAMPLES
AQUEOUS	10

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.



PARAMETER	METHOD	DETECTION LIMIT	ANALYSIS DATE
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## ALL SAMPLES:

pH	150.1	NA	01/12/93
ELECTRICAL CONDUCTIVITY	120.1	NA	01/12/93
TOC	415.2	0.5 MG/L	01/25/93
TOX	9020	0.008 MG/L	01/13/93

## MW-9, MW-19, MW-21, MW-22, FIELD BLANK, 8240 TRIP BLANK:

1,1-DCE	8240	1 UG/L	01/14/93
TCE	8240	1 UG/L	01/14/93

## MW-20:

1,1-DCE	8240	1 UG/L	01/15/93
TCE	8240	1 UG/L	01/15/93

## MW-14:

1,1-DCE	8240	2 UG/L	01/15/93
TCE	8240	2 UG/L	01/15/93

## MW-16:

1,1-DCE	8240	10 UG/L	01/15/93
TCE	8240	10 UG/L	01/15/93





## GCMS - RESULTS

TEST : VOLATILE ORGANICS (EPA 8240)  
 CLIENT : SPARTON TECHNOLOGY, INC.      ATI I.D. : 301309  
 PROJECT # : 01-92      DATE RECEIVED: 01/11/93  
 PROJECT NAME: GW MONITORING      UNITS : UG/L

SAMPLE I.D. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	MW-9	AQUEOUS	01/11/93	NA	01/14/93	1
02	MW-19	AQUEOUS	01/11/93	NA	01/14/93	1
03	MW-21	AQUEOUS	01/11/93	NA	01/14/93	1

COMPOUNDS	01	02	03
1,1-DICHLOROETHENE	71	3	38
TRICHLOROETHENE	690 D	57	430 D

SURROGATES:

1,2-DICHLOROETHANE-D4 (%)	92	87	90
BROMOFLUOROBENZENE (%)	97	94	95
TOLUENE-D8 (%)	98	96	95