1991

GROUNDWATER MONITORING WELL DATA SUMMARY

SPARTON TECHNOLOGY, INC.

COORS ROAD FACILITY

ALBUQUERQUE, NEW MEXICO

SPARTON

SPARTON TECHNOLOGY

March 10, 1992

Mr. Edward Horst, Program Manager
Hazardous Water and Radioactive Materials Bureau
Environment Department
P. O. Box 26110
Santa Fe, New Mexico 87502

Reference: Monitoring Well Data
Sparton Technology, Inc., 1991

Dear Mr. Horst:

Sparton Technology, Inc., herewith submits to you the 1991 annual groundwater monitoring report for Sparton's Coors Road facility, located in Albuquerque. The report is prepared in response to HWMR-5, Part VI, Section 265.94(a)(2)(ii) and (iii), and is compiled according to data forms provided by your office.

We hope this report is sufficient for your needs.

Sincerely,

R. D. Mico

Richard D. Mico
Vice President/General Manager

RDM:kc

Enclosure: (as stated)

cc: Mr. Jan Appel
Mr. Jon DeWitt:wo/encl.
Mr. Pierce Chandler:wo/encl.
Mr. John Wakefield
Mr. Gary Richardson

003165

Sparton Technology, Inc. □ 4901 Rockaway Blvd. SE □ Rio Rancho, NM 87124 □ P.O. Box 1784 □ Albuquerque, NM 87103 □ (505) 892-5300 □ TWX 910-989-1657

MONITORING WELL IDENTIFICATION REPORT

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

FACILITY NAME Sparton Technology, Inc.

EPA I.D. NUMBER NMD083212332

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 4962.23

ELEV BOTTOM OF WELL CASING 4969.73

ELEV BOTTOM OF SCREENED INT 4974.73

ELEV OF TOP OF SCREENED INT 4979.73

SURVEYED ELEV OF CASING TOP 5043.84

DATE OF REPORT 3/10/92 SIGNATURE Gary L Richardson

NAME (TYPED) Gary L. Richardson

b:wellid/bas

* Scaled from USGS 15' quad.

1st qtr '91

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.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER	MW-9	SAMPLE COLLECTION BY	V. Samala
WELL DEPTH	74.40'	LABORATORY NAME	ENSECO
DATE SAMPLED	1-7-91	LABORATORY SAMPLE I.D. #	013035-0002-SA
TIME SAMPLED	1330	DATE RECIEVED BY LAB.	1-8-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4976.77	1-9-91
Well Casing Volume	-----	gal.	1.69	
Pump Rate	-----	gal/min	0.026	
Pump Period	72004	min.	195	
Volume Evacuated	73675	gal.	5.07	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003167

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.5	-	1-8-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	934	1.0	1-8-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	863	30.0	1-11-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.7	0.50	1-16-91	
	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	_____	_____	_____	_____
Iron	01045	ug/l	_____	_____	_____	_____
Manganese	71883	ug/l	_____	_____	_____	_____
Phenols	32730	ug/l	_____	_____	_____	_____
Sodium	00929	mg/l	_____	_____	_____	_____
Sulfate	00945	mg/l	_____	_____	_____	_____
Turbidity		NTU	_____	_____	_____	_____

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003169

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	130	100		1-9-91	8240
Trichloroethene		ug/L	1700	100		1-9-91	8240

003170

2nd qtr '91

INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

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

FACILITY NAME Sparton Technology, Inc.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER	MW-9	SAMPLE COLLECTION BY	V. Samala
WELL DEPTH	74.40'	LABORATORY NAME	ENSECO
DATE SAMPLED	4-1-91	LABORATORY SAMPLE I.D. #	014289-0006-SA
TIME SAMPLED	1400	DATE RECIEVED BY LAB.	4-2-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4975.43	4-4-91
Well Casing Volume	-----	gal.	1.53	
Pump Rate	-----	gal/min	0.092	
Pump Period	72004	min.	50	
Volume Evacuated	73675	gal.	4.6	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003171

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.6	–	4-2-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	929	1.0	4-2-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	1550	300	4-10-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.7	0.50	4-9-91	
	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	48.2	3.0	4-4-91	300.0
Iron	01045	ug/l				
Manganese	71883	ug/l	0.16	0.010	4-14-91	6010
Phenols	32730	ug/l				
Sodium	00929	mg/l	83.4	5.0	4-14-91	6010
Sulfate	00945	mg/l	235	5.0	4-4-91	300.0
Turbidity		NTU				

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003173

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	85		4-11-91	8240
Trichloroethene		ug/L	1600	85		4-11-91	8240
1,1,1-Trichloroethane		ug/L	490	85		4-11-91	8240

003174

3rd qtr '91

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 Techology, Inc.

