SPARTON

SPARTON TECHNOLOGY

Steve Barbara

1993 MAR 4 RECEIVED HAZARDOUS WASTE PROGRAM

ST / Blue / 93

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

February 26, 1993

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. 1992 Annual Groundwater Monitoring Report for our Coors Road Facility. This report is prepared in response to HWMR-5, Part VI, Section 265.94(a)(2)(ii) and (iii), and is compiled on forms provided by your office.

The Monitoring Well Identification Report form has been modified to include the Surveyed Measuring Point Elevation, (MPE). This surveyed elevation is located on the wellhead vault or protective casing. The MPE is the reference point for all elevation data presented in this report. The well casing is not easily accessible and the data for Surveyed Elevation of Casing Top was measured from the MPE, and not surveyed. MPE was resurveyed in November, 1990. The 1992 Well Identification elevation data has been revised and supersedes data presented in the 1988 and 1991 reports.

The Well Depth data has also been revised for all wells, (form 1 of the Assessment Quarterly Report and Annual Summary). The Well Depth is the difference in elevation of the well casing top, (not MPE) and well casing bottom as requested in the report instructions.

003398

Sparton Technology, Inc. □ 4901 Rockaway Blvd., SE □ Rio Rancho, NM 87124 □ P.O. Box 1784 □ Albuquerque, NM 87103 □ (505) 892-5300 □ FAX (505) 892-5515

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.

Richard D. Mico
Vice President and General Manager

RDM:jmw

Enclosures (as stated)

cc: Mr. J. Appel: wo/encl.
Mr. P. Chandler
Mr. J. DeWitt: wo/encl.
Mr. G. Richardson
Mr. J. Wakefield

1992

GROUNDWATER MONITORING WELL

DATA SUMMARY

SPARTON TECHNOLOGY, INC.

COORS ROAD FACILITY

ALBUQUERQUE, NEW MEXICO

003400

MONITORING WELL IDENTIFICATION REPORT

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME ____SPARTON TECHNOLOGY, INC._____

EPA I.D. NUMBER ____NMD 083212332_____

COUNTY ____BERNALILLO_____

WELL NUMBER ____MW-9_____

WELL LOCATION (LONGITUDE) ____106____39'____42.2''__*

WELL LOCATION (LATITUDE) _____35____11'____18.5''__*

AQUIFER NAME __RIO GRANDE ALLUVIAL_____

AQUIFER CONFINED _____UNCONFINED ___X____

WELL INSTALLATION DATE ___11/13/83_____

DRILLING METHOD ___HLWAG/HYDRT_____

INNER CASING DIAMETER ___2.0_____

BOREHOLE DIAMETER ___7.0_____

CASING MATERIAL ___PVC_____

METHOD OF DEVELOPMENT ___COMPR_____

ELEV BOTTOM OF BOREHOLE ___4958.26_____

ELEV BOTTOM OF WELL CASING ___4965.76_____

ELEV BOTTOM OF SCREENED INT___4970.76_____

ELEV OF TOP OF SCREENED INT___4975.76_____

SURVEYED ELEV OF CASING TOP___5043.55_____

SURVEYED MEASURING PT. ELEV___5044.11_____

DATE OF REPORT ___2/28/93____ SIGNATURE: _____

NAME (TYPED) _John M. Wakefield___

b:wellid/bass
* Scaled from USGS 7.5' quad.

ANNUAL SUMMARY OF MONITOR WELL DATA
FOR ASSESSMENT MONITORING

This form is for annual presentation of data by all facilities operating under interim status. [HWMR-5, Part VI, Section 265.93(f) and 265.4(b)].

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME SPARTON TECHNOLOGY INC.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-9

		SAMPLE DATES			
		1/14/92	4/06/92	7/13/92	9/23/92
PARAMETERS	UNITS	VALUE			
Elev. of G.Water	ft.	4976.18	4975.85	4977.27	4976.65
pH (Avg)	S.U.	7.7	7.7	7.6	7.7
Spec Cond (Avg)	umhos/cm	941	958	917	991
T.O.X. (Avg)	ug/1	830	591	734	1110
T.O.C. (Avg)	mg/1	0.98	1.6	2.2	2.7
Chloride	mg/1			26.4	
Iron	ug/1				
Manganese	ug/1			140	
Phenols	ug/1				
Sodium	mg/1			83.1	
Sulfate	mg/1			230	
Turbidity	NTU				

APPENDIX IX PARAMETERS
MW-9

		SAMPLE DATES			
		1/29/92	4/06/92	7/13/92	9/23/92
PARAMETERS	UNITS	VALUE			
1,1-Dichloroethene	ug/l	<100	72	47	61
Trichloroethene	ug/l	1200	1400	930	1000
1,1,1-Trichloroethane	ug/l			220	

DATE OF REPORT: 3/01/93

SIGNATURE: John M. Wakefield

NAME (TYPED): John M. Wakefield

b:asses.1/bas

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

1st Quarter 1992

FACILITY NAME: SPARTON TECHNOLOGY, INC.

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER	MW-9	SAMPLE COLLECTION BY	ROBERT J. BALDONADO
WELL DEPTH	77.79	LABORATORY NAME	ENSECO-RMAL
DATE SAMPLED	1-14-92	LABORATORY SAMPLE I.D. #	020236-0004-SA
TIME SAMPLED	1405	DATE RECIEVED BY LAB.	1-15-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4976.18	1-14-92
Well Casing Volume	-----	gal.	1.69	1-14-92
Pump Rate	-----	gal/min	0.06	"
Pump Period	72004	min.	82	"
Volume Evacuated	73675	gal.	5.25	"
Well Sampling Method	84077	---	BLDRP	"
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003404

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.7	NA	1-15-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	941	1.0	1-15-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	830	300	1-19-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	0.98	0.50	1-16-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA = Not Applicable

GROUND WATER QUALITY PARAMETERS

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: 3-30-92

SIGNATURE: John M. Wakefield

NAME (PRINTED): John M. Wakefield

NA = Not Applicable

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-9
Lab ID: 020236-0004-SA
Matrix: AQUEOUS Sampled: 14 JAN 92 Received: 15 JAN 92
Authorized: 15 JAN 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.7	units	--	9040	NA	15 JAN 92
Specific Conductance at 25 deg.C	941	umhos/cm	1.0	120.1	NA	15 JAN 92
Total Organic Carbon	0.98	mg/L	0.50	9060	NA	16 JAN 92
Total Organic Halogen as Cl	830	ug/L	300	9020	NA	19 JAN 92

ND = Not detected
NA = Not applicable

Reported By: Jody Tolle Approved By: Roxanne Sullivan

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.

1st Quarter 1992

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-9 *

SAMPLE COLLECTION BY: JOHN M. WAKEFIELD

WELL DEPTH: 77.79

LABORATORY NAME: ENSECO-RMAL

DATE SAMPLED: 1-29-92

LABORATORY SAMPLE I.D. #: 020679-0005-SA

TIME SAMPLED: 1334

DATE RECIEVED BY LAB.: 1-30-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4975.93	1-29-92
Well Casing Volume	-----	gal.	1.65	"
Pump Rate	-----	gal/min	0.07	"
Pump Period	72004	min.	67	"
Volume Evacuated	73675	gal.	5.0	"
Well Sampling Method	84077	---	BLDRP	"
Sampler Material	____	---	TEFLN	N/A

Well Sampling Method: BLDRP

* The sample holding time for TCE was exceeded by Enseco-RMAL on the original MW-9 sample (020236-0004-SA) This is the MW-9 resample for TCE and 1,1-DCE.

MONITORING TOTAL APPENDIX VII IX DATA FOR FACILITY IN ASSESSMENT

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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1- Dichloroethene		ug/L	ND	100	2-4-92	2-12-92	8240
Trichloroethene		ug/L	1200	100	2-4-92	2-12-92	8240

ND = Not detected

John M. Wolfstad 3/31/92

003409

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-9
Lab ID: 020679-0005-SA
Matrix: AQUEOUS Sampled: 29 JAN 92 Received: 30 JAN 92
Authorized: 30 JAN 92 Prepared: 04 FEB 92 Analyzed: 12 FEB 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	ND	ug/L	100
Trichloroethene	1200	ug/L	100

Surrogate	Recovery	
Toluene-d8	98	%
4-Bromofluorobenzene	96	%
1,2-Dichloroethane-d4	108	%

ND = Not detected
NA = Not applicable

Reported By: Scott McPhail Approved By: Karen Kuiken

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.

2nd Quarter 1992

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-9
WELL DEPTH: 77.79
DATE SAMPLED: 4-6-92
TIME SAMPLED: 1234

SAMPLE COLLECTION BY: JOHN M. WAKEFIELD
LABORATORY NAME: ENSECO-RMAL
LABORATORY SAMPLE I.D. #: 022031-0004-SA
DATE RECIEVED BY LAB.: 4-7-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4975.85	4-6-92
Well Casing Volume	-----	gal.	1.63	"
Pump Rate	-----	gal/min	0.10	"
Pump Period	72004	min.	52	"
Volume Evacuated	73675	gal.	5.0	"
Well Sampling Method	84077	---	BLDRP	"
Sampler Material	____	---	TEFLN	N/A

Well Sampling Method: BLDRP

003411

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.7	NA	4-7-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	958	1.0	4-7-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	591	150	4-22-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.6	0.50	4-20-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

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: 6-18-92

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

NA = Not applicable

MONITORING WELL APPENDIX VI or IX DATA FOR FACILITIES IN ASSESSMENT

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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	72	50	4-7-92	4-19-92	8240
Trichloroethene		UG/L	1400	50	4-7-92	4-19-92	8240

ND= Not Detected

003414

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-9
Lab ID: 022031-0004-SA
Matrix: AQUEOUS
Authorized: 07 APR 92

Sampled: 06 APR 92
Prepared: See Below

Received: 07 APR 92
Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.7	units	--	9040	NA	07 APR 92
Specific Conductance at 25 deg.C	958	umhos/cm	1.0	120.1	NA	07 APR 92
Total Organic Carbon	1.6	mg/L	0.50	9060	NA	20 APR 92
Total Organic Halogen as Cl	591	ug/L	150	9020	NA	22 APR 92

ND = Not detected
NA = Not applicable

Reported By: Rodney Smith

Approved By: Toni Lusk

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-9
Lab ID: 022031-0004-SA
Matrix: AQUEOUS
Authorized: 07 APR 92

Sampled: 06 APR 92
Prepared: 07 APR 92

Received: 07 APR 92
Analyzed: 19 APR 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	72	ug/L	50
Trichloroethene	1400	ug/L	50

Surrogate	Recovery	
Toluene-d8	105	%
4-Bromofluorobenzene	98	%
1,2-Dichloroethane-d4	97	%

ND = Not detected
NA = Not applicable

Reported By: SWILLMS

Approved By: CRITCHIE

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

3rd Quarter 1992

FACILITY NAME SPARTON TECHNOLOGY, INC.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-9 SAMPLE COLLECTION BY JOHN M. WAKEFIELD

WELL DEPTH 77.79 LABORATORY NAME ENSECO-RMAL

DATE SAMPLED 7-13-92 LABORATORY SAMPLE I.D. # 023821-0003-SA

TIME SAMPLED 1223 DATE RECIEVED BY LAB. 7-14-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4977.27	7-13-92
Well Casing Volume	-----	gal.	1.86	7-13-92
Pump Rate	-----	gal/min	0.13	7-13-92
Pump Period	72004	min.	44	7-13-92
Volume Evacuated	73675	gal.	5.9	7-13-92
Well Sampling Method	84077	---	BLDRP	7-13-92
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003417

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.6	NA	7-14-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	917	1.0	7-14-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	734	60.0	7-27-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	2.2	0.50	7-28-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	26.4	3.0	7-21-92	300.0
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	140	10	7-21-92	6010
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	83.1	5.0	7-21-92	6010
Sulfate	00945	mg/l	230	5.0	7-21-92	300.0
Turbidity		NTU	NA			

DATE OF THIS REPORT: 10-6-92

SIGNATURE: John M. Wakefield

NAME (PRINTED): John M. Wakefield

NA= Not Applicable

MONITORING WELL APPENDIX VI or IX DATA FOR FACILITIES IN ASSESSMENT

Under assessment monitoring as per IWMR-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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	47	25	7-16-92	8-7-92	8240
Trichloroethene		UG/L	930	25	7-16-92	8-7-92	8240
1, 1, 1 - Trichloroethane		UG/L	220	25	7-16-92	8-7-92	8240

003420

ND= Not Detected

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-9
Lab ID: 023821-0003-SA
Matrix: AQUEOUS Sampled: 13 JUL 92 Received: 14 JUL 92
Authorized: 14 JUL 92 Prepared: 16 JUL 92 Analyzed: 07 AUG 92

Parameter	Result	Units	Reporting Limit
Acetone	ND	ug/L	50
Acetonitrile	ND	ug/L	1000
Acrolein	ND	ug/L	500
Acrylonitrile	ND	ug/L	500
Allyl chloride	ND	ug/L	50
Benzene	ND	ug/L	25
Bromodichloromethane	ND	ug/L	25
Bromoform	ND	ug/L	25
Bromomethane	ND	ug/L	50
2-Butanone (MEK)	ND	ug/L	50
Carbon disulfide	ND	ug/L	25
Carbon tetrachloride	ND	ug/L	25
Chlorobenzene	ND	ug/L	25
Chloroethane	ND	ug/L	50
Chloroform	ND	ug/L	25
Chloromethane	ND	ug/L	50
Chloroprene	ND	ug/L	25
Dibromochloromethane	ND	ug/L	25
1,2-Dibromo-3-chloro-propane (DBCP)	ND	ug/L	50
1,2-Dibromoethane (EDB)	ND	ug/L	50
Dibromomethane	ND	ug/L	25
trans-1,4-Dichloro-2-butene	ND	ug/L	25
Dichlorodifluoromethane	ND	ug/L	100
1,1-Dichloroethane	ND	ug/L	25
1,2-Dichloroethane	ND	ug/L	25
1,1-Dichloroethene	47	ug/L	25
1,2-Dichloroethene (total)	ND	ug/L	25
1,2-Dichloropropane	ND	ug/L	25
cis-1,3-Dichloropropene	ND	ug/L	25
trans-1,3-Dichloropropene	ND	ug/L	25
1,4-Dioxane	ND	ug/L	2500
Ethylbenzene	ND	ug/L	25
Ethyl methacrylate	ND	ug/L	100
Iodomethane	ND	ug/L	25
Isobutanol	ND	ug/L	1000
2-Hexanone	ND	ug/L	50
Methacrylonitrile	ND	ug/L	25
Methylene chloride	ND	ug/L	25

(continued on following page)

ND = Not detected
NA = Not applicable

Reported By: Eric Greenleaf Approved By: Karen Kuiken

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-9
Lab ID: 023821-0003-SA
Matrix: AQUEOUS Sampled: 13 JUL 92 Received: 14 JUL 92
Authorized: 14 JUL 92 Prepared: 16 JUL 92 Analyzed: 07 AUG 92

Parameter	Result	Units	Reporting Limit
Methyl methacrylate	ND	ug/L	100
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50
Propionitrile	ND	ug/L	25
Styrene	ND	ug/L	25
1,1,1,2-Tetrachloroethane	ND	ug/L	25
1,1,2,2-Tetrachloroethane	ND	ug/L	25
Tetrachloroethene	ND	ug/L	25
Toluene	ND	ug/L	25
1,1,1-Trichloroethane	220	ug/L	25
1,1,2-Trichloroethane	ND	ug/L	25
Trichloroethene	930	ug/L	25
Trichlorofluoromethane	ND	ug/L	25
1,2,3-Trichloropropane	ND	ug/L	25
Vinyl acetate	ND	ug/L	50
Vinyl chloride	ND	ug/L	50
Xylenes (total)	ND	ug/L	25

Surrogate	Recovery	
Toluene-d8	107	%
4-Bromofluorobenzene	91	%
1,2-Dichloroethane-d4	101	%

ND = Not detected
NA = Not applicable

Reported By: Eric Greenleaf Approved By: Karen Kuiken

Enseco
A Corning Company

Metals

Total Metals

Client Name: Sparton Technology, Inc.
Client ID: MW-9
Lab ID: 023821-0003-SA
Matrix: AQUEOUS
Authorized: 14 JUL 92

Sampled: 13 JUL 92
Prepared: See Below

Received: 14 JUL 92
Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chromium III	ND	mg/L	0.010	7196/6010	NA	30 JUL 92
Chromium (VI)	ND	mg/L	0.010	7196	NA	14 JUL 92
Boron	1.3	mg/L	0.10	6010	17 JUL 92	21 JUL 92
Manganese	0.14	mg/L	0.010	6010	17 JUL 92	21 JUL 92
Nickel	ND	mg/L	0.040	6010	17 JUL 92	21 JUL 92
Sodium	83.1	mg/L	5.0	6010	17 JUL 92	21 JUL 92

ND = Not detected
NA = Not applicable

Reported By: Bill McCall

Approved By: Will Pratt

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology, Inc.
Client ID: MW-9
Lab ID: 023821-0003-SA
Matrix: AQUEOUS
Authorized: 14 JUL 92

Sampled: 13 JUL 92
Prepared: See Below

Received: 14 JUL 92
Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chloride	26.4	mg/L	3.0	300.0	NA	21 JUL 92
Nitrate plus Nitrite	5.5	mg/L	0.50	353.2	NA	16 JUL 92
Nitrate as N	5.3	mg/L	0.50	353.2/354.1	NA	16 JUL 92
pH	7.6	units	--	9040	NA	14 JUL 92
Sulfate	230	mg/L	5.0	300.0	NA	21 JUL 92
Specific Conductance at 25 deg.C	917	umhos/cm	1.0	120.1	NA	14 JUL 92
Total Kjeldahl Nitrogen as N	1.5	mg/L	0.50	351.2	NA	17 JUL 92
Total Organic Carbon	2.2	mg/L	0.50	9060	NA	28 JUL 92
Total Organic Halogen as Cl	734	ug/L	60.0	9020	NA	27 JUL 92

ND = Not detected
NA = Not applicable

Reported By: Kaye Ryman

Approved By: Will Pratt

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.

4th Quarter 1992

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-9

SAMPLE COLLECTION BY Peter H. Metzner

WELL DEPTH 77.79

LABORATORY NAME ENSECO-RMAL

DATE SAMPLED 9-23-92

LABORATORY SAMPLE I.D. # 025295-0003-SA

TIME SAMPLED 1040

DATE RECIEVED BY LAB. 9-24-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4976.65	9-23-92
Well Casing Volume	-----	gal.	1.76	9-23-92
Pump Rate	-----	gal/min	0.13	9-23-92
Pump Period	72004	min.	42	9-23-92
Volume Evacuated	73675	gal.	5.4	9-23-92
Well Sampling Method	84077	---	BLDRP	N/A
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003425

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
MW-9						
pH	00400	S.U.	7.7	NA	9-24-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	991	1.0	9-24-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	1110	300	10-8-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	2.7	0.50	9-28-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
MW-9						
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: 1-6-93

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

NA = Not applicable

MONITORING WELL APPENDIX VI or IX DATA FOR FACILITIES IN ASSESSMENT

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.

MW-9

PARAMETER	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	61	25	9-24-92	10-7-92	8240
Trichloroethene		UG/L	1000	25	9-24-92	10-7-92	8240

003428

ND= Not Detected

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-9
Lab ID: 025295-0003-SA
Matrix: AQUEOUS Sampled: 23 SEP 92 Received: 24 SEP 92
Authorized: 24 SEP 92 Prepared: 24 SEP 92 Analyzed: 07 OCT 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	61	ug/L	25
Trichloroethene	1000	ug/L	25

Surrogate	Recovery	
Toluene-d8	107	%
4-Bromofluorobenzene	104	%
1,2-Dichloroethane-d4	105	%

ND = Not detected
NA = Not applicable

Reported By: Sandra Jones Approved By: Mark Pokorny

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology, Inc.
Client ID: MW-9
Lab ID: 025295-0003-SA
Matrix: AQUEOUS Sampled: 23 SEP 92 Received: 24 SEP 92
Authorized: 24 SEP 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.7	units	--	9040	NA	24 SEP 92
Specific Conductance at 25 deg.C	991	umhos/cm	1.0	120.1	NA	24 SEP 92
Total Organic Carbon	2.7	mg/L	0.50	9060	NA	28 SEP 92
Total Organic Halogen as Cl	1110	ug/L	300	9020	NA	08 OCT 92

ND = Not detected
NA = Not applicable

Reported By: Rodney Smith Approved By: Will Pratt

MONITORING WELL IDENTIFICATION REPORT

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME ____SPARTON TECHNOLOGY, INC._____

EPA I.D. NUMBER ____NMD 083212332_____

COUNTY ____BERNALILLO_____

WELL NUMBER ____MW-14_____

WELL LOCATION (LONGITUDE) ____106____39'____45.8''___*

WELL LOCATION (LATITUDE) _____35____11'____20.1''___*

AQUIFER NAME __RIO GRANDE ALLUVIAL_____

AQUIFER; CONFINED _____ UNCONFINED ___X____

WELL INSTALLATION DATE ___8/24/84_____

DRILLING METHOD ___HYDRT_____

INNER CASING DIAMETER ___2.0_____

BOREHOLE DIAMETER ___8.0_____

CASING MATERIAL ___PVC_____

METHOD OF DEVELOPMENT ___COMPR_____

ELEV BOTTOM OF BOREHOLE ___4910.46_____

ELEV BOTTOM OF WELL CASING ___4969.96_____**

ELEV BOTTOM OF SCREENED INT___4969.96_____**

ELEV OF TOP OF SCREENED INT___4979.96_____

SURVEYED ELEV OF CASING TOP___5041.62_____

SURVEYED MEASURING PT. ELEV___5041.91_____

DATE OF REPORT ___2/28/93____ SIGNATURE: John M. Wakefield

NAME (TYPED) _John M. Wakefield___

b:wellid/bass
* Scaled from USGS 7.5' quad.
** Plugged back to this depth on 1/14/88

ANNUAL SUMMARY OF MONITOR WELL DATA
FOR ASSESSMENT MONITORING

This form is for annual presentation of data by all facilities operating under interim status. [HWMR-5, Part VI, Section 265.93(f) and 265.4(b)].

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME SPARTON TECHNOLOGY INC.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-14

		SAMPLE DATES			
		1/14/92	4/06/92	7/13/92	9/23/92
PARAMETERS	**UNITS**	**VALUE**			
Elev. of G.Water	ft.	4973.82	4973.90	4974.74	4974.87
pH (Avg)	S.U.	10.3	10.3	9.1	8.6
Spec Cond (Avg)	umhos/cm	778	800	722	754
T.O.X. (Avg)	ug/1	850	945	624	661
T.O.C. (Avg)	mg/1	1.2	1.5	2.1	2.1
Chloride	mg/1			45.7	
Iron	ug/1				
Manganese	ug/1			<10	
Phenols	ug/1				
Sodium	mg/1			64.8	
Sulfate	mg/1			177	
Turbidity	NTU				

APPENDIX IX PARAMETERS
MW-14

PARAMETERS	UNITS	SAMPLE DATES 1/29/92	4/06/92	7/13/92	9/23/92
		VALUE			
1,1-Dichloroethene	ug/l	110	<50	<50	54
Trichloroethene	ug/l	1300	1400	860	1100
1,1,1-Trichloroethane	ug/l			<50	
Chromium (VI)	mg/l				
Chromium (VI)	mg/l			Cr^{+6} 0.63	

DATE OF REPORT: 3/01/93

SIGNATURE: John M. Wakefield

NAME (TYPED): John M. Wakefield

b:asses.1/bas

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.

1st Quarter 1992

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER	MW-14	SAMPLE COLLECTION BY	JOHN M. WAKEFIELD
WELL DEPTH	71.66	LABORATORY NAME	ENSECO-RMAL
DATE SAMPLED	1-14-92	LABORATORY SAMPLE I.D. #	020236-0003-SA
TIME SAMPLED	1130	DATE RECIEVED BY LAB.	1-15-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4973.82	1-14-92
Well Casing Volume	-----	gal.	0.62	"
Pump Rate	-----	gal/min	0.08	"
Pump Period	72004	min.	26	"
Volume Evacuated	73675	gal.	2.0	"
Well Sampling Method	84077	---	BLDRP	"
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003434

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	10.3	NA	1-15-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	778	1.0	1-15-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	850	300	1-19-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.2	0.50	1-16-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

GROUND WATER QUALITY PARAMETERS

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: 3/31/92

SIGNATURE: John M. Wakefield

NAME (PRINTED): John M. Wakefield

NA = Not applicable

003436

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-14
Lab ID: 020236-0003-SA
Matrix: AQUEOUS Sampled: 14 JAN 92 Received: 15 JAN 92
Authorized: 15 JAN 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	10.3	units	--	9040	NA	15 JAN 92
Specific Conductance at 25 deg.C	778	umhos/cm	1.0	120.1	NA	15 JAN 92
Total Organic Carbon	1.2	mg/L	0.50	9060	NA	16 JAN 92
Total Organic Halogen as Cl	850	ug/L	300	9020	NA	19 JAN 92

ND = Not detected
NA = Not applicable

Reported By: Jody Tolle Approved By: Roxanne Sullivan

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. 1st Quarter 1992

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-14 * SAMPLE COLLECTION BY JOHN M. WAKEFIELD

WELL DEPTH 71.66 LABORATORY NAME ENSECO-RMAL

DATE SAMPLED 1-29-92 LABORATORY SAMPLE I.D. # 020679-0003-SA

TIME SAMPLED 1055 DATE RECIEVED BY LAB. 1-30-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4973.65	1-29-92
Well Casing Volume	----	gal.	0.59	"
Pump Rate	----	gal/min	0.11	"
Pump Period	72004	min.	18	"
Volume Evacuated	73675	gal.	2.0	"
Well Sampling Method	84077	---	BLDRP	"
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

* The sample holding time for TCE was exceeded by Enseco-RMAL on the original MW-14 sample, (020236-0003-SA). This is the MW-14 resample for TCE, 1,1-DCE analysis.

MONITORING WELL APPENDIX VII - IX DATA FOR FACILITIES IN ASSESSMENT

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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1-Dichloroethene		ug/L	110	100	2-4-92	2-12-92	8240
Trichloroethene		ug/L	1300	100	2-4-92	2-12-92	8240

John M. Wakefield 3/31/92

003439

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-14
Lab ID: 020679-0003-SA
Matrix: AQUEOUS Sampled: 29 JAN 92 Received: 30 JAN 92
Authorized: 30 JAN 92 Prepared: 04 FEB 92 Analyzed: 12 FEB 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	110	ug/L	100
Trichloroethene	1300	ug/L	100

Surrogate	Recovery	
Toluene-d8	95	%
4-Bromofluorobenzene	98	%
1,2-Dichloroethane-d4	105	%

ND = Not detected
NA = Not applicable

Reported By: Scott McPhail Approved By: Karen Kuiken

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. 2nd Quarter 1992

EPA I.D. NUMBER NMD 083212332

WELL NUMBER	MW-14	SAMPLE COLLECTION BY	JOHN M. WAKEFIELD
WELL DEPTH	71.66	LABORATORY NAME	ENSECO-RMAL
DATE SAMPLED	4-6-92	LABORATORY SAMPLE I.D. #	022031-0003-SA
TIME SAMPLED	1216	DATE RECIEVED BY LAB.	4-7-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4973.90	4-6-92
Well Casing Volume	----	gal.	0.63	"
Pump Rate	----	gal/min	0.17	"
Pump Period	72004	min.	12	"
Volume Evacuated	73675	gal.	2.0	"
Well Sampling Method	84077	---	BLDRP	"
Sampler Material	----	---	TEFLN	N/A

Well Sampling Method: BLDRP

003441

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	10.3	NA	4-7-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	800	1.0	4-7-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	945	30.0	4-21-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.5	0.50	4-20-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

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: 6-18-92

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

NA = Not applicable

003443

MONITORING WELL APPENDIX VI or IX DATA FOR FACILITIES IN ASSESSMENT

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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	ND	50	4-7-92	4-18-92	8240
Trichloroethene		UG/L	1400	50	4-7-92	4-18-92	8240

ND= Not Detected

003444

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-14
Lab ID: 022031-0003-SA
Matrix: AQUEOUS Sampled: 06 APR 92 Received: 07 APR 92
Authorized: 07 APR 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	10.3	units	--	9040	NA	07 APR 92
Specific Conductance at 25 deg.C	800	umhos/cm	1.0	120.1	NA	07 APR 92
Total Organic Carbon	1.5	mg/L	0.50	9060	NA	20 APR 92
Total Organic Halogen as Cl	945	ug/L	30.0	9020	NA	21 APR 92

ND = Not detected
NA = Not applicable

Reported By: Rodney Smith Approved By: Toni Lusk

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-14
Lab ID: 022031-0003-SA
Matrix: AQUEOUS Sampled: 06 APR 92 Received: 07 APR 92
Authorized: 07 APR 92 Prepared: 07 APR 92 Analyzed: 18 APR 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	ND	ug/L	50
Trichloroethene	1400	ug/L	50

Surrogate	Recovery	
Toluene-d8	103	%
4-Bromofluorobenzene	96	%
1,2-Dichloroethane-d4	99	%

ND = Not detected
NA = Not applicable

Reported By: SWILLMS Approved By: CRITCHIE

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-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

3rd Quarter 1992

FACILITY NAME SPARTON TECHNOLOGY, INC.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-14 SAMPLE COLLECTION BY JOHN M. WAKEFIELD

WELL DEPTH 71.66 LABORATORY NAME ENSECO-RMAL

DATE SAMPLED 7-13-92 LABORATORY SAMPLE I.D. # 023821-0004-SA

TIME SAMPLED 1308 DATE RECIEVED BY LAB. 7-14-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4974.74	7-13-92
Well Casing Volume	-----	gal.	0.77	7-13-92
Pump Rate	-----	gal/min	0.24	7-13-92
Pump Period	72004	min.	11	7-13-92
Volume Evacuated	73675	gal.	2.6	7-13-92
Well Sampling Method	84077	---	BLDRP	7-13-92
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003447

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	9.1	NA	7-14-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	722	1.0	7-14-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	624	150	7-27-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	2.1	0.50	7-28-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	45.7	3.0	7-21-92	300.0
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	ND	10	7-21-92	6010
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	64.8	5.0	7-21-92	6010
Sulfate	00945	mg/l	177	5.0	7-21-92	300.0
Turbidity		NTU	NA			

DATE OF THIS REPORT: 10-6-92

SIGNATURE: John M. Wakefield

NAME (PRINTED): John M. Wakefield

NA= Not Applicable

ND= Not Detected

003449

MONITORING WELL APPENDIX VI or IX DATA FOR FACILITIES IN ASSESSMENT

Under assessment monitoring as per IWMR-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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	ND	50	7-16-92	7-22-92	8240
Trichloroethene		UG/L	860	50	7-16-92	7-22-92	8240
1, 1, 1 - Trichloroethane		UG/L	ND	50	7-16-92	7-22-92	8240
Chromium (VI)		mg/L	0.63	0.050	NA	7-14-92	7196

003450

ND= Not Detected

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-14
Lab ID: 023821-0004-SA
Matrix: AQUEOUS Sampled: 13 JUL 92 Received: 14 JUL 92
Authorized: 14 JUL 92 Prepared: 16 JUL 92 Analyzed: 22 JUL 92

Parameter	Result	Units	Reporting Limit
Acetone	ND	ug/L	100
Acetonitrile	ND	ug/L	2000
Acrolein	ND	ug/L	1000
Acrylonitrile	ND	ug/L	1000
Allyl chloride	ND	ug/L	100
Benzene	ND	ug/L	50
Bromodichloromethane	ND	ug/L	50
Bromoform	ND	ug/L	50
Bromomethane	ND	ug/L	100
2-Butanone (MEK)	ND	ug/L	100
Carbon disulfide	ND	ug/L	50
Carbon tetrachloride	ND	ug/L	50
Chlorobenzene	ND	ug/L	50
Chloroethane	ND	ug/L	100
Chloroform	ND	ug/L	50
Chloromethane	ND	ug/L	100
Chloroprene	ND	ug/L	50
Dibromochloromethane	ND	ug/L	50
1,2-Dibromo-3-chloro-propane (DBCP)	ND	ug/L	100
1,2-Dibromoethane (EDB)	ND	ug/L	100
Dibromomethane	ND	ug/L	50
trans-1,4-Dichloro-2-butene	ND	ug/L	50
Dichlorodifluoromethane	ND	ug/L	200
1,1-Dichloroethane	ND	ug/L	50
1,2-Dichloroethane	ND	ug/L	50
1,1-Dichloroethene	ND	ug/L	50
1,2-Dichloroethene (total)	ND	ug/L	50
1,2-Dichloropropane	ND	ug/L	50
cis-1,3-Dichloropropene	ND	ug/L	50
trans-1,3-Dichloropropene	ND	ug/L	50
1,4-Dioxane	ND	ug/L	5000
Ethylbenzene	ND	ug/L	50
Ethyl methacrylate	ND	ug/L	200
Iodomethane	ND	ug/L	50
Isobutanol	ND	ug/L	2000
2-Hexanone	ND	ug/L	100
Methacrylonitrile	ND	ug/L	50
Methylene chloride	ND	ug/L	50

(continued on following page)

ND = Not detected
NA = Not applicable

Reported By: Eric Greenleaf Approved By: Karen Kuiken

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-14
Lab ID: 023821-0004-SA
Matrix: AQUEOUS
Authorized: 14 JUL 92

Sampled: 13 JUL 92
Prepared: 16 JUL 92

Received: 14 JUL 92
Analyzed: 22 JUL 92

Parameter	Result	Units	Reporting Limit
Methyl methacrylate	ND	ug/L	200
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100
Propionitrile	ND	ug/L	50
Styrene	ND	ug/L	50
1,1,1,2-Tetrachloroethane	ND	ug/L	50
1,1,2,2-Tetrachloroethane	ND	ug/L	50
Tetrachloroethene	ND	ug/L	50
Toluene	ND	ug/L	50
1,1,1-Trichloroethane	ND	ug/L	50
1,1,2-Trichloroethane	ND	ug/L	50
Trichloroethene	860	ug/L	50
Trichlorofluoromethane	ND	ug/L	50
1,2,3-Trichloropropane	ND	ug/L	50
Vinyl acetate	ND	ug/L	100
Vinyl chloride	ND	ug/L	100
Xylenes (total)	ND	ug/L	50

Surrogate	Recovery	
Toluene-d8	94	%
4-Bromofluorobenzene	87	%
1,2-Dichloroethane-d4	96	%

ND = Not detected
NA = Not applicable

Reported By: Eric Greenleaf

Approved By: Karen Kuiken

Enseco
A Cuming Company

Metals

Total Metals

Client Name: Sparton Technology, Inc.
Client ID: MW-14
Lab ID: 023821-0004-SA
Matrix: AQUEOUS
Authorized: 14 JUL 92

Sampled: 13 JUL 92
Prepared: See Below

Received: 14 JUL 92
Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chromium III	ND	mg/L	0.010	7196/6010	NA	30 JUL 92
Chromium (VI)	0.63	mg/L	0.050	7196	NA	14 JUL 92
Boron	1.2	mg/L	0.10	6010	17 JUL 92	21 JUL 92
Manganese	ND	mg/L	0.010	6010	17 JUL 92	21 JUL 92
Nickel	ND	mg/L	0.040	6010	17 JUL 92	21 JUL 92
Sodium	64.8	mg/L	5.0	6010	17 JUL 92	21 JUL 92

ND = Not detected
NA = Not applicable

Reported By: Bill McCall

Approved By: Will Pratt

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology, Inc.
Client ID: MW-14
Lab ID: 023821-0004-SA
Matrix: AQUEOUS Sampled: 13 JUL 92 Received: 14 JUL 92
Authorized: 14 JUL 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chloride	45.7	mg/L	3.0	300.0	NA	21 JUL 92
Nitrate plus Nitrite	19.8	mg/L	1.0	353.2	NA	16 JUL 92
Nitrate as N	19.8	mg/L	1.0	353.2/354.1	NA	16 JUL 92
pH	9.1	units	--	9040	NA	14 JUL 92
Sulfate	177	mg/L	5.0	300.0	NA	21 JUL 92
Specific Conductance at 25 deg.C	722	umhos/cm	1.0	120.1	NA	14 JUL 92
Total Kjeldahl Nitrogen as N	ND	mg/L	0.50	351.2	NA	17 JUL 92
Total Organic Carbon	2.1	mg/L	0.50	9060	NA	28 JUL 92
Total Organic Halogen as Cl	624	ug/L	150	9020	NA	27 JUL 92

ND = Not detected
NA = Not applicable

Reported By: Kaye Ryman Approved By: Will Pratt

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

4th Quarter 1992

FACILITY NAME SPARTON TECHNOLOGY, INC.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-14 SAMPLE COLLECTION BY Peter H. Metzner

WELL DEPTH 71.66 LABORATORY NAME ENSECO-RMAL

DATE SAMPLED 9-23-92 LABORATORY SAMPLE I.D. # 025295-0004-SA

TIME SAMPLED 1141 DATE RECIEVED BY LAB. 9-24-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4974.87	9-23-92
Well Casing Volume	-----	gal.	0.79	9-23-92
Pump Rate	-----	gal/min	0.05	9-23-92
Pump Period	72004	min.	45	9-23-92
Volume Evacuated	73675	gal.	2.4	9-23-92
Well Sampling Method	84077	---	BLDRP	9-23-92
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003455

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
MW-14						
pH	00400	S.U.	8.6	NA	9-24-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	754	1.0	9-24-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	661	300	10-8-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	2.1	0.50	9-28-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
MW-14						
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: 1-8-93

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

NA = Not applicable

MONITORING WELL APPENDIX VI or IX DATA FOR FACILITIES IN ASSESSMENT

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.