EPA I.D. NUMBER NMD083212332

WELL NUMBER	MW-9	SAMPLE COLLECTION BY	R. Baldonado
WELL DEPTH	74.40'	LABORATORY NAME	ENSECO
DATE SAMPLED	7-8-91	LABORATORY SAMPLE I.D. #	015716-0003-SA
TIME SAMPLED	1355	DATE RECIEVED BY LAB.	7-9-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4977.43	7-10-91
Well Casing Volume	-----	gal.	1.89	
Pump Rate	-----	gal/min	0.075	
Pump Period	72004	min.	76	
Volume Evacuated	73675	gal.	5.68	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003175

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.7	-	7-9-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	1000	1.0	7-9-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	879	300	7-11-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.6	0.50	7-10-91	
	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	_____	_____	_____	_____
Iron	01045	ug/l	_____	_____	_____	_____
Manganese	71883	ug/l	_____	_____	_____	_____
Phenols	32730	ug/l	_____	_____	_____	_____
Sodium	00929	mg/l	_____	_____	_____	_____
Sulfate	00945	mg/l	_____	_____	_____	_____
Turbidity		NTU	_____	_____	_____	_____

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003177

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	99	50		7-11-91	8240
Trichloroethene		ug/L	1300	50		7-11-91	8240

003478

4th qtr '91

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.

EPA I.D. NUMBER NMD083212332

WELL NUMBER	MW-9	SAMPLE COLLECTION BY	J. Wakefield
WELL DEPTH	74.40'	LABORATORY NAME	ENSECO
DATE SAMPLED	10-7-91	LABORATORY SAMPLE I.D. #	017713-0004-SA
TIME SAMPLED	1351	DATE RECIEVED BY LAB.	10-9-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4977.43	10-3-91
Well Casing Volume	-----	gal.	1.89	
Pump Rate	-----	gal/min	0.109	
Pump Period	72004	min.	52	
Volume Evacuated	73675	gal.	5.67	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003179

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.8	–	10-8-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	950	1.0	10-8-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	1190	300	10-17-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.6	0.50	10-13-91	
	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				
Iron	01045	ug/l				
Manganese	71883	ug/l				
Phenols	32730	ug/l				
Sodium	00929	mg/l				
Sulfate	00945	mg/l				
Turbidity		NTU				

DATE OF THIS REPORT: 10-3-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003181

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
Trichloroethene		ug/L	1000	50		10-21-91	8240
1,1-Dichloroethene		ug/L	79	50		10-21-91	8240

003182

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)]

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

FACILITY NAME Sparton Technology

EPA I.D. NUMBER NMD083212332

WELL NUMBER MW-9

		SAMPLE DATES			
		1-7-91	4-1-91	7-8-91	10-7-91
PARAMETERS	UNITS	VALUE			
Elev. of G.Water	ft.	4976.77	4975.43	4977.43	4977.43
pH (Avg)	S.U.	7.5	7.6	7.7	7.8
Spec Cond (Avg)	umhos/cm	934	929	1000	950
T.O.X. (Avg)	ug/l	863	1550	879	1190
T.O.C. (Avg)	mg/l	1.7	1.7	1.6	1.6
Chloride	mg/l	–	48.2	–	–
Iron	ug/l				
Manganese	ug/l	–	0.16	–	–
Phenols	ug/l				
Sodium	mg/l	–	83.4	–	–
Sulfate	mg/l	–	235	–	–
Turbidity	NTU				

003183

APPENDIX IX PARAMETERS

		SAMPLE DATES			
		1-7-91	4-1-91	7-8-91	10-7-91
PARAMETERS	UNITS	VALUE			
1,1-Dichloroethene	ug/L	130	ND	99	79
Trichloroethene	ug/L	1700	1600	1300	1000
1,1,1-Trichloroethane	ug/L	-	490	-	-

DATE OF REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (TYPED): Peter H. Metzner

b:asses.1/bas

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: GROUNDWATER FROM MW-9
Lab ID: 013035-0002-SA
Matrix: AQUEOUS Sampled: 07 JAN 91 Received: 08 JAN 91
Authorized: 08 JAN 91 Prepared: 09 JAN 91 Analyzed: 09 JAN 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	130	ug/L	100
Trichloroethene	1700	ug/L	100
Surrogate	**Recovery**		
Toluene-d8	102	%	--
4-Bromofluorobenzene	96	%	--
1,2-Dichloroethane-d4	97	%	--

ND = Not detected
NA = Not applicable

Reported By: Tim Miller Approved By: Jeff Lowry

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: GROUNDWATER FROM MW-9
Lab ID: 013035-0002-SA
Matrix: AQUEOUS Sampled: 07 JAN 91 Received: 08 JAN 91
Authorized: 08 JAN 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.5	units	--	9040	NA	08 JAN 91
Specific Conductance at 25 deg.C	934	umhos/cm	1.0	120.1	NA	08 JAN 91
Total Organic Carbon	1.7	mg/L	0.50	9060	NA	16 JAN 91
Total Organic Halogen as Cl	863	ug/L	30.0	9020	NA	11 JAN 91

ND = Not detected
NA = Not applicable

Reported By: Eileen Burke Approved By: Roxanne Sullivan

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-9
Lab ID: 014289-0006-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 Prepared: 03 APR 91 Analyzed: 11 APR 91

Parameter	Result	Units	Reporting Limit
Acetone	ND	ug/L	170
Acetonitrile	ND	ug/L	3400
Acrolein	ND	ug/L	1700
Acrylonitrile	ND	ug/L	1700
Allyl chloride	ND	ug/L	170
Benzene	ND	ug/L	85
Bromodichloromethane	ND	ug/L	85
Bromoform	ND	ug/L	85
Bromomethane	ND	ug/L	170
2-Butanone (MEK)	ND	ug/L	170
Carbon disulfide	ND	ug/L	85
Carbon tetrachloride	ND	ug/L	85
Chlorobenzene	ND	ug/L	85
Chloroethane	ND	ug/L	170
Chloroform	ND	ug/L	85
Chloromethane	ND	ug/L	170
Chloroprene	ND	ug/L	85
Dibromochloromethane	ND	ug/L	85
1,2-Dibromo-3-chloro-propane (DBCP)	ND	ug/L	170
1,2-Dibromoethane (EDB)	ND	ug/L	170
Dibromomethane	ND	ug/L	85
trans-1,4-Dichloro-2-butene	ND	ug/L	85
Dichlorodifluoromethane	ND	ug/L	340
1,1-Dichloroethane	ND	ug/L	85
1,2-Dichloroethane	ND	ug/L	85
1,1-Dichloroethene	ND	ug/L	85
1,2-Dichloroethene (total)	ND	ug/L	85
1,2-Dichloropropane	ND	ug/L	85
cis-1,3-Dichloropropene	ND	ug/L	85
trans-1,3-Dichloropropene	ND	ug/L	85
1,4-Dioxane	ND	ug/L	8500
Ethylbenzene	ND	ug/L	85
Ethyl methacrylate	ND	ug/L	340
Iodomethane	ND	ug/L	85
Isobutanol	ND	ug/L	3400
2-Hexanone	ND	ug/L	170
Methacrylonitrile	ND	ug/L	85
Methylene chloride	ND	ug/L	85

(continued on following page)

ND = Not detected
NA = Not applicable

Reported By: Keith Beauvais Approved By: Jeff Lowry

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-9
Lab ID: 014289-0006-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 Prepared: 03 APR 91 Analyzed: 11 APR 91

Parameter	Result	Units	Reporting Limit
Methyl methacrylate	ND	ug/L	340
4-Methyl-2-pentanone (MIBK)	ND	ug/L	170
Propionitrile	ND	ug/L	85
Styrene	ND	ug/L	85
1,1,1,2-Tetrachloroethane	ND	ug/L	85
1,1,2,2-Tetrachloroethane	ND	ug/L	85
Tetrachloroethene	ND	ug/L	85
Toluene	ND	ug/L	85
1,1,1-Trichloroethane	490	ug/L	85
1,1,2-Trichloroethane	ND	ug/L	85
Trichloroethene	1600	ug/L	85
Trichlorofluoromethane	ND	ug/L	85
1,2,3-Trichloropropane	ND	ug/L	85
Vinyl acetate	ND	ug/L	170
Vinyl chloride	ND	ug/L	170
Xylenes (total)	ND	ug/L	85

Surrogate	Recovery	
Toluene-d8	102	%
4-Bromofluorobenzene	99	%
1,2-Dichloroethane-d4	97	%

ND = Not detected
NA = Not applicable

Reported By: Keith Beauvais Approved By: Jeff Lowry

Enseco
A Corning Company

Metals

Total Metals

Client Name: Sparton Technology Inc.
Client ID: MW-9
Lab ID: 014289-0006-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 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	02 APR 91
Chromium III	ND	mg/L	0.010	7196/6010	NA	15 APR 91
Boron	1.9	mg/L	0.10	6010	10 APR 91	14 APR 91
Manganese	0.16	mg/L	0.010	6010	10 APR 91	14 APR 91
Nickel	ND	mg/L	0.040	6010	10 APR 91	14 APR 91
Sodium	83.4	mg/L	5.0	6010	10 APR 91	14 APR 91