MW-14

PARAMETER	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	54	33	9-24-92	10-8-92	8240
Trichloroethene		UG/L	1100	33	9-24-92	10-8-92	8240

ND= Not Detected

003458

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-14
Lab ID: 025295-0004-SA
Matrix: AQUEOUS Sampled: 23 SEP 92 Received: 24 SEP 92
Authorized: 24 SEP 92 Prepared: 24 SEP 92 Analyzed: 08 OCT 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	54	ug/L	33
Trichloroethene	1100	ug/L	33

Surrogate	Recovery	
Toluene-d8	100	%
4-Bromofluorobenzene	96	%
1,2-Dichloroethane-d4	97	%

ND = Not detected
NA = Not applicable

Reported By: Paul Reinwald Approved By: Mark Pokorny

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology, Inc.
Client ID: MW-14
Lab ID: 025295-0004-SA
Matrix: AQUEOUS Sampled: 23 SEP 92 Received: 24 SEP 92
Authorized: 24 SEP 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	8.6	units	--	9040	NA	24 SEP 92
Specific Conductance at 25 deg.C	754	umhos/cm	1.0	120.1	NA	24 SEP 92
Total Organic Carbon	2.1	mg/L	0.50	9060	NA	28 SEP 92
Total Organic Halogen as Cl	661	ug/L	300	9020	NA	08 OCT 92

ND = Not detected
NA = Not applicable

Reported By: Rodney Smith Approved By: Will Pratt

MONITORING WELL IDENTIFICATION REPORT

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME ____SPARTON TECHNOLOGY, INC._____

EPA I.D. NUMBER ____NMD 083212332_____

COUNTY ____BERNALILLO_____

WELL NUMBER ____MW-15_____

WELL LOCATION (LONGITUDE) ____106____39'____42.6''___*

WELL LOCATION (LATITUDE) _____35____11'____23.0''___*

AQUIFER NAME __RIO GRANDE ALLUVIAL_____

AQUIFER; CONFINED _____ UNCONFINED ___X____

WELL INSTALLATION DATE ___8/23/84_____

DRILLING METHOD ___HYDRT_____

INNER CASING DIAMETER ___2.0_____

BOREHOLE DIAMETER ___8.0_____

CASING MATERIAL ___PVC_____

METHOD OF DEVELOPMENT ___COMPR_____

ELEV BOTTOM OF BOREHOLE ___4908.32_____

ELEV BOTTOM OF WELL CASING ___4974.32_____**

ELEV BOTTOM OF SCREENED INT___4974.32_____**

ELEV OF TOP OF SCREENED INT___4984.32_____

SURVEYED ELEV OF CASING TOP___5047.15_____

SURVEYED MEASURING PT. ELEV___5047.49_____

DATE OF REPORT ___2/28/93____ SIGNATURE: John M. Wakefield

NAME (TYPED) _John M. Wakefield___

b:wellid/bass

003461

* Scaled from USGS 7.5' quad.
** Plugged back to this depth on 1/15/88

ANNUAL SUMMARY OF MONITOR WELL DATA
FOR ASSESSMENT MONITORING

This form is for annual presentation of data by all facilities operating under interim status. [HWMR-5, Part VI, Section 265.93(f) and 265.4(b)].

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME SPARTON TECHNOLOGY INC.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-15

		SAMPLE DATES			
		1/15/92	4/07/92	7/14/92	9/23/92
PARAMETERS	UNITS	VALUE			
Elev. of G.Water	ft.	4977.02	4976.10	4977.02	4976.71
pH (Avg)	S.U.	7.8	7.8	7.8	7.8
Spec Cond (Avg)	umhos/cm	795	703	705	783
T.O.X. (Avg)	ug/1	<30.0	53.6	<60.0	67.6
T.O.C. (Avg)	mg/1	1.1	0.74	1.1	1.2
Chloride	mg/1			36.7	
Iron	ug/1				
Manganese	ug/1			<10	
Phenols	ug/1				
Sodium	mg/1			53.6	
Sulfate	mg/1			103	
Turbidity	NTU				

APPENDIX IX PARAMETERS
MW-15

		SAMPLE DATES			
		1/15/92	4/07/92	7/14/92	9/23/92
PARAMETERS	UNITS	VALUE			
1,1-Dichloroethene	ug/l	<5.0	<5.0	<5.0	<5.0
Trichloroethene	ug/l	64	54	49	66
1,1,1-Trichloroethane	ug/l			19	

DATE OF REPORT: 3/01/93

SIGNATURE: John M. Wakefield

NAME (TYPED): John M. Wakefield

b:asses.1/bas

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.

1st Quarter 1992

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-15
WELL DEPTH: 72.83
DATE SAMPLED: 1-15-92
TIME SAMPLED: 1042

SAMPLE COLLECTION BY: JOHN M. WAKEFIELD
LABORATORY NAME: ENSECO-RMAL
LABORATORY SAMPLE I.D. #: 020272-0002-SA
DATE RECIEVED BY LAB.: 1-16-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4977.02	1-15-92
Well Casing Volume	-----	gal.	0.43	"
Pump Rate	-----	gal/min	0.04	"
Pump Period	72004	min.	41	"
Volume Evacuated	73675	gal.	1.5	"
Well Sampling Method	84077	---	BLDRP	"
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003464

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.8	NA	1-16-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	795	1.0	1-16-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	ND	30.0	1-29-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.1	0.50	1-20-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA = Not applicable
ND = Not detected

GROUND WATER QUALITY PARAMETERS

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: 3-31-92

SIGNATURE: John M. Wakefield

NAME (PRINTED): John M. Wakefield

NA = Not applicable

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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1-Dichloroethane		ug/L	ND	5.0	1-20-92	1-23-92	8240
Trichloroethane		ug/L	64	5.0	1-20-92	1-23-92	8240

ND = Not detected

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-15
Lab ID: 020272-0002-SA
Matrix: AQUEOUS
Authorized: 16 JAN 92

Sampled: 15 JAN 92
Prepared: See Below

Received: 16 JAN 92
Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.8	units	--	9040	NA	16 JAN 92
Specific Conductance at 25 deg.C	795	umhos/cm	1.0	120.1	NA	16 JAN 92
Total Organic Carbon	1.1	mg/L	0.50	9060	NA	20 JAN 92
Total Organic Halogen as Cl	ND	ug/L	30.0	9020	NA	29 JAN 92

ND = Not detected
NA = Not applicable

Reported By: Blake Besser

Approved By: Will Pratt

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-15
Lab ID: 020272-0002-SA
Matrix: AQUEOUS Sampled: 15 JAN 92 Received: 16 JAN 92
Authorized: 16 JAN 92 Prepared: 20 JAN 92 Analyzed: 23 JAN 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	ND	ug/L	5.0
Trichloroethene	64	ug/L	5.0

Surrogate	Recovery	
Toluene-d8	104	%
4-Bromofluorobenzene	95	%
1,2-Dichloroethane-d4	98	%

ND = Not detected
NA = Not applicable

Reported By: Cherie Windholz Approved By: Paul Winkler

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. 2nd Quarter 1992

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-15 SAMPLE COLLECTION BY ROBERT J. BALDONADO

WELL DEPTH 72.83 LABORATORY NAME ENSECO-RMAL

DATE SAMPLED 4-7-92 LABORATORY SAMPLE I.D. # 022057-0002-SA

TIME SAMPLED 0955 DATE RECIEVED BY LAB. 4-8-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4976.10	4-7-92
Well Casing Volume	----	gal.	0.28	"
Pump Rate	----	gal/min	0.02	"
Pump Period	72004	min.	50	"
Volume Evacuated	73675	gal.	0.9	"
Well Sampling Method	84077	---	BLDRP	"
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003470

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.8	NA	4-8-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	703	1.0	4-8-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	53.6	30.0	4-22-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	0.74	0.50	4-20-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

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: 6-18-92

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

NA = Not applicable

ITC JO L A ND VI IX A FA ITR IN BES NT

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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	ND	5.0	4-8-92	4-19-92	8240
Trichloroethene		UG/L	54	5.0	4-8-92	4-19-92	8240

ND= Not Detected

0034773

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-15
Lab ID: 022057-0002-SA
Matrix: AQUEOUS Sampled: 07 APR 92 Received: 08 APR 92
Authorized: 08 APR 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.8	units	--	9040	NA	08 APR 92
Specific Conductance at 25 deg.C	703	umhos/cm	1.0	120.1	NA	08 APR 92
Total Organic Carbon	0.74	mg/L	0.50	9060	NA	20 APR 92
Total Organic Halogen as Cl	53.6	mg/L	30.0	9020	NA	22 APR 92

ND = Not detected
NA = Not applicable

Reported By: Rodney Smith Approved By: Will Pratt

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-15
Lab ID: 022057-0002-SA
Matrix: AQUEOUS Sampled: 07 APR 92 Received: 08 APR 92
Authorized: 08 APR 92 Prepared: 08 APR 92 Analyzed: 19 APR 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	ND	ug/L	5.0
Trichloroethene	54	ug/L	5.0

Surrogate	Recovery	
Toluene-d8	99	%
4-Bromofluorobenzene	98	%
1,2-Dichloroethane-d4	104	%

ND = Not detected
NA = Not applicable

Reported By: SWILLMS Approved By: CRITCHIE

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 1992

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER	MW-15	SAMPLE COLLECTION BY	JOHN M. WAKEFIELD
WELL DEPTH	72.83	LABORATORY NAME	ENSECO-RMAL
DATE SAMPLED	7-14-92	LABORATORY SAMPLE I.D. #	023847-0001-SA
TIME SAMPLED	1005	DATE RECIEVED BY LAB.	7-15-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4977.02	7-14-92
Well Casing Volume	-----	gal.	0.43	7-14-92
Pump Rate	-----	gal/min	0.02	7-14-92
Pump Period	72004	min.	65	7-14-92
Volume Evacuated	73675	gal.	1.4	7-14-92
Well Sampling Method	84077	---	BLDRP	7-14-92
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003476

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.8	NA	7-15-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	705	1.0	7-15-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	ND	60.0	7-27-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.1	0.50	7-28-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	36.7	3.0	7-21-92	300.0
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	ND	10	7-21-92	6010
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	53.6	5.0	7-21-92	6010
Sulfate	00945	mg/l	103	5.0	7-21-92	300.0
Turbidity		NTU	NA			

DATE OF THIS REPORT: 10-6-92

SIGNATURE: John M. Wakefield

NAME (PRINTED): John M. Wakefield

NA= Not Applicable

MONITORING WELL APPENDIX VI or IX DATA FOR FACILITIES IN ASSESSMENT

Under assessment monitoring as per IWMR-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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	ND	5.0	7-16-92	7-28-92	8240
Trichloroethene		UG/L	49	5.0	7-16-92	7-28-92	8240
1, 1, 1 - Trichloroethane		UG/L	19	5.0	7-16-92	7-28-92	8240

003479

ND= Not Detected

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-15
Lab ID: 023847-0001-SA
Matrix: AQUEOUS Sampled: 14 JUL 92 Received: 15 JUL 92
Authorized: 16 JUL 92 Prepared: 16 JUL 92 Analyzed: 28 JUL 92

Parameter	Result	Units	Reporting Limit
Acetone	ND	ug/L	10
Acetonitrile	ND	ug/L	200
Acrolein	ND	ug/L	100
Acrylonitrile	ND	ug/L	100
Allyl chloride	ND	ug/L	10
Benzene	ND	ug/L	5.0
Bromodichloromethane	ND	ug/L	5.0
Bromoform	ND	ug/L	5.0
Bromomethane	ND	ug/L	10
2-Butanone (MEK)	ND	ug/L	10
Carbon disulfide	ND	ug/L	5.0
Carbon tetrachloride	ND	ug/L	5.0
Chlorobenzene	ND	ug/L	5.0
Chloroethane	ND	ug/L	10
Chloroform	ND	ug/L	5.0
Chloromethane	ND	ug/L	10
Chloroprene	ND	ug/L	5.0
Dibromochloromethane	ND	ug/L	5.0
1,2-Dibromo-3-chloro-propane (DBCP)	ND	ug/L	10
1,2-Dibromoethane (EDB)	ND	ug/L	10
Dibromomethane	ND	ug/L	5.0
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0
Dichlorodifluoromethane	ND	ug/L	20
1,1-Dichloroethane	ND	ug/L	5.0
1,2-Dichloroethane	ND	ug/L	5.0
1,1-Dichloroethene	ND	ug/L	5.0
1,2-Dichloroethene (total)	ND	ug/L	5.0
1,2-Dichloropropane	ND	ug/L	5.0
cis-1,3-Dichloropropene	ND	ug/L	5.0
trans-1,3-Dichloropropene	ND	ug/L	5.0
1,4-Dioxane	ND	ug/L	500
Ethylbenzene	ND	ug/L	5.0
Ethyl methacrylate	ND	ug/L	20
Iodomethane	ND	ug/L	5.0
Isobutanol	ND	ug/L	200
2-Hexanone	ND	ug/L	10
Methacrylonitrile	ND	ug/L	5.0
Methylene chloride	ND	ug/L	5.0

(continued on following page)

ND = Not detected
NA = Not applicable

Reported By: Keith Campbell Approved By: Denise Beets

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-15
Lab ID: 023847-0001-SA
Matrix: AQUEOUS Sampled: 14 JUL 92 Received: 15 JUL 92
Authorized: 16 JUL 92 Prepared: 16 JUL 92 Analyzed: 28 JUL 92

Parameter	Result	Units	Reporting Limit
Methyl methacrylate	ND	ug/L	20
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10
Propionitrile	ND	ug/L	5.0
Styrene	ND	ug/L	5.0
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0
Tetrachloroethene	ND	ug/L	5.0
Toluene	ND	ug/L	5.0
1,1,1-Trichloroethane	19	ug/L	5.0
1,1,2-Trichloroethane	ND	ug/L	5.0
Trichloroethene	49	ug/L	5.0
Trichlorofluoromethane	ND	ug/L	5.0
1,2,3-Trichloropropane	ND	ug/L	5.0
Vinyl acetate	ND	ug/L	10
Vinyl chloride	ND	ug/L	10
Xylenes (total)	ND	ug/L	5.0

Surrogate	Recovery	
Toluene-d8	101	%
4-Bromofluorobenzene	98	%
1,2-Dichloroethane-d4	107	%

ND = Not detected
NA = Not applicable

Reported By: Keith Campbell Approved By: Denise Beets

Enseco
A Corning Company

Metals

Total Metals

Client Name: Sparton Technology, Inc.
Client ID: MW-15
Lab ID: 023847-0001-SA
Matrix: AQUEOUS Sampled: 14 JUL 92 Received: 15 JUL 92
Authorized: 16 JUL 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chromium III	ND	mg/L	0.010	7196/6010	NA	30 JUL 92
Chromium (VI)	ND	mg/L	0.010	7196	NA	15 JUL 92
Boron	0.17	mg/L	0.10	6010	17 JUL 92	21 JUL 92
Manganese	ND	mg/L	0.010	6010	17 JUL 92	21 JUL 92
Nickel	ND	mg/L	0.040	6010	17 JUL 92	21 JUL 92
Sodium	53.6	mg/L	5.0	6010	17 JUL 92	21 JUL 92

ND = Not detected
NA = Not applicable

Reported By: Bill McCall Approved By: Kristina Sanchez

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology, Inc.
Client ID: MW-15
Lab ID: 023847-0001-SA
Matrix: AQUEOUS
Authorized: 16 JUL 92

Sampled: 14 JUL 92
Prepared: See Below

Received: 15 JUL 92
Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chloride	36.7	mg/L	3.0	300.0	NA	21 JUL 92
Nitrate plus Nitrite	3.8	mg/L	0.50	353.2	NA	16 JUL 92
Nitrate as N	3.8	mg/L	0.50	353.2/354.1	NA	16 JUL 92
pH	7.8	units	--	9040	NA	15 JUL 92
Sulfate	103	mg/L	5.0	300.0	NA	21 JUL 92
Specific Conductance at 25 deg.C	705	umhos/cm	1.0	120.1	NA	15 JUL 92
Total Kjeldahl Nitrogen as N	ND	mg/L	0.50	351.2	NA	17 JUL 92
Total Organic Carbon	1.1	mg/L	0.50	9060	NA	28 JUL 92
Total Organic Halogen as Cl	ND	ug/L	60.0	9020	NA	27 JUL 92

ND = Not detected
NA = Not applicable

Reported By: Kaye Ryman

Approved By: Will Pratt

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

4th Quarter 1992

FACILITY NAME: SPARTON TECHNOLOGY, INC.