ND = Not detected
NA = Not applicable

Reported By: Debra Hosford Approved By: Sandra Jones

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-9
Lab ID: 014289-0006-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chloride	48.2	mg/L	3.0	300.0	NA	04 APR 91
Nitrate as N	ND	mg/L	0.10	353.2	NA	18 APR 91
pH	7.6	units	--	9040	NA	02 APR 91
Sulfate	235	mg/L	5.0	300.0	NA	04 APR 91
Specific Conductance at 25 deg.C	929	umhos/cm	1.0	120.1	NA	02 APR 91
Total Kjeldahl Nitrogen as N	0.93	mg/L	0.50	351.2	NA	09 APR 91
Total Organic Carbon	1.7	mg/L	0.50	9060	NA	09 APR 91
Total Organic Halogen as Cl	1550	ug/L	300	9020	NA	10 APR 91

ND = Not detected
NA = Not applicable

Reported By: Dan Appelhans Approved By: Toni Stovall

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-09 Groundwater
Lab ID: 015716-0003-SA
Matrix: AQUEOUS Sampled: 08 JUL 91 Received: 09 JUL 91
Authorized: 09 JUL 91 Prepared: 09 JUL 91 Analyzed: 11 JUL 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	99	ug/L	50
Trichloroethene	1300	ug/L	50

Surrogate	Recovery	
Toluene-d8	102	%
4-Bromofluorobenzene	87	%
1,2-Dichloroethane-d4	78	%

ND = Not detected
NA = Not applicable

Reported By: Steven Francis Approved By: Mark Dymerski

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-09 Groundwater
Lab ID: 015716-0003-SA
Matrix: AQUEOUS Sampled: 08 JUL 91 Received: 09 JUL 91
Authorized: 09 JUL 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.7	units	--	9040	NA	09 JUL 91
Specific Conductance at 25 deg.C	1000	umhos/cm	1.0	120.1	NA	09 JUL 91
Total Organic Carbon	1.6	mg/L	0.50	9060	NA	10 JUL 91
Total Organic Halogen as Cl	879	ug/L	300	9020	NA	11 JUL 91

ND = Not detected
NA = Not applicable

Reported By: Dan Appelhans Approved By: Dave Roberts

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-9
Lab ID: 017660-0003-SA
Matrix: AQUEOUS Sampled: 07 OCT 91 Received: 08 OCT 91
Authorized: 08 OCT 91 Prepared: 09 OCT 91 Analyzed: 21 OCT 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	79	ug/L	50
Trichloroethene	1000	ug/L	50

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

ND = Not detected
NA = Not applicable

Reported By: Stephanie Boehnke Approved By: Mark Dymerski

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-9
Lab ID: 017660-0003-SA
Matrix: AQUEOUS Sampled: 07 OCT 91 Received: 08 OCT 91
Authorized: 08 OCT 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.8	units	--	9040	NA	08 OCT 91
Specific Conductance at 25 deg.C	950	umhos/cm	1.0	120.1	NA	08 OCT 91
Total Organic Carbon	1.6	mg/L	0.50	9060	NA	13 OCT 91
Total Organic Halogen as Cl	1190	ug/L	300	9020	NA	17 OCT 91

ND = Not detected
NA = Not applicable

Reported By: Dan Appelhans Approved By: Dan Appelhans

MONITORING WELL IDENTIFICATION REPORT

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

FACILITY NAME: Sparton Technology, Inc.

EPA I.D. NUMBER: NMD083212332

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: 4910.24

ELEV BOTTOM OF WELL CASING: 4969.74*

ELEV BOTTOM OF SCREENED INT: 4969.74*

ELEV OF TOP OF SCREENED INT: 4979.24

SURVEYED ELEV OF CASING TOP: 5041.90

DATE OF REPORT: 3/10/92

SIGNATURE: Gary L. Richardson

NAME (TYPED): Gary L. Richardson

b:wellid/bas

* Plugged back to this depth on 1/14/88.
** Scaled from USGS 15' quad.