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER	MW-15	SAMPLE COLLECTION BY	JOHN M. WAKEFIELD
WELL DEPTH	72.83	LABORATORY NAME	ENSECO-RMAL
DATE SAMPLED	9-23-92	LABORATORY SAMPLE I.D. #	025295-0008-SA
TIME SAMPLED	1311	DATE RECIEVED BY LAB.	9-24-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4976.71	9-23-92
Well Casing Volume	-----	gal.	0.38	9-23-92
Pump Rate	-----	gal/min	0.04	9-23-92
Pump Period	72004	min.	44	9-23-92
Volume Evacuated	73675	gal.	1.6	9-23-92
Well Sampling Method	84077	---	BLDRP	N/A
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003484

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
MW-15						
pH	00400	S.U.	7.8	NA	9-24-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	783	1.0	9-24-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	67.6	30.0	10-8-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.2	0.50	9-28-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
MW-15						
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: 1-8-93

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

NA = Not applicable

003486

MONITORING WELL APPENDIX VI or IX DATA FOR FACILITIES IN ASSESSMENT

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.

MW-15

PARAMETER	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	ND	5.0	9-24-92	10-7-92	8240
Trichloroethene		UG/L	66	5.0	9-24-92	10-7-92	8240

ND= Not Detected

003487

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-15
Lab ID: 025295-0008-SA
Matrix: AQUEOUS
Authorized: 24 SEP 92

Sampled: 23 SEP 92
Prepared: 24 SEP 92

Received: 24 SEP 92
Analyzed: 07 OCT 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	ND	ug/L	5.0
Trichloroethene	66	ug/L	5.0

Surrogate	Recovery	
Toluene-d8	103	%
4-Bromofluorobenzene	98	%
1,2-Dichloroethane-d4	103	%

ND = Not detected
NA = Not applicable

Reported By: Sandra Jones

Approved By: Mark Pokorny

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology, Inc.
Client ID: MW-15
Lab ID: 025295-0008-SA
Matrix: AQUEOUS
Authorized: 24 SEP 92

Sampled: 23 SEP 92
Prepared: See Below

Received: 24 SEP 92
Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.8	units	--	9040	NA	24 SEP 92
Specific Conductance at 25 deg.C	783	umhos/cm	1.0	120.1	NA	24 SEP 92
Total Organic Carbon	1.2	mg/L	0.50	9060	NA	28 SEP 92
Total Organic Halogen as Cl	67.6	ug/L	30.0	9020	NA	08 OCT 92

ND = Not detected
NA = Not applicable

Reported By: Rodney Smith

Approved By: Will Pratt

MONITORING WELL IDENTIFICATION REPORT

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME ____SPARTON TECHNOLOGY, INC._____

EPA I.D. NUMBER ____NMD 083212332_____

COUNTY ____BERNALILLO_____

WELL NUMBER ____MW-16_____

WELL LOCATION (LONGITUDE) ____106____39'____38.2''__*

WELL LOCATION (LATITUDE) _____35____11'____21.6''__*

AQUIFER NAME __RIO GRANDE ALLUVIAL_____

AQUIFER; CONFINED _____ UNCONFINED ___X____

WELL INSTALLATION DATE ___8/16/84_____

DRILLING METHOD ___HLWAG_____

INNER CASING DIAMETER ___2.0_____

BOREHOLE DIAMETER ___7.5_____

CASING MATERIAL ___PVC_____

METHOD OF DEVELOPMENT ___BAILD_____

ELEV BOTTOM OF BOREHOLE ___4975.98_____

ELEV BOTTOM OF WELL CASING ___4975.98_____

ELEV BOTTOM OF SCREENED INT___4975.98_____

ELEV OF TOP OF SCREENED INT___4980.98_____

SURVEYED ELEV OF CASING TOP___5047.21_____

SURVEYED MEASURING PT. ELEV___5047.50_____

DATE OF REPORT ___2/28/93____ SIGNATURE: John M. Wakefield

NAME (TYPED) _John M. Wakefield___

b:wellid/bass

* Scaled from USGS 7.5' quad.

003490

ANNUAL SUMMARY OF MONITOR WELL DATA FOR ASSESSMENT MONITORING

This form is for annual presentation of data by all facilities operating under interim status. [HWMR-5, Part VI, Section 265.93(f) and 265.4(b)].

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME SPARTON TECHNOLOGY INC.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-16

		SAMPLE DATES			
		1/15/92	4/06/92	7/14/92	9/23/92
PARAMETERS	UNITS	VALUE			
Elev. of G.Water	ft.	4980.75	4980.08	4980.83	4981.22
pH (Avg)	S.U.	7.5	7.7	7.5	7.4
Spec Cond (Avg)	umhos/cm	1600	1200	1360	1570
T.O.X. (Avg)	ug/1	44900	6540	11000	10700
T.O.C. (Avg)	mg/1	3.2	2.4	3.1	3.4
Chloride	mg/1			101	
Iron	ug/1				
Manganese	ug/1			30	
Phenols	ug/1				
Sodium	mg/1			91.3	
Sulfate	mg/1			221	
Turbidity	NTU				

APPENDIX IX PARAMETERS
MW-16

PARAMETERS	UNITS	SAMPLE DATES 1/15/92	4/06/92	7/14/92	9/23/92
		VALUE			
1,1-Dichloroethene	ug/l	<1000	540	<500	560
Trichloroethene	ug/l	13000	12000	15000	14000
1,1,1-Trichloroethane	ug/l			8600	
Chromium (VI)	mg/l			0.30	
Nickel	mg/l			0.070	

DATE OF REPORT: 3/01/93

SIGNATURE: John M. Wakefield

NAME (TYPED): John M. Wakefield

b:asses.1/bas

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.

1st Quarter 1992

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER	MW-16	SAMPLE COLLECTION BY	JOHN M. WAKEFIELD
WELL DEPTH	71.23	LABORATORY NAME	ENSECO-RMAL
DATE SAMPLED	1-15-92	LABORATORY SAMPLE I.D. #	020272-0003-SA
TIME SAMPLED	1132	DATE RECIEVED BY LAB.	1-16-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4980.75	1-15-92
Well Casing Volume	-----	gal.	0.85	"
Pump Rate	-----	gal/min	0.12	"
Pump Period	72004	min.	22	"
Volume Evacuated	73675	gal.	2.75	"
Well Sampling Method	84077	---	BLDRP	"
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003493

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.5	NA	1-16-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	1600	1.0	1-16-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	44900	3000	1-23-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	3.2	0.50	1-20-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA = Not Applicable

GROUND WATER QUALITY PARAMETERS

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: 3-31-92

SIGNATURE: John M. Wakefield

NAME (PRINTED): John M. Wakefield

NA = Not applicable

MONITORING WELL APPENDIX VI or IX DATA FOR FACILITIES IN ASSESSMENT

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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1-Dichloroethene		ug/L	ND	1000	1-20-92	1-22-92	8240
Trichloroethene		ug/L	13000	1000	1-20-92	1-22-92	8240

ND = Not detected

003496

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-16
Lab ID: 020272-0003-SA
Matrix: AQUEOUS
Authorized: 16 JAN 92

Sampled: 15 JAN 92
Prepared: See Below

Received: 16 JAN 92
Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.5	units	--	9040	NA	16 JAN 92
Specific Conductance at 25 deg.C	1600	umhos/cm	1.0	120.1	NA	16 JAN 92
Total Organic Carbon	3.2	mg/L	0.50	9060	NA	20 JAN 92
Total Organic Halogen as Cl	44900	ug/L	3000	9020	NA	23 JAN 92

ND = Not detected
NA = Not applicable

Reported By: Ron Maiorana

Approved By: Will Pratt

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-16
Lab ID: 020272-0003-SA
Matrix: AQUEOUS Sampled: 15 JAN 92 Received: 16 JAN 92
Authorized: 16 JAN 92 Prepared: 20 JAN 92 Analyzed: 22 JAN 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	ND	ug/L	1000
Trichloroethene	13000	ug/L	1000
Surrogate	**Recovery**		
Toluene-d8	98	%	
4-Bromofluorobenzene	101	%	
1,2-Dichloroethane-d4	99	%	

ND = Not detected
NA = Not applicable

Reported By: Robert Broderick Approved By: Paul Winkler

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.

2nd Quarter 1992

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-16

WELL DEPTH 71.23

DATE SAMPLED 4-6-92

TIME SAMPLED 1359

SAMPLE COLLECTION BY JOHN M. WAKEFIELD

LABORATORY NAME ENSECO-RMAL

LABORATORY SAMPLE I.D. # 022031-0005-SA

DATE RECIEVED BY LAB. 4-7-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4980.08	4-6-92
Well Casing Volume	-----	gal.	0.74	"
Pump Rate	-----	gal/min	0.09	"
Pump Period	72004	min.	29	"
Volume Evacuated	73675	gal.	2.50	"
Well Sampling Method	84077	---	BLDRP	"
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003499

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.7	NA	4-7-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	1200	1.0	4-7-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	6540	3000	4-22-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	2.4	0.50	4-20-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

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: 6-18-92

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

NA = Not applicable

ITG NG L A ND VI IX A FA ITI IN SES NT

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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	540	250	4-7-92	4-19-92	8240
Trichloroethene		UG/L	12,000	250	4-7-92	4-19-92	8240

ND= Not Detected

003502

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-16
Lab ID: 022031-0005-SA
Matrix: AQUEOUS Sampled: 06 APR 92 Received: 07 APR 92
Authorized: 07 APR 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.7	units	--	9040	NA	07 APR 92
Specific Conductance at 25 deg.C	1200	umhos/cm	1.0	120.1	NA	07 APR 92
Total Organic Carbon	2.4	mg/L	0.50	9060	NA	20 APR 92
Total Organic Halogen as Cl	6540	ug/L	3000	9020	NA	22 APR 92

ND = Not detected
NA = Not applicable

Reported By: Rodney Smith Approved By: Toni Lusk

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-16
Lab ID: 022031-0005-SA
Matrix: AQUEOUS Sampled: 06 APR 92 Received: 07 APR 92
Authorized: 07 APR 92 Prepared: 07 APR 92 Analyzed: 19 APR 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	540	ug/L	250
Trichloroethene	12000	ug/L	250

Surrogate	Recovery	
Toluene-d8	101	%
4-Bromofluorobenzene	95	%
1,2-Dichloroethane-d4	95	%

ND = Not detected
NA = Not applicable

Reported By: SWILLMS Approved By: CRITCHIE

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-3, 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 1992

EPA I.D. NUMBER NMD 083212332

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

WELL DEPTH 71.23 LABORATORY NAME ENSECO-RMAL

DATE SAMPLED 7-14-92 LABORATORY SAMPLE I.D. # 023847-0003-SA

TIME SAMPLED 1307 DATE RECIEVED BY LAB. 7-15-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4980.83	7-14-92
Well Casing Volume	-----	gal.	0.86	7-14-92
Pump Rate	-----	gal/min	0.12	7-14-92
Pump Period	72004	min.	22	7-14-92
Volume Evacuated	73675	gal.	2.75	7-14-92
Well Sampling Method	84077	---	BLDRP	7-14-92
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003505

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.5	NA	7-15-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	1360	1.0	7-15-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	11,000	750	7-27-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	3.1	0.50	7-28-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	101	3.0	7-21-92	300.0
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	30	10	7-21-92	6010
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	91.3	5.0	7-21-92	6010
Sulfate	00945	mg/l	221	5.0	7-21-92	300.0
Turbidity		NTU	NA			

DATE OF THIS REPORT: 10-6-92

SIGNATURE: John M. Wakefield

NAME (PRINTED): John M. Wakefield

NA= Not Applicable

ITG...AD ...L A...ND... VI ... IX ...A ... FA...ITI... IN ...ES...NT

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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	ND	500	7-16-92	7-28-92	8240
Trichloroethene		UG/L	15,000	500	7-16-92	7-28-92	8240
1, 1, 1 - Trichloroethane		UG/L	8,600	500	7-16-92	7-28-92	8240
Chromium (VI)		mg/L	0.30	0.020	NA	7-15-92	7196
Nickel		mg/L	0.070	0.040	NA	7-21-92	6010

ND= Not Detected

003508

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-16
Lab ID: 023847-0003-SA
Matrix: AQUEOUS Sampled: 14 JUL 92 Received: 15 JUL 92
Authorized: 16 JUL 92 Prepared: 16 JUL 92 Analyzed: 28 JUL 92

Parameter	Result	Units	Reporting Limit
Acetone	ND	ug/L	1000
Acetonitrile	ND	ug/L	20000
Acrolein	ND	ug/L	10000
Acrylonitrile	ND	ug/L	10000
Allyl chloride	ND	ug/L	1000
Benzene	ND	ug/L	500
Bromodichloromethane	ND	ug/L	500
Bromoform	ND	ug/L	500
Bromomethane	ND	ug/L	1000
2-Butanone (MEK)	ND	ug/L	1000
Carbon disulfide	ND	ug/L	500
Carbon tetrachloride	ND	ug/L	500
Chlorobenzene	ND	ug/L	500
Chloroethane	ND	ug/L	1000
Chloroform	ND	ug/L	500
Chloromethane	ND	ug/L	1000
Chloroprene	ND	ug/L	500
Dibromochloromethane	ND	ug/L	500
1,2-Dibromo-3-chloro-propane (DBCP)	ND	ug/L	1000
1,2-Dibromoethane (EDB)	ND	ug/L	1000
Dibromomethane	ND	ug/L	500
trans-1,4-Dichloro-2-butene	ND	ug/L	500
Dichlorodifluoromethane	ND	ug/L	2000
1,1-Dichloroethane	ND	ug/L	500
1,2-Dichloroethane	ND	ug/L	500
1,1-Dichloroethene	ND	ug/L	500
1,2-Dichloroethene (total)	ND	ug/L	500
1,2-Dichloropropane	ND	ug/L	500
cis-1,3-Dichloropropene	ND	ug/L	500
trans-1,3-Dichloropropene	ND	ug/L	500
1,4-Dioxane	ND	ug/L	50000
Ethylbenzene	ND	ug/L	500
Ethyl methacrylate	ND	ug/L	2000
Iodomethane	ND	ug/L	500
Isobutanol	ND	ug/L	20000
2-Hexanone	ND	ug/L	1000
Methacrylonitrile	ND	ug/L	500
Methylene chloride	ND	ug/L	500

(continued on following page)

ND = Not detected
NA = Not applicable

Reported By: Keith Campbell Approved By: Denise Beets

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-16
Lab ID: 023847-0003-SA
Matrix: AQUEOUS Sampled: 14 JUL 92 Received: 15 JUL 92
Authorized: 16 JUL 92 Prepared: 16 JUL 92 Analyzed: 28 JUL 92

Parameter	Result	Units	Reporting Limit
Methyl methacrylate	ND	ug/L	2000
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1000
Propionitrile	ND	ug/L	500
Styrene	ND	ug/L	500
1,1,1,2-Tetrachloroethane	ND	ug/L	500
1,1,2,2-Tetrachloroethane	ND	ug/L	500
Tetrachloroethene	ND	ug/L	500
Toluene	ND	ug/L	500
1,1,1-Trichloroethane	8600	ug/L	500
1,1,2-Trichloroethane	ND	ug/L	500
Trichloroethene	15000	ug/L	500
Trichlorofluoromethane	ND	ug/L	500
1,2,3-Trichloropropane	ND	ug/L	500
Vinyl acetate	ND	ug/L	1000
Vinyl chloride	ND	ug/L	1000
Xylenes (total)	ND	ug/L	500

Surrogate	Recovery	
Toluene-d8	103	%
4-Bromofluorobenzene	103	%
1,2-Dichloroethane-d4	101	%

ND = Not detected
NA = Not applicable

Reported By: Keith Campbell Approved By: Denise Beets

Enseco
A Corning Company

Metals

Total Metals

Client Name: Sparton Technology, Inc.
Client ID: MW-16
Lab ID: 023847-0003-SA
Matrix: AQUEOUS Sampled: 14 JUL 92 Received: 15 JUL 92
Authorized: 16 JUL 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chromium III	ND	mg/L	0.010	7196/6010	NA	30 JUL 92
Chromium (VI)	0.30	mg/L	0.020	7196	NA	15 JUL 92
Boron	3.0	mg/L	0.10	6010	17 JUL 92	21 JUL 92
Manganese	0.030	mg/L	0.010	6010	17 JUL 92	21 JUL 92
Nickel	0.070	mg/L	0.040	6010	17 JUL 92	21 JUL 92
Sodium	91.3	mg/L	5.0	6010	17 JUL 92	21 JUL 92

ND = Not detected
NA = Not applicable

Reported By: Bill McCall Approved By: Kristina Sanchez

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology, Inc.
Client ID: MW-16
Lab ID: 023847-0003-SA
Matrix: AQUEOUS Sampled: 14 JUL 92 Received: 15 JUL 92
Authorized: 16 JUL 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chloride	101	mg/L	3.0	300.0	NA	21 JUL 92
Nitrate plus Nitrite	3.8	mg/L	0.50	353.2	NA	16 JUL 92
Nitrate as N	3.7	mg/L	0.50	353.2/354.1	NA	16 JUL 92
pH	7.5	units	--	9040	NA	15 JUL 92
Sulfate	221	mg/L	5.0	300.0	NA	21 JUL 92
Specific Conductance at 25 deg.C	1360	umhos/cm	1.0	120.1	NA	15 JUL 92
Total Kjeldahl Nitrogen as N	71.3	mg/L	10.0	351.2	NA	17 JUL 92
Total Organic Carbon	3.1	mg/L	0.50	9060	NA	28 JUL 92
Total Organic Halogen as Cl	11000	ug/L	750	9020	NA	27 JUL 92

ND = Not detected
NA = Not applicable

Reported By: Kaye Ryman Approved By: Will Pratt

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.

4th Quarter 1992

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-16

WELL DEPTH 71.23

DATE SAMPLED 9-23-92

TIME SAMPLED 1329

SAMPLE COLLECTION BY Peter H. Metzner

LABORATORY NAME ENSECO-RMAL

LABORATORY SAMPLE I.D. # 025295-0006-SA

DATE RECIEVED BY LAB. 9-24-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4981.22	9-23-92
Well Casing Volume	-----	gal.	0.93	9-23-92
Pump Rate	-----	gal/min	0.18	9-23-92
Pump Period	72004	min.	17	9-23-92
Volume Evacuated	73675	gal.	3.0	9-23-92
Well Sampling Method	84077	---	BLDRP	N/A
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003513

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
MW-16						
pH	00400	S.U.	7.4	NA	9-24-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	1570	1.0	9-24-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	10,700	3000	10-8-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	3.4	0.50	9-28-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
MW-16						
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: 1-8-93

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

NA = Not applicable

003515

MONITORING WELL APPENDIX VI or IX DATA FOR FACILITIES IN ASSESSMENT

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.