1st qtr '91

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.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-14 SAMPLE COLLECTION BY V. Samala

WELL DEPTH 72.20 LABORATORY NAME ENSECO

DATE SAMPLED 1-8-91 LABORATORY SAMPLE I.D. # 013035-0008-SA

TIME SAMPLED 1115 DATE RECIEVED BY LAB. 1-9-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4974.49	1-9-91
Well Casing Volume	-----	gal.	0.67	
Pump Rate	-----	gal/min	0.14	
Pump Period	72004	min.	14	
Volume Evacuated	73675	gal.	2.00	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003196

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	10.6	—	1-9-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	830	1.0	1-9-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	712	150	1-15-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.7	0.50	1-16-91	
	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	_____	_____	_____	_____
Iron	01045	ug/l	_____	_____	_____	_____
Manganese	71883	ug/l	_____	_____	_____	_____
Phenols	32730	ug/l	_____	_____	_____	_____
Sodium	00929	mg/l	_____	_____	_____	_____
Sulfate	00945	mg/l	_____	_____	_____	_____
Turbidity		NTU	_____	_____	_____	_____

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003198

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	100		1-11-91	8240
Trichloroethene		ug/L	1700	100		1-11-91	8240

003199

2nd qtr '91

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.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-14 SAMPLE COLLECTION BY V. Samala

WELL DEPTH 72.20 LABORATORY NAME ENSECO

DATE SAMPLED 4-1-91 LABORATORY SAMPLE I.D. # 014289-0004-SA

TIME SAMPLED 1155 DATE RECIEVED BY LAB. 4-2-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4973.65	4-4-91
Well Casing Volume	-----	gal.	0.59	
Pump Rate	-----	gal/min	0.023	
Pump Period	72004	min.	76	
Volume Evacuated	73675	gal.	1.76	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003200

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	11.1	-	4-2-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	863	1.0	4-2-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	1210	300	4-10-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.7	0.50	4-9-91	
	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	52.2	3.0	4-4-9	300.0
Iron	01045	ug/l				
Manganese	71883	ug/l	ND	0.010	4-14-91	6010
Phenols	32730	ug/l				
Sodium	00929	mg/l	57.3	5.0	4-14-91	6010
Sulfate	00945	mg/l	165	5.0	4-4-91	300.0
Turbidity		NTU				

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003202

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
Trichloroethene		ug/L	1400	85		4-10-91	8240
1,1-Dichloroethene		ug/L	ND	85		4-10-91	8240

003203

3rd qtr '91

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.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER	MW-14	SAMPLE COLLECTION BY	J. Wakefield
WELL DEPTH	72.22'	LABORATORY NAME	ENSECO
DATE SAMPLED	7-2-91	LABORATORY SAMPLE I.D. #	015664-0004-SA
TIME SAMPLED	1310	DATE RECIEVED BY LAB.	7-3-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4974.90	7-10-91
Well Casing Volume	-----	gal.	0.81	
Pump Rate	-----	gal/min	0.269	
Pump Period	72004	min.	9	
Volume Evacuated	73675	gal.	2.42	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003204

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	10.2	–	7-3-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	795	1.0	7-3-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	949	150	7-10-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.8	0.50	7-5-91	
	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	_____	_____	_____	_____
Iron	01045	ug/l	_____	_____	_____	_____
Manganese	71883	ug/l	_____	_____	_____	_____
Phenols	32730	ug/l	_____	_____	_____	_____
Sodium	00929	mg/l	_____	_____	_____	_____
Sulfate	00945	mg/l	_____	_____	_____	_____
Turbidity		NTU	_____	_____	_____	_____

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H Metzner

003206

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	54	50		7-11-91	8240
Trichloroethene		ug/L	1400	50		7-11-91	8240

003207

4 th qtr '91

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.

EPA I.D. NUMBER NMD083212332

WELL NUMBER	MW-14	SAMPLE COLLECTION BY	J. Wakefield
WELL DEPTH	72.22'	LABORATORY NAME	ENSECO
DATE SAMPLED	10-7-91	LABORATORY SAMPLE I.D. #	017660-0004-SA
TIME SAMPLED	1239	DATE RECIEVED BY LAB.	10-8-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4974.90	10-3-91
Well Casing Volume	-----	gal.	0.79	
Pump Rate	-----	gal/min	0.216	
Pump Period	72004	min.	11	
Volume Evacuated	73675	gal.	2.38	
Well Sampling Method	84077	---	BLDRP	N/A
Sampler Material		---	TEFLN	

Well Sampling Method: BLDRP

003208

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	10.1	—	10-8-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	751	1.0	10-8-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	862	300	10-17-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.7	0.50	10-13-91	
	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	_____	_____	_____	_____
Iron	01045	ug/l	_____	_____	_____	_____
Manganese	71883	ug/l	_____	_____	_____	_____
Phenols	32730	ug/l	_____	_____	_____	_____
Sodium	00929	mg/l	_____	_____	_____	_____
Sulfate	00945	mg/l	_____	_____	_____	_____
Turbidity		NTU	_____	_____	_____	_____

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003210

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	56	25		10-20-91	8240
Trichloroethene		ug/L	1100	25		10-20-91	8240

003211

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)]

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

FACILITY NAME Sparton Technology, Inc.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-14