MW-16

PARAMETER	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	560	500	9-24-92	10-8-92	8240
Trichloroethene		UG/L	14,000	500	9-24-92	10-8-92	8240

ND= Not Detected

003516

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-16
Lab ID: 025295-0006-SA
Matrix: AQUEOUS
Authorized: 24 SEP 92

Sampled: 23 SEP 92
Prepared: 24 SEP 92

Received: 24 SEP 92
Analyzed: 08 OCT 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	560	ug/L	500
Trichloroethene	14000	ug/L	500

Surrogate	Recovery	
Toluene-d8	104	%
4-Bromofluorobenzene	96	%
1,2-Dichloroethane-d4	98	%

ND = Not detected
NA = Not applicable

Reported By: Paul Reinwald

Approved By: Mark Pokorny

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology, Inc.
Client ID: MW-16
Lab ID: 025295-0006-SA
Matrix: AQUEOUS Sampled: 23 SEP 92 Received: 24 SEP 92
Authorized: 24 SEP 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.4	units	--	9040	NA	24 SEP 92
Specific Conductance at 25 deg.C	1570	umhos/cm	1.0	120.1	NA	24 SEP 92
Total Organic Carbon	3.4	mg/L	0.50	9060	NA	28 SEP 92
Total Organic Halogen as Cl	10700	ug/L	3000	9020	NA	08 OCT 92

ND = Not detected
NA = Not applicable

Reported By: Rodney Smith Approved By: Will Pratt

MONITORING WELL IDENTIFICATION REPORT

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME ____SPARTON TECHNOLOGY, INC._____

EPA I.D. NUMBER ____NMD 083212332_____

COUNTY ____BERNALILLO_____

WELL NUMBER ____MW-19_____

WELL LOCATION (LONGITUDE) ____106____39'____42.4''__*

WELL LOCATION (LATITUDE) _____35____11'____20.5''__*

AQUIFER NAME __RIO GRANDE ALLUVIAL_____

AQUIFER; CONFINED _____ UNCONFINED ___X____

WELL INSTALLATION DATE ___9/24/86_____

DRILLING METHOD ___HYDRT_____

INNER CASING DIAMETER ___4.0_____

BOREHOLE DIAMETER ___7.9_____

CASING MATERIAL ___PVC_____

METHOD OF DEVELOPMENT ___COMPR_____

ELEV BOTTOM OF BOREHOLE ___4932.32_____

ELEV BOTTOM OF WELL CASING ___4934.82_____

ELEV BOTTOM OF SCREENED INT___4934.82_____

ELEV OF TOP OF SCREENED INT___4944.82_____

SURVEYED ELEV OF CASING TOP___5045.48_____

SURVEYED MEASURING PT. ELEV___5046.25_____

DATE OF REPORT ___2/28/93____ SIGNATURE: John M. Wakefield

NAME (TYPED) _John M. Wakefield___

b:wellid/bass

* Scaled from USGS 7.5' quad.

ANNUAL SUMMARY OF MONITOR WELL DATA
FOR ASSESSMENT MONITORING

This form is for annual presentation of data by all facilities operating under interim status. [HWMR-5, Part VI, Section 265.93(f) and 265.4(b)].

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME SPARTON TECHNOLOGY INC.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-19

		SAMPLE DATES			
		1/14/92	4/06/92	7/13/92	9/23/92
PARAMETERS	UNITS	VALUE			
Elev. of G.Water	ft.	4975.15	4974.73	4975.90	4975.46
pH (Avg)	S.U.	7.6	7.7	7.6	7.6
Spec Cond (Avg)	umhos/cm	693	710	668	672
T.O.X. (Avg)	ug/1	95.6	120	122	92.8
T.O.C. (Avg)	mg/1	0.53	0.91	1.1	1.1
Chloride	mg/1			22.7	
Iron	ug/1				
Manganese	ug/1			23	
Phenols	ug/1				
Sodium	mg/1			58.8	
Sulfate	mg/1			117	
Turbidity	NTU				

APPENDIX IX PARAMETERS
MW-19

		SAMPLE DATES			
		1/14/92	4/06/92	7/13/92	9/23/92
PARAMETERS	UNITS	VALUE			
1,1-Dichloroethene	ug/l	7.3	10	8.0	7.0
Trichloroethene	ug/l	130	230	140	120
1,1,1-Trichloroethane	ug/l			<7.0	

DATE OF REPORT: 3/01/93

SIGNATURE: John M. Wakefield

NAME (TYPED): John M. Wakefield

b:asses.1/bas

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. 1st Quarter 1992

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-19 SAMPLE COLLECTION BY JOHN M. WAKEFIELD

WELL DEPTH 110.66 LABORATORY NAME ENSECO-RMAL

DATE SAMPLED 1-14-92 LABORATORY SAMPLE I.D. # 020236-0001-SA

TIME SAMPLED 1003 DATE RECIEVED BY LAB. 1-15-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4975.15	1-14-92
Well Casing Volume	-----	gal.	26.30	"
Pump Rate	-----	gal/min	0.91	"
Pump Period	72004	min.	89	"
Volume Evacuated	73675	gal.	80.5	"
Well Sampling Method	84077	---	BLDRP	"
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003522

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.6	NA	1-15-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	693	1.0	1-15-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	95.6	30.0	1-19-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	0.53	0.50	1-16-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA = Not applicable

GROUND WATER QUALITY PARAMETERS

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: 3-31-92

SIGNATURE: John M. Wakefield

NAME (PRINTED): John M. Wakefield

NA = Not Applicable

MONITORING WELL APPENDIX VII or IX DATA FOR FACILITIES IN ASSESSMENT

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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1-Dichloroethene		ug/L	7.3	5.0	1-17-92	1-17-92	8240
Trichloroethene		ug/L	130	5.0	1-17-92	1-17-92	8240

003525

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-19
Lab ID: 020236-0001-SA
Matrix: AQUEOUS Sampled: 14 JAN 92 Received: 15 JAN 92
Authorized: 15 JAN 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.6	units	--	9040	NA	15 JAN 92
Specific Conductance at 25 deg.C	693	umhos/cm	1.0	120.1	NA	15 JAN 92
Total Organic Carbon	0.53	mg/L	0.50	9060	NA	16 JAN 92
Total Organic Halogen as Cl	95.6	ug/L	30.0	9020	NA	19 JAN 92

ND = Not detected
NA = Not applicable

Reported By: Jody Tolle Approved By: Roxanne Sullivan

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-19
Lab ID: 020236-0001-SA
Matrix: AQUEOUS Sampled: 14 JAN 92 Received: 15 JAN 92
Authorized: 15 JAN 92 Prepared: 17 JAN 92 Analyzed: 17 JAN 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	7.3	ug/L	5.0
Trichloroethene	130	ug/L	5.0

Surrogate	Recovery	
Toluene-d8	106	%
4-Bromofluorobenzene	101	%
1,2-Dichloroethane-d4	100	%

ND = Not detected
NA = Not applicable

Reported By: Scott McPhail Approved By: Paul Winkler

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.

2nd Quarter 1992

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-19
SAMPLE COLLECTION BY: JOHN M. WAKEFIELD
WELL DEPTH: 110.66
LABORATORY NAME: ENSECO-RMAL
DATE SAMPLED: 4-6-92
LABORATORY SAMPLE I.D. #: 022031-0001-SA
TIME SAMPLED: 1056
DATE RECIEVED BY LAB.: 4-7-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4974.73	4-6-92
Well Casing Volume	-----	gal.	26.03	"
Pump Rate	-----	gal/min	0.78	"
Pump Period	72004	min.	102	"
Volume Evacuated	73675	gal.	79.5	"
Well Sampling Method	84077	---	BLDRP	"
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003528

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.7	NA	4-7-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	710	1.0	4-7-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	120	60.0	4-22-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	0.91	0.50	4-20-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

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: 6-18-92

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

NA = Not applicable

MONITORING WELL APPENDIX VI or IX DATA FOR PARAMETERS IN ASSESSMENT

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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	10	5.0	4-7-92	4-18-92	8240
Trichloroethene		UG/L	230	5.0	4-7-92	4-18-92	8240

003531

ND= Not Detected

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-19
Lab ID: 022031-0001-SA
Matrix: AQUEOUS
Authorized: 07 APR 92

Sampled: 06 APR 92
Prepared: See Below

Received: 07 APR 92
Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.7	units	--	9040	NA	07 APR 92
Specific Conductance at 25 deg.C	710	umhos/cm	1.0	120.1	NA	07 APR 92
Total Organic Carbon	0.91	mg/L	0.50	9060	NA	20 APR 92
Total Organic Halogen as Cl	120	ug/L	60.0	9020	NA	22 APR 92

ND = Not detected
NA = Not applicable

Reported By: Rodney Smith

Approved By: Toni Lusk

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-19
Lab ID: 022031-0001-SA
Matrix: AQUEOUS Sampled: 06 APR 92 Received: 07 APR 92
Authorized: 07 APR 92 Prepared: 07 APR 92 Analyzed: 18 APR 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	10	ug/L	5.0
Trichloroethene	230	ug/L	5.0

Surrogate	Recovery	
Toluene-d8	95	%
4-Bromofluorobenzene	89	%
1,2-Dichloroethane-d4	94	%

ND = Not detected
NA = Not applicable

Reported By: SWILLMS Approved By: CRITCHIE

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 1992

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-19 SAMPLE COLLECTION BY JOHN M. WAKEFIELD

WELL DEPTH 110.66 LABORATORY NAME ENSECO-RMAL

DATE SAMPLED 7-13-92 LABORATORY SAMPLE I.D. # 023821-0001-SA

TIME SAMPLED 1100 DATE RECIEVED BY LAB. 7-14-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4975.90	7-13-92
Well Casing Volume	-----	gal.	26.80	7-13-92
Pump Rate	-----	gal/min	0.77	7-13-92
Pump Period	72004	min.	107	7-13-92
Volume Evacuated	73675	gal.	82.5	7-13-92
Well Sampling Method	84077	---	BLDRP	7-13-92
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003534

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.6	NA	7-14-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	668	1.0	7-14-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	122	30.0	7-23-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.1	0.50	7-28-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	22.7	3.0	7-21-92	300.0
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	23	10	7-21-92	6010
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	58.8	5.0	7-21-92	6010
Sulfate	00945	mg/l	117	5.0	7-21-92	300.0
Turbidity		NTU	NA			

DATE OF THIS REPORT: 10-6-92

SIGNATURE: John M. Wakefield

NAME (PRINTED): John M. Wakefield

NA= Not Applicable

MONITORING WELL APPENDIX VI or IX DATA FOR FACILITIES IN ASSESSMENT

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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	8.0	7.0	7-16-92	7-22-92	8240
Trichloroethene		UG/L	140	7.0	7-16-92	7-22-92	8240
1, 1, 1 - Trichloroethane		UG/L	ND	7.0	7-16-92	7-22-92	8240

003537

ND= Not Detected

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-19
Lab ID: 023821-0001-SA
Matrix: AQUEOUS Sampled: 13 JUL 92 Received: 14 JUL 92
Authorized: 14 JUL 92 Prepared: 16 JUL 92 Analyzed: 22 JUL 92

Parameter	Result	Units	Reporting Limit
Acetone	ND	ug/L	14
Acetonitrile	ND	ug/L	280
Acrolein	ND	ug/L	140
Acrylonitrile	ND	ug/L	140
Allyl chloride	ND	ug/L	14
Benzene	ND	ug/L	7.0
Bromodichloromethane	ND	ug/L	7.0
Bromoform	ND	ug/L	7.0
Bromomethane	ND	ug/L	14
2-Butanone (MEK)	ND	ug/L	14
Carbon disulfide	ND	ug/L	7.0
Carbon tetrachloride	ND	ug/L	7.0
Chlorobenzene	ND	ug/L	7.0
Chloroethane	ND	ug/L	14
Chloroform	ND	ug/L	7.0
Chloromethane	ND	ug/L	14
Chloroprene	ND	ug/L	7.0
Dibromochloromethane	ND	ug/L	7.0
1,2-Dibromo-3-chloro-propane (DBCP)	ND	ug/L	14
1,2-Dibromoethane (EDB)	ND	ug/L	14
Dibromomethane	ND	ug/L	7.0
trans-1,4-Dichloro-2-butene	ND	ug/L	7.0
Dichlorodifluoromethane	ND	ug/L	28
1,1-Dichloroethane	ND	ug/L	7.0
1,2-Dichloroethane	ND	ug/L	7.0
1,1-Dichloroethene	8.0	ug/L	7.0
1,2-Dichloroethene (total)	ND	ug/L	7.0
1,2-Dichloropropane	ND	ug/L	7.0
cis-1,3-Dichloropropene	ND	ug/L	7.0
trans-1,3-Dichloropropene	ND	ug/L	7.0
1,4-Dioxane	ND	ug/L	700
Ethylbenzene	ND	ug/L	7.0
Ethyl methacrylate	ND	ug/L	28
Iodomethane	ND	ug/L	7.0
Isobutanol	ND	ug/L	280
2-Hexanone	ND	ug/L	14
Methacrylonitrile	ND	ug/L	7.0
Methylene chloride	ND	ug/L	7.0

(continued on following page)

ND = Not detected
NA = Not applicable

Reported By: Eric Greenleaf Approved By: Karen Kuiken

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-19
Lab ID: 023821-0001-SA
Matrix: AQUEOUS
Authorized: 14 JUL 92

Sampled: 13 JUL 92
Prepared: 16 JUL 92

Received: 14 JUL 92
Analyzed: 22 JUL 92

Parameter	Result	Units	Reporting Limit
Methyl methacrylate	ND	ug/L	28
4-Methyl-2-pentanone (MIBK)	ND	ug/L	14
Propionitrile	ND	ug/L	7.0
Styrene	ND	ug/L	7.0
1,1,1,2-Tetrachloroethane	ND	ug/L	7.0
1,1,2,2-Tetrachloroethane	ND	ug/L	7.0
Tetrachloroethene	ND	ug/L	7.0
Toluene	ND	ug/L	7.0
1,1,1-Trichloroethane	ND	ug/L	7.0
1,1,2-Trichloroethane	ND	ug/L	7.0
Trichloroethene	140	ug/L	7.0
Trichlorofluoromethane	ND	ug/L	7.0
1,2,3-Trichloropropane	ND	ug/L	7.0
Vinyl acetate	ND	ug/L	14
Vinyl chloride	ND	ug/L	14
Xylenes (total)	ND	ug/L	7.0

Surrogate	Recovery	
Toluene-d8	91	%
4-Bromofluorobenzene	88	%
1,2-Dichloroethane-d4	91	%

ND = Not detected
NA = Not applicable

Reported By: Eric Greenleaf

Approved By: Karen Kuiken

Enseco
A Corning Company

Metals

Total Metals

Client Name: Sparton Technology, Inc.
Client ID: MW-19
Lab ID: 023821-0001-SA
Matrix: AQUEOUS
Authorized: 14 JUL 92

Sampled: 13 JUL 92
Prepared: See Below

Received: 14 JUL 92
Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chromium III	ND	mg/L	0.010	7196/6010	NA	30 JUL 92
Chromium (VI)	ND	mg/L	0.010	7196	NA	14 JUL 92
Boron	0.18	mg/L	0.10	6010	17 JUL 92	21 JUL 92
Manganese	0.023	mg/L	0.010	6010	17 JUL 92	21 JUL 92
Nickel	ND	mg/L	0.040	6010	17 JUL 92	21 JUL 92
Sodium	58.8	mg/L	5.0	6010	17 JUL 92	21 JUL 92

ND = Not detected
NA = Not applicable

Reported By: Bill McCall

Approved By: Will Pratt

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology, Inc.
Client ID: MW-19
Lab ID: 023821-0001-SA
Matrix: AQUEOUS
Authorized: 14 JUL 92

Sampled: 13 JUL 92
Prepared: See Below

Received: 14 JUL 92
Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chloride	22.7	mg/L	3.0	300.0	NA	21 JUL 92
Nitrate plus Nitrite	2.4	mg/L	0.10	353.2	NA	16 JUL 92
Nitrate as N	2.4	mg/L	0.10	353.2/354.1	NA	16 JUL 92
pH	7.6	units	--	9040	NA	14 JUL 92
Sulfate	117	mg/L	5.0	300.0	NA	21 JUL 92
Specific Conductance at 25 deg.C	668	umhos/cm	1.0	120.1	NA	14 JUL 92
Total Kjeldahl Nitrogen as N	ND	mg/L	0.50	351.2	NA	17 JUL 92
Total Organic Carbon	1.1	mg/L	0.50	9060	NA	28 JUL 92
Total Organic Halogen as Cl	122	ug/L	30.0	9020	NA	23 JUL 92

ND = Not detected
NA = Not applicable

Reported By: Kaye Ryman

Approved By: Will Pratt

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.

4th Quarter 1992

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-19 SAMPLE COLLECTION BY JOHN M. WAKEFIELD

WELL DEPTH 110.66 LABORATORY NAME ENSECO-RMAL

DATE SAMPLED 9-23-92 LABORATORY SAMPLE I.D. # 025295-0001-SA

TIME SAMPLED 0922 DATE RECIEVED BY LAB. 9-24-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4975.46	9-23-92
Well Casing Volume	-----	gal.	26.51	9-23-92
Pump Rate	-----	gal/min	1.82	9-23-92
Pump Period	72004	min.	46	9-23-92
Volume Evacuated	73675	gal.	83.5	9-23-92
Well Sampling Method	84077	---	BLDRP	N/A
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003542

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
MW-19						
pH	00400	S.U.	7.6	NA	9-24-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	672	1.0	9-24-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	92.8	30.0	10-8-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.1	0.50	9-28-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
MW-19						
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: 1-6-93

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

NA = Not applicable

MONITORING WELL APPENDIX VI or IX DATA FOR FACILITIES IN ASSESSMENT

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.

MW-19

PARAMETER	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	7.0	5.0	9-24-92	10-6-92	8240
Trichloroethene		UG/L	120	5.0	9-24-92	10-6-92	8240

003545

ND= Not Detected

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-19
Lab ID: 025295-0001-SA
Matrix: AQUEOUS
Authorized: 24 SEP 92

Sampled: 23 SEP 92
Prepared: 24 SEP 92

Received: 24 SEP 92
Analyzed: 06 OCT 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	7.0	ug/L	5.0
Trichloroethene	120	ug/L	5.0

Surrogate	Recovery	
Toluene-d8	105	%
4-Bromofluorobenzene	99	%
1,2-Dichloroethane-d4	98	%

ND = Not detected
NA = Not applicable

Reported By: Debbie Coyle

Approved By: Audrey Verniero

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology, Inc.
Client ID: MW-19
Lab ID: 025295-0001-SA
Matrix: AQUEOUS
Authorized: 24 SEP 92

Sampled: 23 SEP 92
Prepared: See Below

Received: 24 SEP 92
Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.6	units	--	9040	NA	24 SEP 92
Specific Conductance at 25 deg.C	672	umhos/cm	1.0	120.1	NA	24 SEP 92
Total Organic Carbon	1.1	mg/L	0.50	9060	NA	28 SEP 92
Total Organic Halogen as Cl	92.8	ug/L	30.0	9020	NA	08 OCT 92

ND = Not detected
NA = Not applicable

Reported By: Rodney Smith

Approved By: Will Pratt

MONITORING WELL IDENTIFICATION REPORT

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME ____SPARTON TECHNOLOGY, INC._____

EPA I.D. NUMBER ____NMD 083212332_____

COUNTY ____BERNALILLO_____

WELL NUMBER ____MW-20_____

WELL LOCATION (LONGITUDE) ____106____39'____42.7''__*

WELL LOCATION (LATITUDE) _____35____11'____20.6''__*

AQUIFER NAME __RIO GRANDE ALLUVIAL_____

AQUIFER; CONFINED _____ UNCONFINED ___X____

WELL INSTALLATION DATE ___9/27/86_____

DRILLING METHOD ___HYDRT_____

INNER CASING DIAMETER ___4.0_____

BOREHOLE DIAMETER ___7.9_____

CASING MATERIAL ___PVC_____

METHOD OF DEVELOPMENT ___COMPR_____

ELEV BOTTOM OF BOREHOLE ___4906.49_____

ELEV BOTTOM OF WELL CASING ___4906.49_____

ELEV BOTTOM OF SCREENED INT___4906.49_____

ELEV OF TOP OF SCREENED INT___4919.79_____

SURVEYED ELEV OF CASING TOP___5045.06_____

SURVEYED MEASURING PT. ELEV___5045.79_____

DATE OF REPORT ___2/28/93____ SIGNATURE: _____

NAME (TYPED) _John M. Wakefield___

b:wellid/bass

* Scaled from USGS 7.5' quad.

ANNUAL SUMMARY OF MONITOR WELL DATA
FOR ASSESSMENT MONITORING

This form is for annual presentation of data by all facilities operating under interim status. [HWMR-5, Part VI, Section 265.93(f) and 265.4(b)].

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME SPARTON TECHNOLOGY INC.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-20

		SAMPLE DATES			
		1/14/92	4/06/92	7/13/92	9/23/92
PARAMETERS	UNITS	VALUE			
Elev. of G.Water	ft.	4975.00	4974.50	4975.67	4975.03
pH (Avg)	S.U.	7.8	7.8	7.8	7.8
Spec Cond (Avg)	umhos/cm	621	576	569	623
T.O.X. (Avg)	ug/1	<30.0	<30.0	<30.0	<30.0
T.O.C. (Avg)	mg/1	1.0	1.6	1.6	1.6
Chloride	mg/1			18.3	
Iron	ug/1				
Manganese	ug/1			780	
Phenols	ug/1				
Sodium	mg/1			49.3	
Sulfate	mg/1			76.2	
Turbidity	NTU				

APPENDIX IX PARAMETERS
MW-20

		SAMPLE DATES			
		1/14/92	4/06/92	7/13/92	9/23/92
PARAMETERS	UNITS	VALUE			
1,1-Dichloroethene	ug/l	<5.0	<5.0	<5.0	<5.0
Trichloroethene	ug/l	<5.0	<5.0	<5.0	30
1,1,1-Trichloroethane	ug/l			<5.0	

DATE OF REPORT: 3201/17/93 SIGNATURE: John M. Wakefield

NAME (TYPED): John M. Wakefield

b:asses.1/bas

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.

1st Quarter 1992

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-20
WELL DEPTH: 138.27
DATE SAMPLED: 1-14-92
TIME SAMPLED: 1033

SAMPLE COLLECTION BY: JOHN M. WAKEFIELD
LABORATORY NAME: ENSECO-RMAL
LABORATORY SAMPLE I.D. #: 020236-0002-SA
DATE RECIEVED BY LAB.: 1-15-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4975.00	1-14-92
Well Casing Volume	-----	gal.	44.64	"
Pump Rate	-----	gal/min	1.16	"
Pump Period	72004	min.	118	"
Volume Evacuated	73675	gal.	135.5	"
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003551

NDICATOR PARAMETERS

ARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
H	00400	S.U.	7.8	NA	1-15-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
pecific onductivity	00095	umhos/cm	621	1.0	1-15-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	ND	30.0	1-19-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
.O.C.	00680	mg/l	1.0	0.50	1-16-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA = Not Applicable
ND = Not Detected

GROUND WATER QUALITY PARAMETERS

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: 3/30/92

SIGNATURE: John M. Wakefield

NAME (PRINTED): John M. Wakefield

MONITORING WELL APPENDIX VI or IX DATA FOR FACILITIES IN ASSESSMENT

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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1-Dichloroethene		ug/L	ND	5.0	1-17-92	1-17-92	8240
Trichloroethene		ug/L	ND	5.0	1-17-92	1-17-92	8240

ND = Not Detected

003554

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-20
Lab ID: 020236-0002-SA
Matrix: AQUEOUS Sampled: 14 JAN 92 Received: 15 JAN 92
Authorized: 15 JAN 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.8	units	--	9040	NA	15 JAN 92
Specific Conductance at 25 deg.C	621	umhos/cm	1.0	120.1	NA	15 JAN 92
Total Organic Carbon	1.0	mg/L	0.50	9060	NA	16 JAN 92
Total Organic Halogen as Cl	ND	ug/L	30.0	9020	NA	19 JAN 92

ND = Not detected
NA = Not applicable

Reported By: Jody Tolle Approved By: Roxanne Sullivan

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-20
Lab ID: 020236-0002-SA
Matrix: AQUEOUS Sampled: 14 JAN 92 Received: 15 JAN 92
Authorized: 15 JAN 92 Prepared: 17 JAN 92 Analyzed: 17 JAN 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	ND	ug/L	5.0
Trichloroethene	ND	ug/L	5.0

Surrogate	Recovery	
Toluene-d8	107	%
4-Bromofluorobenzene	99	%
1,2-Dichloroethane-d4	98	%

ND = Not detected
NA = Not applicable

Reported By: Scott McPhail Approved By: Paul Winkler

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.

2nd Quarter 1992

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-20

SAMPLE COLLECTION BY: JOHN M. WAKEFIELD

WELL DEPTH: 138.27

LABORATORY NAME: ENSECO-RMAL

DATE SAMPLED: 4-6-92

LABORATORY SAMPLE I.D. #: 022031-0002-SA

TIME SAMPLED: 1124

DATE RECIEVED BY LAB.: 4-7-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4974.50	4-6-92
Well Casing Volume	-----	gal.	44.32	"
Pump Rate	-----	gal/min	1.02	"
Pump Period	72004	min.	132	"
Volume Evacuated	73675	gal.	134.5	"
Well Sampling Method	84077	---	BLDRP	"
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003557

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.8	NA	4-7-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	576	1.0	4-7-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	ND	30.0	4-21-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.6	0.50	4-20-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

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: 6-18-97

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

NA = Not applicable

MONITORING WELL APPENDIX VII & IX DATA FOR FACILITIES IN ASSESSMENT

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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	ND	5.0	4-7-92	4-18-92	8240
Trichloroethene		UG/L	ND	5.0	4-7-92	4-18-92	8240

003560

ND= Not Detected

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-20
Lab ID: 022031-0002-SA
Matrix: AQUEOUS Sampled: 06 APR 92 Received: 07 APR 92
Authorized: 07 APR 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.8	units	--	9040	NA	07 APR 92
Specific Conductance at 25 deg.C	576	umhos/cm	1.0	120.1	NA	07 APR 92
Total Organic Carbon	1.6	mg/L	0.50	9060	NA	20 APR 92
Total Organic Halogen as Cl	ND	ug/L	30.0	9020	NA	21 APR 92

ND = Not detected
NA = Not applicable

Reported By: Rodney Smith Approved By: Toni Lusk

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-20
Lab ID: 022031-0002-SA
Matrix: AQUEOUS Sampled: 06 APR 92 Received: 07 APR 92
Authorized: 07 APR 92 Prepared: 07 APR 92 Analyzed: 18 APR 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	ND	ug/L	5.0
Trichloroethene	ND	ug/L	5.0

Surrogate	Recovery	
Toluene-d8	98	%
4-Bromofluorobenzene	94	%
1,2-Dichloroethane-d4	96	%

ND = Not detected
NA = Not applicable

Reported By: SWILLMS Approved By: CRITCHIE

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 1992

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-20

WELL DEPTH: 138.27

DATE SAMPLED: 7-13-92

TIME SAMPLED: 1110

SAMPLE COLLECTION BY: JOHN M. WAKEFIELD

LABORATORY NAME: ENSECO-RMAL

LABORATORY SAMPLE I.D. #: 023821-0002-SA

DATE RECIEVED BY LAB.: 7-14-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4975.67	7-13-92
Well Casing Volume	-----	gal.	45.08	7-13-92
Pump Rate	-----	gal/min	0.80	7-13-92
Pump Period	72004	min.	109	7-13-92
Volume Evacuated	73675	gal.	136.5	7-13-92
Well Sampling Method	84077	---	BLDRP	7-13-92
Sampler Material	____	---	TEFLN	N/A

Well Sampling Method: BLDRP

003563

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.8	NA	7-14-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	569	1.0	120.1	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	ND	30.0	7-23-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.6	0.50	7-28-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	18.3	3.0	7-21-92	300.0
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	780	10	7-21-92	6010
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	49.3	5.0	7-21-92	6010
Sulfate	00945	mg/l	76.2	5.0	7-21-92	300.0
Turbidity		NTU	NA			

DATE OF THIS REPORT: 10-6-92

SIGNATURE: John M. Wakefield

NAME (PRINTED): John M. Wakefield

NA= Not Applicable

MONITORING WELL APPENDIX VI or IX DATA FOR FACILITIES IN ASSESSMENT

Under assessment monitoring as per IWMR-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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	ND	5.0	7-16-92	7-22-92	8240
Trichloroethene		UG/L	ND	5.0	7-16-92	7-22-92	8240
1, 1, 1 - Trichloroethane		UG/L	ND	5.0	7-16-92	7-22-92	8240.

003566

ND= Not Detected

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-20
Lab ID: 023821-0002-SA
Matrix: AQUEOUS Sampled: 13 JUL 92 Received: 14 JUL 92
Authorized: 14 JUL 92 Prepared: 16 JUL 92 Analyzed: 22 JUL 92

Parameter	Result	Units	Reporting Limit
Acetone	ND	ug/L	10
Acetonitrile	ND	ug/L	200
Acrolein	ND	ug/L	100
Acrylonitrile	ND	ug/L	100
Allyl chloride	ND	ug/L	10
Benzene	ND	ug/L	5.0
Bromodichloromethane	ND	ug/L	5.0
Bromoform	ND	ug/L	5.0
Bromomethane	ND	ug/L	10
2-Butanone (MEK)	ND	ug/L	10
Carbon disulfide	ND	ug/L	5.0
Carbon tetrachloride	ND	ug/L	5.0
Chlorobenzene	ND	ug/L	5.0
Chloroethane	ND	ug/L	10
Chloroform	ND	ug/L	5.0
Chloromethane	ND	ug/L	10
Chloroprene	ND	ug/L	5.0
Dibromochloromethane	ND	ug/L	5.0
1,2-Dibromo-3-chloro-propane (DBCP)	ND	ug/L	10
1,2-Dibromoethane (EDB)	ND	ug/L	10
Dibromomethane	ND	ug/L	5.0
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0
Dichlorodifluoromethane	ND	ug/L	20
1,1-Dichloroethane	ND	ug/L	5.0
1,2-Dichloroethane	ND	ug/L	5.0
1,1-Dichloroethene	ND	ug/L	5.0
1,2-Dichloroethene (total)	ND	ug/L	5.0
1,2-Dichloropropane	ND	ug/L	5.0
cis-1,3-Dichloropropene	ND	ug/L	5.0
trans-1,3-Dichloropropene	ND	ug/L	5.0
1,4-Dioxane	ND	ug/L	500
Ethylbenzene	ND	ug/L	5.0
Ethyl methacrylate	ND	ug/L	20
Iodomethane	ND	ug/L	5.0
Isobutanol	ND	ug/L	200
2-Hexanone	ND	ug/L	10
Methacrylonitrile	ND	ug/L	5.0
Methylene chloride	ND	ug/L	5.0

(continued on following page)

ND = Not detected
NA = Not applicable

Reported By: Eric Greenleaf Approved By: Karen Kuiken

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-20
Lab ID: 023821-0002-SA
Matrix: AQUEOUS
Authorized: 14 JUL 92

Sampled: 13 JUL 92
Prepared: 16 JUL 92

Received: 14 JUL 92
Analyzed: 22 JUL 92

Parameter	Result	Units	Reporting Limit
Methyl methacrylate	ND	ug/L	20
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10
Propionitrile	ND	ug/L	5.0
Styrene	ND	ug/L	5.0
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0
Tetrachloroethene	ND	ug/L	5.0
Toluene	ND	ug/L	5.0
1,1,1-Trichloroethane	ND	ug/L	5.0
1,1,2-Trichloroethane	ND	ug/L	5.0
Trichloroethene	ND	ug/L	5.0
Trichlorofluoromethane	ND	ug/L	5.0
1,2,3-Trichloropropane	ND	ug/L	5.0
Vinyl acetate	ND	ug/L	10
Vinyl chloride	ND	ug/L	10
Xylenes (total)	ND	ug/L	5.0

Surrogate	Recovery	
Toluene-d8	94	%
4-Bromofluorobenzene	89	%
1,2-Dichloroethane-d4	94	%

ND = Not detected
NA = Not applicable

Reported By: Eric Greenleaf

Approved By: Karen Kuiken

Enseco
A Corning Company

Metals

Total Metals

Client Name: Sparton Technology, Inc.
Client ID: MW-20
Lab ID: 023821-0002-SA
Matrix: AQUEOUS
Authorized: 14 JUL 92

Sampled: 13 JUL 92
Prepared: See Below

Received: 14 JUL 92
Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chromium (VI)	ND	mg/L	0.010	7196	NA	14 JUL 92
Chromium III	ND	mg/L	0.010	7196/6010	NA	30 JUL 92
Boron	0.14	mg/L	0.10	6010	17 JUL 92	21 JUL 92
Manganese	0.78	mg/L	0.010	6010	17 JUL 92	21 JUL 92
Nickel	ND	mg/L	0.040	6010	17 JUL 92	21 JUL 92
Sodium	49.3	mg/L	5.0	6010	17 JUL 92	21 JUL 92

ND = Not detected
NA = Not applicable

Reported By: Bill McCall

Approved By: Will Pratt

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology, Inc.
Client ID: MW-20
Lab ID: 023821-0002-SA
Matrix: AQUEOUS Sampled: 13 JUL 92 Received: 14 JUL 92
Authorized: 14 JUL 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chloride	18.3	mg/L	3.0	300.0	NA	21 JUL 92
Nitrate plus Nitrite	0.64	mg/L	0.10	353.2	NA	16 JUL 92
Nitrate as N	0.62	mg/L	0.10	353.2/354.1	NA	16 JUL 92
pH	7.8	units	--	9040	NA	14 JUL 92
Sulfate	76.2	mg/L	5.0	300.0	NA	21 JUL 92
Specific Conductance at 25 deg.C	569	umhos/cm	1.0	120.1	NA	14 JUL 92
Total Kjeldahl Nitrogen as N	ND	mg/L	0.50	351.2	NA	17 JUL 92
Total Organic Carbon	1.6	mg/L	0.50	9060	NA	28 JUL 92
Total Organic Halogen as Cl	ND	ug/L	30.0	9020	NA	23 JUL 92

ND = Not detected
NA = Not applicable

Reported By: Kaye Ryman Approved By: Will Pratt

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

4th Quarter 1992

FACILITY NAME SPARTON TECHNOLOGY, INC.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-20 SAMPLE COLLECTION BY JOHN M. WAKEFIELD

WELL DEPTH 138.27 LABORATORY NAME ENSECO-RMAL

DATE SAMPLED 9-23-92 LABORATORY SAMPLE I.D. # 025295-0002-SA

TIME SAMPLED 1006 DATE RECIEVED BY LAB. 9-24-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4975.03	9-23-92
Well Casing Volume	-----	gal.	44.66	9-23-92
Pump Rate	-----	gal/min	1.13	9-23-92
Pump Period	72004	min.	121	9-23-92
Volume Evacuated	73675	gal.	136.5	9-23-92
Well Sampling Method	84077	---	BLDRP	N/A
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003571

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
MW-20						
pH	00400	S.U.	7.8	NA	9-24-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	623	1.0	9-24-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	ND	30.0	10-8-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.6	0.50	9-28-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
MW-20						
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: 1-6-93

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

NA = Not applicable

MONITORING WELL APPENDIX VI or IX DATA FOR FACILITIES IN ASSESSMENT

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.

mw-20

PARAMETER	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	ND	5.0	9-24-92	10-6-92	8240
Trichloroethene		UG/L	30	5.0	9-24-92	10-6-92	8240

ND= Not Detected

003574

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-20
Lab ID: 025295-0002-SA
Matrix: AQUEOUS
Authorized: 24 SEP 92

Sampled: 23 SEP 92
Prepared: 24 SEP 92

Received: 24 SEP 92
Analyzed: 06 OCT 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	ND	ug/L	5.0
Trichloroethene	30	ug/L	5.0

Surrogate	Recovery	
Toluene-d8	99	%
4-Bromofluorobenzene	94	%
1,2-Dichloroethane-d4	101	%

ND = Not detected
NA = Not applicable

Reported By: Debbie Coyle

Approved By: Audrey Verniero

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology, Inc.
Client ID: MW-20
Lab ID: 025295-0002-SA
Matrix: AQUEOUS
Authorized: 24 SEP 92

Sampled: 23 SEP 92
Prepared: See Below

Received: 24 SEP 92
Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.8	units	--	9040	NA	24 SEP 92
Specific Conductance at 25 deg.C	623	umhos/cm	1.0	120.1	NA	24 SEP 92
Total Organic Carbon	1.6	mg/L	0.50	9060	NA	28 SEP 92
Total Organic Halogen as Cl	ND	ug/L	30.0	9020	NA	08 OCT 92

ND = Not detected
NA = Not applicable

Reported By: Rodney Smith

Approved By: Will Pratt

MONITORING WELL IDENTIFICATION REPORT

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME ____SPARTON TECHNOLOGY, INC._____

EPA I.D. NUMBER ____NMD 083212332_____

COUNTY ____BERNALILLO_____

WELL NUMBER ____MW-21_____

WELL LOCATION (LONGITUDE) ____106____39'____40.2''__*

WELL LOCATION (LATITUDE) _____35____11'____22.4''__*

AQUIFER NAME __RIO GRANDE ALLUVIAL_____

AQUIFER; CONFINED _____ UNCONFINED ___X____

WELL INSTALLATION DATE ___8/6/86_____

DRILLING METHOD ___HLWAG_____

INNER CASING DIAMETER ___2.0_____

BOREHOLE DIAMETER ___7.5_____

CASING MATERIAL ___PVC_____

METHOD OF DEVELOPMENT ___BAILD_____

ELEV BOTTOM OF BOREHOLE ___4977.80_____

ELEV BOTTOM OF WELL CASING ___4977.80_____

ELEV BOTTOM OF SCREENED INT___4977.80_____

ELEV OF TOP OF SCREENED INT___4982.80_____

SURVEYED ELEV OF CASING TOP___5047.72_____

SURVEYED MEASURING PT. ELEV___5048.36_____

DATE OF REPORT ___2/28/93____ SIGNATURE: _____

NAME (TYPED) _John M. Wakefield___

b:wellid/bass

* Scaled from USGS 7.5' quad.