		SAMPLE DATES			
		1-8-91	4-1-91	7-2-91	10-7-91
PARAMETERS	UNITS	VALUE			
Elev. of G.Water	ft.	4974.49	4973.65	4974.90	4974.90
pH (Avg)	S.U.	10.6	11.1	10.2	10.1
Spec Cond (Avg)	umhos/cm	830	863	795	751
T.O.X. (Avg)	ug/l	712	1210	949	862
T.O.C. (Avg)	mg/l	1.7	1.7	1.8	1.7
Chloride	mg/l	–	52.2	–	–
Iron	ug/l				
Manganese	ug/l	–	ND	–	–
Phenols	ug/l				
Sodium	mg/l	–	57.3	–	–
Sulfate	mg/l	–	165	–	–
Turbidity	NTU				

003212

APPENDIX IX PARAMETERS

PARAMETERS	UNITS	SAMPLE DATES 1-8-91	4-1-91	7-2-91	
		VALUE			
1,1-Dichloroethene	ug/L	ND	ND	54	56
Trichloroethene	ug/L	1700	1400	1400	1100

DATE OF REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (TYPED): Peter H. Metzner

b:asses.1/bas

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: GROUNDWATER FROM MW-14
Lab ID: 013035-0008-SA
Matrix: AQUEOUS Sampled: 08 JAN 91 Received: 09 JAN 91
Authorized: 08 JAN 91 Prepared: 11 JAN 91 Analyzed: 11 JAN 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	ND	ug/L	100
Trichloroethene	1700	ug/L	100
Surrogate	**Recovery**		
Toluene-d8	103	%	--
4-Bromofluorobenzene	98	%	--
1,2-Dichloroethane-d4	97	%	--

ND = Not detected
NA = Not applicable

Reported By: Stephanie Boehnke Approved By: Jeff Lowry

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: GROUNDWATER FROM MW-14
Lab ID: 013035-0008-SA
Matrix: AQUEOUS Sampled: 08 JAN 91 Received: 09 JAN 91
Authorized: 08 JAN 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	10.6	units	--	9040	NA	09 JAN 91
Specific Conductance at 25 deg.C	830	umhos/cm	1.0	120.1	NA	09 JAN 91
Total Organic Carbon	1.7	mg/L	0.50	9060	NA	16 JAN 91
Total Organic Halogen as Cl	712	ug/L	150	9020	NA	15 JAN 91

ND = Not detected
NA = Not applicable

Reported By: Steve Pope Approved By: Roxanne Sullivan

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-14
Lab ID: 014289-0004-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 Prepared: 03 APR 91 Analyzed: 10 APR 91

Parameter	Result	Units	Reporting Limit
Acetone	ND	ug/L	170
Acetonitrile	ND	ug/L	3400
Acrolein	ND	ug/L	1700
Acrylonitrile	ND	ug/L	1700
Allyl chloride	ND	ug/L	170
Benzene	ND	ug/L	85
Bromodichloromethane	ND	ug/L	85
Bromoform	ND	ug/L	85
Bromomethane	ND	ug/L	170
2-Butanone (MEK)	ND	ug/L	170
Carbon disulfide	ND	ug/L	85
Carbon tetrachloride	ND	ug/L	85
Chlorobenzene	ND	ug/L	85
Chloroethane	ND	ug/L	170
Chloroform	ND	ug/L	85
Chloromethane	ND	ug/L	170
Chloroprene	ND	ug/L	85
Dibromochloromethane	ND	ug/L	85
1,2-Dibromo-3-chloro-propane (DBCP)	ND	ug/L	170
1,2-Dibromoethane (EDB)	ND	ug/L	170
Dibromomethane	ND	ug/L	85
trans-1,4-Dichloro-2-butene	ND	ug/L	85
Dichlorodifluoromethane	ND	ug/L	340
1,1-Dichloroethane	ND	ug/L	85
1,2-Dichloroethane	ND	ug/L	85
1,1-Dichloroethene	ND	ug/L	85
1,2-Dichloroethene (total)	ND	ug/L	85
1,2-Dichloropropane	ND	ug/L	85
cis-1,3-Dichloropropene	ND	ug/L	85
trans-1,3-Dichloropropene	ND	ug/L	85
1,4-Dioxane	ND	ug/L	8500
Ethylbenzene	ND	ug/L	85
Ethyl methacrylate	ND	ug/L	340
Iodomethane	ND	ug/L	85
Isobutanol	ND	ug/L	3400
2-Hexanone	ND	ug/L	170
Methacrylonitrile	ND	ug/L	85
Methylene chloride	ND	ug/L	85

(continued on following page)