ANNUAL SUMMARY OF MONITOR WELL DATA FOR ASSESSMENT MONITORING

This form is for annual presentation of data by all facilities operating under interim status. [HWMR-5, Part VI, Section 265.93(f) and 265.4(b)].

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME SPARTON TECHNOLOGY INC.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-21

		SAMPLE DATES			
		1/14/92	4/06/92	7/13/92	9/23/92
PARAMETERS	UNITS	VALUE			
Elev. of G.Water	ft.	4980.50	4980.08	4980.50	4980.58
pH (Avg)	S.U.	7.8	7.9	7.8	7.8
Spec Cond (Avg)	umhos/cm	674	670	667	657
T.O.X. (Avg)	ug/1	673	258	334	570
T.O.C. (Avg)	mg/1	<0.50	0.68	0.98	0.99
Chloride	mg/1			22.9	
Iron	ug/1				
Manganese	ug/1			23	
Phenols	ug/1				
Sodium	mg/1			52.2	
Sulfate	mg/1			101	
Turbidity	NTU				

APPENDIX IX PARAMETERS
MW-21

		SAMPLE DATES			
		1/14/92	4/06/92	7/13/92	9/23/92
PARAMETERS	UNITS	VALUE			
1,1-Dichloroethene	ug/l	62	<25	31	38
Trichloroethene	ug/l	680	360	390	460
1,1,1-Trichloroethane	ug/l			310	

DATE OF REPORT: 3/01/93

SIGNATURE: John M. Wakefield

NAME (TYPED): John M. Wakefield

b:asses.1/bas

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

1st Quarter 1992

FACILITY NAME: SPARTON TECHNOLOGY, INC.

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER	MW-21	SAMPLE COLLECTION BY	JOHN M. WAKEFIELD
WELL DEPTH	69.92	LABORATORY NAME	ENSECO-RMAL
DATE SAMPLED	1-14-92	LABORATORY SAMPLE I.D. #	020236-0005-SA
TIME SAMPLED	1410	DATE RECIEVED BY LAB.	1-15-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4980.50	1-14-92
Well Casing Volume	-----	gal.	0.47	"
Pump Rate	-----	gal/min	0.07	"
Pump Period	72004	min.	22	"
Volume Evacuated	73675	gal.	1.5	"
Well Sampling Method	84077	---	BLDRP	"
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003580

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.8	NA	1-15-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	674	1.0	1-15-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	673	150	1-19-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	ND	0.50	1-16-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA = Not Applicable
ND = Not Detected

GROUND WATER QUALITY PARAMETERS

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: 3-30-92

SIGNATURE: John M. Wakefield

NAME (PRINTED): John M. Wakefield

NA = Not Applicable

003582

MONITORING WELL APPENDIX VII - IX DATA FOR FACILITIES IN ASSESSMENT

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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1-Dichloroethene		ug/L	62	25	1-17-92	1-17-92	8240
Trichloroethene		ug/L	680	25	1-17-92	1-17-92	8240

003583

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-21
Lab ID: 020236-0005-SA
Matrix: AQUEOUS Sampled: 14 JAN 92 Received: 15 JAN 92
Authorized: 15 JAN 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.8	units	--	9040	NA	15 JAN 92
Specific Conductance at 25 deg.C	674	umhos/cm	1.0	120.1	NA	15 JAN 92
Total Organic Carbon	ND	mg/L	0.50	9060	NA	16 JAN 92
Total Organic Halogen as Cl	673	ug/L	150	9020	NA	19 JAN 92

ND = Not detected
NA = Not applicable

Reported By: Jody Tolle Approved By: Roxanne Sullivan

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-21
Lab ID: 020236-0005-SA
Matrix: AQUEOUS Sampled: 14 JAN 92 Received: 15 JAN 92
Authorized: 15 JAN 92 Prepared: 17 JAN 92 Analyzed: 17 JAN 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	62	ug/L	25
Trichloroethene	680	ug/L	25

Surrogate	Recovery	
Toluene-d8	109	%
4-Bromofluorobenzene	103	%
1,2-Dichloroethane-d4	100	%

ND = Not detected
NA = Not applicable

Reported By: Steven McKee Approved By: Paul Winkler

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.

2nd Quarter 1992

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER	MW-21	SAMPLE COLLECTION BY	JOHN M. WAKEFIELD
WELL DEPTH	69.92	LABORATORY NAME	ENSECO-RMAL
DATE SAMPLED	4-6-92	LABORATORY SAMPLE I.D. #	022031-0006-SA
TIME SAMPLED	1429	DATE RECIEVED BY LAB.	4-7-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4980.08	4-6-92
Well Casing Volume	-----	gal.	0.40	"
Pump Rate	-----	gal/min	0.03	"
Pump Period	72004	min.	47	"
Volume Evacuated	73675	gal.	1.3	"
Well Sampling Method	84077	---	BLDRP	"
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003586

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.9	NA	4-7-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	670	1.0	4-7-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	258	150	4-22-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	0.68	0.50	4-20-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

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: 6-18-92

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

NA = Not applicable

003588

MONITORING WELL APPENDIX VI or IX DATA FOR FACILITIES IN ASSESSMENT

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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	ND	25	4-7-92	4-19-92	8240
Trichloroethene		UG/L	360	25	4-7-92	4-19-92	8240

ND= Not Detected

003589

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-21
Lab ID: 022031-0006-SA
Matrix: AQUEOUS Sampled: 06 APR 92 Received: 07 APR 92
Authorized: 07 APR 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.9	units	--	9040	NA	07 APR 92
Specific Conductance at 25 deg.C	670	umhos/cm	1.0	120.1	NA	07 APR 92
Total Organic Carbon	0.68	mg/L	0.50	9060	NA	20 APR 92
Total Organic Halogen as Cl	258	ug/L	150	9020	NA	22 APR 92

ND = Not detected
NA = Not applicable

Reported By: Rodney Smith Approved By: Toni Lusk

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-21
Lab ID: 022031-0006-SA
Matrix: AQUEOUS
Authorized: 07 APR 92

Sampled: 06 APR 92
Prepared: 07 APR 92

Received: 07 APR 92
Analyzed: 19 APR 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	ND	ug/L	25
Trichloroethene	360	ug/L	25

Surrogate	Recovery	
Toluene-d8	100	%
4-Bromofluorobenzene	92	%
1,2-Dichloroethane-d4	95	%

ND = Not detected
NA = Not applicable

Reported By: SWILLMS

Approved By: CRITCHIE

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 1992

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-21
WELL DEPTH: 69.92
DATE SAMPLED: 7-13-92
TIME SAMPLED: 1355

SAMPLE COLLECTION BY: JOHN M. WAKEFIELD
LABORATORY NAME: ENSECO-RMAL
LABORATORY SAMPLE I.D. #: 023821-0005-SA
DATE RECIEVED BY LAB.: 7-14-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4980.50	7-13-92
Well Casing Volume	-----	gal.	0.47	7-13-92
Pump Rate	-----	gal/min	0.06	7-13-92
Pump Period	72004	min.	25	7-13-92
Volume Evacuated	73675	gal.	1.5	7-13-92
Well Sampling Method	84077	---	BLDRP	7-13-92
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003592

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.8	NA	7-14-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	667	1.0	7-14-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	344	60.0	7-27-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	0.98	0.50	7-28-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	22.9	3.0	7-21-92	300.0
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	23	10	7-21-92	6010
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	52.2	5.0	7-21-92	6010
Sulfate	00945	mg/l	101	5.0	7-21-92	300.0
Turbidity		NTU	NA			

DATE OF THIS REPORT: 10-6-92

SIGNATURE: John M. Wakefield

NAME (PRINTED): John M. Wakefield

NA= Not Applicable

MONITORING WELL APPENDIX VI or IX DATA FOR FACILITIES IN ASSESSMENT

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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	31	16	7-16-92	7-22-92	8240
Trichloroethene		UG/L	390	16	7-16-92	7-22-92	8240
1, 1, 1 - Trichloroethane		UG/L	310	16	7-16-92	7-22-92	8240

003595

ND= Not Detected

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-21
Lab ID: 023821-0005-SA
Matrix: AQUEOUS Sampled: 13 JUL 92 Received: 14 JUL 92
Authorized: 14 JUL 92 Prepared: 16 JUL 92 Analyzed: 22 JUL 92

Parameter	Result	Units	Reporting Limit
Acetone	ND	ug/L	33
Acetonitrile	ND	ug/L	660
Acrolein	ND	ug/L	330
Acrylonitrile	ND	ug/L	330
Allyl chloride	ND	ug/L	33
Benzene	ND	ug/L	16
Bromodichloromethane	ND	ug/L	16
Bromoform	ND	ug/L	16
Bromomethane	ND	ug/L	33
2-Butanone (MEK)	ND	ug/L	33
Carbon disulfide	ND	ug/L	16
Carbon tetrachloride	ND	ug/L	16
Chlorobenzene	ND	ug/L	16
Chloroethane	ND	ug/L	33
Chloroform	ND	ug/L	16
Chloromethane	ND	ug/L	33
Chloroprene	ND	ug/L	16
Dibromochloromethane	ND	ug/L	16
1,2-Dibromo-3-chloro-propane (DBCP)	ND	ug/L	33
1,2-Dibromoethane (EDB)	ND	ug/L	33
Dibromomethane	ND	ug/L	16
trans-1,4-Dichloro-2-butene	ND	ug/L	16
Dichlorodifluoromethane	ND	ug/L	66
1,1-Dichloroethane	ND	ug/L	16
1,2-Dichloroethane	ND	ug/L	16
1,1-Dichloroethene	31	ug/L	16
1,2-Dichloroethene (total)	ND	ug/L	16
1,2-Dichloropropane	ND	ug/L	16
cis-1,3-Dichloropropene	ND	ug/L	16
trans-1,3-Dichloropropene	ND	ug/L	16
1,4-Dioxane	ND	ug/L	1600
Ethylbenzene	ND	ug/L	16
Ethyl methacrylate	ND	ug/L	66
Iodomethane	ND	ug/L	16
Isobutanol	ND	ug/L	660
2-Hexanone	ND	ug/L	33
Methacrylonitrile	ND	ug/L	16
Methylene chloride	ND	ug/L	16

(continued on following page)

ND = Not detected
NA = Not applicable

Reported By: Eric Greenleaf Approved By: Karen Kuiken

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-21
Lab ID: 023821-0005-SA
Matrix: AQUEOUS
Authorized: 14 JUL 92

Sampled: 13 JUL 92
Prepared: 16 JUL 92

Received: 14 JUL 92
Analyzed: 22 JUL 92

Parameter	Result	Units	Reporting Limit
Methyl methacrylate	ND	ug/L	66
4-Methyl-2-pentanone (MIBK)	ND	ug/L	33
Propionitrile	ND	ug/L	16
Styrene	ND	ug/L	16
1,1,1,2-Tetrachloroethane	ND	ug/L	16
1,1,2,2-Tetrachloroethane	ND	ug/L	16
Tetrachloroethene	ND	ug/L	16
Toluene	ND	ug/L	16
1,1,1-Trichloroethane	310	ug/L	16
1,1,2-Trichloroethane	ND	ug/L	16
Trichloroethene	390	ug/L	16
Trichlorofluoromethane	ND	ug/L	16
1,2,3-Trichloropropane	ND	ug/L	16
Vinyl acetate	ND	ug/L	33
Vinyl chloride	ND	ug/L	33
Xylenes (total)	ND	ug/L	16

Surrogate	Recovery	
Toluene-d8	95	%
4-Bromofluorobenzene	94	%
1,2-Dichloroethane-d4	89	%

ND = Not detected
NA = Not applicable

Reported By: Eric Greenleaf

Approved By: Karen Kuiken

Enseco
A Corning Company

Metals

Total Metals

Client Name: Sparton Technology, Inc.
Client ID: MW-21
Lab ID: 023821-0005-SA
Matrix: AQUEOUS
Authorized: 14 JUL 92

Sampled: 13 JUL 92
Prepared: See Below

Received: 14 JUL 92
Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chromium (VI)	ND	mg/L	0.010	7196	NA	14 JUL 92
Chromium III	ND	mg/L	0.010	7196/6010	NA	30 JUL 92
Boron	0.16	mg/L	0.10	6010	17 JUL 92	21 JUL 92
Manganese	0.023	mg/L	0.010	6010	17 JUL 92	21 JUL 92
Nickel	ND	mg/L	0.040	6010	17 JUL 92	21 JUL 92
Sodium	52.2	mg/L	5.0	6010	17 JUL 92	21 JUL 92

ND = Not detected
NA = Not applicable

Reported By: Bill McCall

Approved By: Will Pratt

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology, Inc.
Client ID: MW-21
Lab ID: 023821-0005-SA
Matrix: AQUEOUS Sampled: 13 JUL 92 Received: 14 JUL 92
Authorized: 14 JUL 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chloride	22.9	mg/L	3.0	300.0	NA	21 JUL 92
Nitrate plus Nitrite	3.3	mg/L	0.50	353.2	NA	16 JUL 92
Nitrate as N	3.3	mg/L	0.50	353.2/354.1	NA	16 JUL 92
pH	7.8	units	--	9040	NA	14 JUL 92
Sulfate	101	mg/L	5.0	300.0	NA	21 JUL 92
Specific Conductance at 25 deg.C	667	umhos/cm	1.0	120.1	NA	14 JUL 92
Total Kjeldahl Nitrogen as N	ND	mg/L	0.50	351.2	NA	17 JUL 92
Total Organic Carbon	0.98	mg/L	0.50	9060	NA	28 JUL 92
Total Organic Halogen as Cl	344	ug/L	60.0	9020	NA	27 JUL 92

ND = Not detected
NA = Not applicable

Reported By: Kaye Ryman Approved By: Will Pratt

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.

4th Quarter 1992

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-21

SAMPLE COLLECTION BY Peter H. Metzner

WELL DEPTH 69.92

LABORATORY NAME ENSECO-RMAL

DATE SAMPLED 9-23-92

LABORATORY SAMPLE I.D. # 025295-0005-SA

TIME SAMPLED 1235

DATE RECIEVED BY LAB. 9-24-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4980.58	9-23-92
Well Casing Volume	-----	gal.	0.48	9-23-92
Pump Rate	-----	gal/min	0.10	9-23-92
Pump Period	72004	min.	20	9-23-92
Volume Evacuated	73675	gal.	2.0	9-23-92
Well Sampling Method	84077	---	BLDRP	N/A
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003600

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
MW-21						
pH	00400	S.U.	7.8	NA	9-24-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	657	1.0	9-24-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	570	150	10-8-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	0.99	0.50	9-28-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
MW-21						
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: 1-8-93

SIGNATURE: John M Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

NA = Not applicable

MONITORING WELL APPENDIX VI or IX DATA FOR FACILITIES IN ASSESSMENT

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.