ND = Not detected
NA = Not applicable

Reported By: Shawn Kassner Approved By: Jeff Lowry

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-14
Lab ID: 014289-0004-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 Prepared: 03 APR 91 Analyzed: 10 APR 91

Parameter	Result	Units	Reporting Limit
Methyl methacrylate	ND	ug/L	340
4-Methyl-2-pentanone (MIBK)	ND	ug/L	170
Propionitrile	ND	ug/L	85
Styrene	ND	ug/L	85
1,1,1,2-Tetrachloroethane	ND	ug/L	85
1,1,2,2-Tetrachloroethane	ND	ug/L	85
Tetrachloroethene	ND	ug/L	85
Toluene	ND	ug/L	85
1,1,1-Trichloroethane	ND	ug/L	85
1,1,2-Trichloroethane	ND	ug/L	85
Trichloroethene	1400	ug/L	85
Trichlorofluoromethane	ND	ug/L	85
1,2,3-Trichloropropane	ND	ug/L	85
Vinyl acetate	ND	ug/L	170
Vinyl chloride	ND	ug/L	170
Xylenes (total)	ND	ug/L	85

Surrogate	Recovery	
Toluene-d8	103	%
4-Bromofluorobenzene	101	%
1,2-Dichloroethane-d4	98	%

ND = Not detected
NA = Not applicable

Reported By: Shawn Kassner Approved By: Jeff Lowry

Enseco
A Corning Company

Metals

Total Metals

Client Name: Sparton Technology Inc.
Client ID: MW-14
Lab ID: 014289-0004-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chromium III	0.035	mg/L	0.010	7196/6010	NA	15 APR 91
Chromium (VI)	0.78	mg/L	0.25	7196	NA	02 APR 91
Boron	0.86	mg/L	0.10	6010	10 APR 91	14 APR 91
Manganese	ND	mg/L	0.010	6010	10 APR 91	14 APR 91
Nickel	ND	mg/L	0.040	6010	10 APR 91	14 APR 91
Sodium	57.3	mg/L	5.0	6010	10 APR 91	14 APR 91

ND = Not detected
NA = Not applicable

Reported By: Debra Hosford Approved By: Sandra Jones

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-14
Lab ID: 014289-0004-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chloride	52.2	mg/L	3.0	300.0	NA	04 APR 91
Nitrate as N	15.1	mg/L	1.0	353.2	NA	18 APR 91
pH	11.1	units	--	9040	NA	02 APR 91
Sulfate	165	mg/L	5.0	300.0	NA	04 APR 91
Specific Conductance at 25 deg.C	863	umhos/cm	1.0	120.1	NA	02 APR 91
Total Kjeldahl Nitrogen as N	ND	mg/L	0.50	351.2	NA	09 APR 91
Total Organic Carbon	1.7	mg/L	0.50	9060	NA	09 APR 91
Total Organic Halogen as Cl	1210	ug/L	300	9020	NA	10 APR 91

ND = Not detected
NA = Not applicable

Reported By: Dan Appelhans Approved By: Toni Stovall

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-14 Groundwater
Lab ID: 015664-0004-SA
Matrix: AQUEOUS Sampled: 02 JUL 91 Received: 03 JUL 91
Authorized: 03 JUL 91 Prepared: 05 JUL 91 Analyzed: 11 JUL 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	54	ug/L	50
Trichloroethene	1400	ug/L	50

Surrogate	Recovery	
Toluene-d8	104	%
4-Bromofluorobenzene	97	%
1,2-Dichloroethane-d4	94	%

ND = Not detected
NA = Not applicable

Reported By: Michael Blades Approved By: Mark Dymerski

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-14 Groundwater
Lab ID: 015664-0004-SA
Matrix: AQUEOUS Sampled: 02 JUL 91 Received: 03 JUL 91
Authorized: 03 JUL 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	10.2	units	--	9040	NA	03 JUL 91
Specific Conductance at 25 deg.C	795	umhos/cm	1.0	120.1	NA	03 JUL 91
Total Organic Carbon	1.8	mg/L	0.50	9060	NA	05 JUL 91
Total Organic Halogen as Cl	949	ug/L	150	9020	NA	10 JUL 91

ND = Not detected
NA = Not applicable

Reported By: Dan Appelhans Approved By: Toni Stovall

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-14
Lab ID: 017660-0004-SA
Matrix: AQUEOUS Sampled: 07 OCT 91 Received: 08 OCT 91
Authorized: 08 OCT 91 Prepared: 09 OCT 91 Analyzed: 20 OCT 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	56	ug/L	25
Trichloroethene	1100	ug/L	25

Surrogate	Recovery	
Toluene-d8	105	%
4-Bromofluorobenzene	97	%
1,2-Dichloroethane-d4	102	%