MW-21

PARAMETER	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	38	17	9-24-92	10-9-92	8240
Trichloroethene		UG/L	460	17	9-24-92	10-9-92	8240

003603

ND= Not Detected

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-21
Lab ID: 025295-0005-SA
Matrix: AQUEOUS Sampled: 23 SEP 92 Received: 24 SEP 92
Authorized: 24 SEP 92 Prepared: 24 SEP 92 Analyzed: 09 OCT 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	38	ug/L	17
Trichloroethene	460	ug/L	17

Surrogate	Recovery	
Toluene-d8	104	%
4-Bromofluorobenzene	101	%
1,2-Dichloroethane-d4	97	%

ND = Not detected
NA = Not applicable

Reported By: Sandra Jones Approved By: Mark Pokorny

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology, Inc.
Client ID: MW-21
Lab ID: 025295-0005-SA
Matrix: AQUEOUS Sampled: 23 SEP 92 Received: 24 SEP 92
Authorized: 24 SEP 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.8	units	--	9040	NA	24 SEP 92
Specific Conductance at 25 deg.C	657	umhos/cm	1.0	120.1	NA	24 SEP 92
Total Organic Carbon	0.99	mg/L	0.50	9060	NA	28 SEP 92
Total Organic Halogen as Cl	570	ug/L	150	9020	NA	08 OCT 92

ND = Not detected
NA = Not applicable

Reported By: Rodney Smith Approved By: Will Pratt

MONITORING WELL IDENTIFICATION REPORT

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME ____SPARTON TECHNOLOGY, INC._____

EPA I.D. NUMBER ____NMD 083212332_____

COUNTY ____BERNALILLO_____

WELL NUMBER ____MW-22_____

WELL LOCATION (LONGITUDE) ____106____39'____35.8''__*

WELL LOCATION (LATITUDE) _____35____11'____20.6''__*

AQUIFER NAME __RIO GRANDE ALLUVIAL_____

AQUIFER; CONFINED _____ UNCONFINED ___X____

WELL INSTALLATION DATE ___8/8/86_____

DRILLING METHOD ___HLWAG_____

INNER CASING DIAMETER ___2.0_____

BOREHOLE DIAMETER ___7.5_____

CASING MATERIAL ___PVC_____

METHOD OF DEVELOPMENT ___BAILD_____

ELEV BOTTOM OF BOREHOLE ___4970.51_____

ELEV BOTTOM OF WELL CASING ___4972.01_____

ELEV BOTTOM OF SCREENED INT___4972.01_____

ELEV OF TOP OF SCREENED INT___4977.01_____

SURVEYED ELEV OF CASING TOP___5047.41_____

SURVEYED MEASURING PT. ELEV___5048.06_____

DATE OF REPORT ___2/28/93____ SIGNATURE: _____

NAME (TYPED) _John M. Wakefield___

b:wellid/bass

* Scaled from USGS 7.5' quad.

ANNUAL SUMMARY OF MONITOR WELL DATA
FOR ASSESSMENT MONITORING

This form is for annual presentation of data by all facilities operating under interim status. [HWMR-5, Part VI, Section 265.93(f) and 265.4(b)].

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME SPARTON TECHNOLOGY INC.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-22

		SAMPLE DATES			
		1/15/92	4/07/92	7/14/92	9/23/92
PARAMETERS	UNITS	VALUE			
Elev. of G.Water	ft.	4979.97	4979.47	4980.80	4980.66
pH (Avg)	S.U.	7.7	7.7	7.8	7.8
Spec Cond (Avg)	umhos/cm	690	707	669	672
T.O.X. (Avg)	ug/1	97.0	146	125	121
T.O.C. (Avg)	mg/1	1.2	0.99	1.3	1.2
Chloride	mg/1			19.2	
Iron	ug/1				
Manganese	ug/1			71	
Phenols	ug/1				
Sodium	mg/1			45.6	
Sulfate	mg/1			83.8	
Turbidity	NTU				

APPENDIX IX PARAMETERS
MW-22

		SAMPLE DATES			
		1/15/92	4/07/92	7/14/92	9/23/92
PARAMETERS	UNITS	VALUE			
1,1-Dichloroethene	ug/l	40	31	21	25
Trichloroethene	ug/l	65	90	72	48
1,1,1-Trichloroethane	ug/l			85	

DATE OF REPORT: 3/01/93

SIGNATURE: John M. Wakefield

NAME (TYPED): John M. Wakefield

b:asses.1/bas

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

1st Quarter 1992

FACILITY NAME: SPARTON TECHNOLOGY, INC.

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-22 SAMPLE COLLECTION BY: JOHN M. WAKEFIELD

WELL DEPTH: 75.40 LABORATORY NAME: ENSECO-RMAL

DATE SAMPLED: 1-15-92 LABORATORY SAMPLE I.D. #: 020272-0001-SA

TIME SAMPLED: 0943 DATE RECIEVED BY LAB.: 1-16-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4979.97	1-15-92
Well Casing Volume	-----	gal.	1.26	"
Pump Rate	-----	gal/min	0.11	"
Pump Period	72004	min.	35	"
Volume Evacuated	73675	gal.	4.0	"
Well Sampling Method	84077	---	BLDRP	"
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003609

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.7	NA	1-16-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	690	1.0	1-16-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	97.0	30.0	1-29-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.2	0.50	1-20-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA = Not Applicable

GROUND WATER QUALITY PARAMETERS

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: 3-30-92

SIGNATURE: John M. Wakefield

NAME (PRINTED): John M. Wakefield

NA = Not Applicable

MONITORING WELL APPENDIX VII or IX DATA FOR FACILITIES IN ASSESSMENT

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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1-Dichloroethene		ug/L	40	12	1-20-92	1-23-92	8240
Trichloroethene		ug/L	65	12	1-20-92	1-23-92	8240

003612

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-22
Lab ID: 020272-0001-SA
Matrix: AQUEOUS
Authorized: 16 JAN 92

Sampled: 15 JAN 92
Prepared: See Below

Received: 16 JAN 92
Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.7	units	--	9040	NA	16 JAN 92
Specific Conductance at 25 deg.C	690	umhos/cm	1.0	120.1	NA	16 JAN 92
Total Organic Carbon	1.2	mg/L	0.50	9060	NA	20 JAN 92
Total Organic Halogen as Cl	97.0	ug/L	30.0	9020	NA	29 JAN 92

ND = Not detected
NA = Not applicable

Reported By: Blake Besser

Approved By: Will Pratt

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-22
Lab ID: 020272-0001-SA
Matrix: AQUEOUS Sampled: 15 JAN 92 Received: 16 JAN 92
Authorized: 16 JAN 92 Prepared: 20 JAN 92 Analyzed: 23 JAN 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	40	ug/L	12
Trichloroethene	65	ug/L	12

Surrogate	Recovery	
Toluene-d8	100	%
4-Bromofluorobenzene	98	%
1,2-Dichloroethane-d4	100	%

ND = Not detected
NA = Not applicable

Reported By: Cherie Windholz Approved By: Paul Winkler

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. [EWMR-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.

2nd Quarter 1992

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER	MW-22	SAMPLE COLLECTION BY	JOHN M. WAKEFIELD
WELL DEPTH	75.40	LABORATORY NAME	ENSECO-RMAL
DATE SAMPLED	4-7-92	LABORATORY SAMPLE I.D. #	022057-0001-SA
TIME SAMPLED	1009	DATE RECIEVED BY LAB.	4-8-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4979.47	4-8-92
Well Casing Volume	-----	gal.	1.17	"
Pump Rate	-----	gal/min	0.07	"
Pump Period	72004	min.	52	"
Volume Evacuated	73675	gal.	3.8	"
Well Sampling Method	84077	---	BLDRP	"
Sampler Material	____	---	TEFLN	N/A

Well Sampling Method: BLDRP

003615

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.7	NA	4-8-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	707	1.0	4-8-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	146	30.0	4-21-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	0.99	0.50	4-20-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

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: 6-18-92

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

NA = Not applicable

003617

MONITORING WELL APPENDIX VII or IX DATA FOR FACILITIES IN ASSESSMENT

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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	31	5.0	4-8-92	4-19-92	8240
Trichloroethene		UG/L	90	5.0	4-8-92	4-19-92	8240

003618

ND= Not Detected

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-22
Lab ID: 022057-0001-SA
Matrix: AQUEOUS Sampled: 07 APR 92 Received: 08 APR 92
Authorized: 08 APR 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.7	units	--	9040	NA	08 APR 92
Specific Conductance at 25 deg.C	707	umhos/cm	1.0	120.1	NA	08 APR 92
Total Organic Carbon	0.99	mg/L	0.50	9060	NA	20 APR 92
Total Organic Halogen as Cl	146	ug/L	30.0	9020	NA	21 APR 92

ND = Not detected
NA = Not applicable

Reported By: Rodney Smith Approved By: Will Pratt

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-22
Lab ID: 022057-0001-SA
Matrix: AQUEOUS Sampled: 07 APR 92 Received: 08 APR 92
Authorized: 08 APR 92 Prepared: 08 APR 92 Analyzed: 19 APR 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	31	ug/L	5.0
Trichloroethene	90	ug/L	5.0

Surrogate	Recovery	
Toluene-d8	104	%
4-Bromofluorobenzene	104	%
1,2-Dichloroethane-d4	104	%

ND = Not detected
NA = Not applicable

Reported By: SWILLMS Approved By: CRITCHIE

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 1992

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-22 SAMPLE COLLECTION BY JOHN M. WAKEFIELD

WELL DEPTH 75.40 LABORATORY NAME ENSECO-RMAL

DATE SAMPLED 7-14-92 LABORATORY SAMPLE I.D. # 023847-0002-SA

TIME SAMPLED 1127 DATE RECIEVED BY LAB. 7-15-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4980.80	7-14-92
Well Casing Volume	-----	gal.	1.39	7-14-92
Pump Rate	-----	gal/min	0.15	7-14-92
Pump Period	72004	min.	30	7-14-92
Volume Evacuated	73675	gal.	4.5	7-14-92
Well Sampling Method	84077	---	BLDRP	7-14-92
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003621

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.8	NA	7-15-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	669	1.0	7-15-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	125	60.0	7-27-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.3	0.50	7-28-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	19.2	3.0	7-21-92	300.0
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	71	10	7-21-92	6010
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	45.6	5.0	7-21-92	6010
Sulfate	00945	mg/l	83.8	5.0	7-21-92	300.0
Turbidity		NTU	NA			

DATE OF THIS REPORT: 10-6-92

SIGNATURE: John M. Wakefield

NAME (PRINTED): John M. Wakefield

NA= Not Applicable

MONITORING WELL APPENDIX VI or IX DATA FOR FACILITIES IN ASSESSMENT

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	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	21	5.0	7-16-92	7-28-92	8240
Trichloroethene		UG/L	72	5.0	7-16-92	7-28-92	8240
1, 1, 1 - Trichloroethane		UG/L	85	5.0	7-16-92	7-28-92	8240

003624

ND= Not Detected

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-22
Lab ID: 023847-0002-SA
Matrix: AQUEOUS Sampled: 14 JUL 92 Received: 15 JUL 92
Authorized: 16 JUL 92 Prepared: 16 JUL 92 Analyzed: 28 JUL 92

Parameter	Result	Units	Reporting Limit
Acetone	ND	ug/L	10
Acetonitrile	ND	ug/L	200
Acrolein	ND	ug/L	100
Acrylonitrile	ND	ug/L	100
Allyl chloride	ND	ug/L	10
Benzene	ND	ug/L	5.0
Bromodichloromethane	ND	ug/L	5.0
Bromoform	ND	ug/L	5.0
Bromomethane	ND	ug/L	10
2-Butanone (MEK)	ND	ug/L	10
Carbon disulfide	ND	ug/L	5.0
Carbon tetrachloride	ND	ug/L	5.0
Chlorobenzene	ND	ug/L	5.0
Chloroethane	ND	ug/L	10
Chloroform	ND	ug/L	5.0
Chloromethane	ND	ug/L	10
Chloroprene	ND	ug/L	5.0
Dibromochloromethane	ND	ug/L	5.0
1,2-Dibromo-3-chloro-propane (DBCP)	ND	ug/L	10
1,2-Dibromoethane (EDB)	ND	ug/L	10
Dibromomethane	ND	ug/L	5.0
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0
Dichlorodifluoromethane	ND	ug/L	20
1,1-Dichloroethane	ND	ug/L	5.0
1,2-Dichloroethane	ND	ug/L	5.0
1,1-Dichloroethene	21	ug/L	5.0
1,2-Dichloroethene (total)	ND	ug/L	5.0
1,2-Dichloropropane	ND	ug/L	5.0
cis-1,3-Dichloropropene	ND	ug/L	5.0
trans-1,3-Dichloropropene	ND	ug/L	5.0
1,4-Dioxane	ND	ug/L	500
Ethylbenzene	ND	ug/L	5.0
Ethyl methacrylate	ND	ug/L	20
Iodomethane	ND	ug/L	5.0
Isobutanol	ND	ug/L	200
2-Hexanone	ND	ug/L	10
Methacrylonitrile	ND	ug/L	5.0
Methylene chloride	ND	ug/L	5.0

(continued on following page)

ND = Not detected
NA = Not applicable

Reported By: Keith Campbell Approved By: Denise Beets

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-22
Lab ID: 023847-0002-SA
Matrix: AQUEOUS Sampled: 14 JUL 92 Received: 15 JUL 92
Authorized: 16 JUL 92 Prepared: 16 JUL 92 Analyzed: 28 JUL 92

Parameter	Result	Units	Reporting Limit
Methyl methacrylate	ND	ug/L	20
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10
Propionitrile	ND	ug/L	5.0
Styrene	ND	ug/L	5.0
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0
Tetrachloroethene	ND	ug/L	5.0
Toluene	ND	ug/L	5.0
1,1,1-Trichloroethane	85	ug/L	5.0
1,1,2-Trichloroethane	ND	ug/L	5.0
Trichloroethene	72	ug/L	5.0
Trichlorofluoromethane	ND	ug/L	5.0
1,2,3-Trichloropropane	ND	ug/L	5.0
Vinyl acetate	ND	ug/L	10
Vinyl chloride	ND	ug/L	10
Xylenes (total)	ND	ug/L	5.0

Surrogate	Recovery	
Toluene-d8	102	%
4-Bromofluorobenzene	101	%
1,2-Dichloroethane-d4	98	%

ND = Not detected
NA = Not applicable

Reported By: Keith Campbell Approved By: Denise Beets

Enseco
A Corning Company

Metals

Total Metals

Client Name: Sparton Technology, Inc.
Client ID: MW-22
Lab ID: 023847-0002-SA
Matrix: AQUEOUS Sampled: 14 JUL 92 Received: 15 JUL 92
Authorized: 16 JUL 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chromium (VI)	ND	mg/L	0.010	7196	NA	15 JUL 92
Chromium III	ND	mg/L	0.010	7196/6010	NA	30 JUL 92
Boron	0.20	mg/L	0.10	6010	17 JUL 92	21 JUL 92
Manganese	0.071	mg/L	0.010	6010	17 JUL 92	21 JUL 92
Nickel	ND	mg/L	0.040	6010	17 JUL 92	21 JUL 92
Sodium	45.6	mg/L	5.0	6010	17 JUL 92	21 JUL 92

ND = Not detected
NA = Not applicable

Reported By: Bill McCall Approved By: Kristina Sanchez

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology, Inc.
Client ID: MW-22
Lab ID: 023847-0002-SA
Matrix: AQUEOUS Sampled: 14 JUL 92 Received: 15 JUL 92
Authorized: 16 JUL 92 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chloride	19.2	mg/L	3.0	300.0	NA	21 JUL 92
Nitrate plus Nitrite	3.1	mg/L	0.50	353.2	NA	16 JUL 92
Nitrate as N	3.1	mg/L	0.50	353.2/354.1	NA	16 JUL 92
pH	7.8	units	--	9040	NA	15 JUL 92
Sulfate	83.8	mg/L	5.0	300.0	NA	21 JUL 92
Specific Conductance at 25 deg.C	669	umhos/cm	1.0	120.1	NA	15 JUL 92
Total Kjeldahl Nitrogen as N	ND	mg/L	0.50	351.2	NA	17 JUL 92
Total Organic Carbon	1.3	mg/L	0.50	9060	NA	28 JUL 92
Total Organic Halogen as Cl	125	ug/L	60.0	9020	NA	27 JUL 92

ND = Not detected
NA = Not applicable

Reported By: Kaye Ryman Approved By: Will Pratt

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.

4th Quarter 1992

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-22 SAMPLE COLLECTION BY Peter H. Metzner

WELL DEPTH 75.40 LABORATORY NAME ENSECO-RMAL

DATE SAMPLED 9-23-92 LABORATORY SAMPLE I.D. # 025295-0007-SA

TIME SAMPLED 1409 DATE RECIEVED BY LAB. 9-24-92

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4980.66	9-23-92
Well Casing Volume	-----	gal.	1.37	9-23-92
Pump Rate	-----	gal/min	0.15	9-23-92
Pump Period	72004	min.	30	9-23-92
Volume Evacuated	73675	gal.	4.5	9-23-92
Well Sampling Method	84077	---	BLDRP	N/A
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003629

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
MW-22						
pH	00400	S.U.	7.8	NA	9-24-92	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	672	1.0	9-24-92	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	121	30.0	10-8-92	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.2	0.50	9-28-92	
	00680	mg/l				9060
	00680	mg/l				
	00680	mg/l				

NA= NOT APPLICABLE

ND= NOT DETECTED

GROUND WATER QUALITY PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
MW-22						
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: 1-8-93

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

NA = Not applicable

MONITORING WELL APPENDIX VI or IX DATA FOR FACILITIES IN ASSESSMENT

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.

MW-22

PARAMETER	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1,- Dichloroethene		UG/L	25	5.0	9-24-92	10-7-92	8240
Trichloroethene		UG/L	48	5.0	9-24-92	10-7-92	8240

003632

ND= Not Detected

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology, Inc.
Client ID: MW-22
Lab ID: 025295-0007-SA
Matrix: AQUEOUS
Authorized: 24 SEP 92

Sampled: 23 SEP 92
Prepared: 24 SEP 92

Received: 24 SEP 92
Analyzed: 07 OCT 92

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	25	ug/L	5.0
Trichloroethene	48	ug/L	5.0

Surrogate	Recovery	
Toluene-d8	102	%
4-Bromofluorobenzene	99	%
1,2-Dichloroethane-d4	101	%

ND = Not detected
NA = Not applicable

Reported By: Sandra Jones

Approved By: Mark Pokorny

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology, Inc.
Client ID: MW-22
Lab ID: 025295-0007-SA
Matrix: AQUEOUS
Authorized: 24 SEP 92

Sampled: 23 SEP 92
Prepared: See Below

Received: 24 SEP 92
Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.8	units	--	9040	NA	24 SEP 92
Specific Conductance at 25 deg.C	672	umhos/cm	1.0	120.1	NA	24 SEP 92
Total Organic Carbon	1.2	mg/L	0.50	9060	NA	28 SEP 92
Total Organic Halogen as Cl	121	ug/L	30.0	9020	NA	08 OCT 92

ND = Not detected
NA = Not applicable

Reported By: Rodney Smith

Approved By: Will Pratt