ND = Not detected
NA = Not applicable

Reported By: Cesar Rojas Approved By: Mark Dymerski

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-14
Lab ID: 017660-0004-SA
Matrix: AQUEOUS Sampled: 07 OCT 91 Received: 08 OCT 91
Authorized: 08 OCT 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	10.1	units	--	9040	NA	08 OCT 91
Specific Conductance at 25 deg.C	751	umhos/cm	1.0	120.1	NA	08 OCT 91
Total Organic Carbon	1.7	mg/L	0.50	9060	NA	13 OCT 91
Total Organic Halogen as Cl	862	ug/L	300	9020	NA	17 OCT 91

ND = Not detected
NA = Not applicable

Reported By: Dan Appelhans Approved By: Dan Appelhans

MONITORING WELL IDENTIFICATION REPORT

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

FACILITY NAME: Sparton Technology, Inc.

EPA I.D. NUMBER: NMD083212332

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: 4905.71

ELEV BOTTOM OF WELL CASING: 4971.71*

ELEV BOTTOM OF SCREENED INT: 4971.71*

ELEV OF TOP OF SCREENED INT: 4985.71

SURVEYED ELEV OF CASING TOP: 5047.17

DATE OF REPORT: 3/10/92

SIGNATURE: Gary L. Richardson

NAME (TYPED): Gary L. Richardson

b:wellid/bas

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

1st qtr '91

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.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-15 SAMPLE COLLECTION BY V. Samala

WELL DEPTH 75.80 LABORATORY NAME ENSECO

DATE SAMPLED 1-8-91 LABORATORY SAMPLE I.D. # 013035-0009-SA

TIME SAMPLED 1130 DATE RECIEVED BY LAB. 1-9-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4977.18	1-9-91
Well Casing Volume	-----	gal.	0.43	
Pump Rate	-----	gal/min	0.018	
Pump Period	72004	min.	70	
Volume Evacuated	73675	gal.	1.28	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003225

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	8.3	–	1-9-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	863	1.0	1-9-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	108	30.0	1-12-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.1	0.50	1-16-91	
	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	_____	_____	_____	_____
Iron	01045	ug/l	_____	_____	_____	_____
Manganese	71883	ug/l	_____	_____	_____	_____
Phenols	32730	ug/l	_____	_____	_____	_____
Sodium	00929	mg/l	_____	_____	_____	_____
Sulfate	00945	mg/l	_____	_____	_____	_____
Turbidity		NTU	_____	_____	_____	_____

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003227

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	6.4	5.0		1-11-91	8240
Trichloroethene		ug/L	110	5.0		1-11-91	8240

003228

2nd qtr '91

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.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-15 SAMPLE COLLECTION BY V. Samala

WELL DEPTH 75.80 LABORATORY NAME ENSECO

DATE SAMPLED 4-1-91 LABORATORY SAMPLE I.D. # 014289-0005-SA

TIME SAMPLED 1235 DATE RECIEVED BY LAB. 4-2-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4975.93	4-4-91
Well Casing Volume	-----	gal.	0.25	
Pump Rate	-----	gal/min	0.0075	
Pump Period	72004	min.	100	
Volume Evacuated	73675	gal.	0.75	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003229

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.8	-	4-2-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	642	1.0	4-2-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	93.1	30.0	4-10-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	0.94	0.50	4-9-91	
	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	28.0	3.0	4-4-91	300.0
Iron	01045	ug/l				
Manganese	71883	mg/l	0.14	0.010	4-14-91	6010
Phenols	32730	ug/l				
Sodium	00929	mg/l	49.7	5.0	4-14-91	6010
Sulfate	00945	mg/l	106	5.0	4-4-91	300.0
Turbidity		NTU				

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003231

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		4-10-91	8240
Trichloroethene		ug/L	ND	5.0		4-10-91	8240

003232

3rd qtr '91

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.

EPA I.D. NUMBER NMD083212332

WELL NUMBER	MW-15	SAMPLE COLLECTION BY	R. Baldonado
WELL DEPTH	75.80	LABORATORY NAME	ENSECO
DATE SAMPLED	7-2-91	LABORATORY SAMPLE I.D. #	015664-0005-SA
TIME SAMPLED	1420	DATE RECIEVED BY LAB.	7-3-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4977.18	7-10-91
Well Casing Volume	-----	gal.	0.45	
Pump Rate	-----	gal/min	0.026	
Pump Period	72004	min.	53	
Volume Evacuated	73675	gal.	1.36	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003233

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.8	—	7-3-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	743	1.0	7-3-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	92.6	30.0	7-10-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.0	0.50	7-5-91	
	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	_____	_____	_____	_____
Iron	01045	ug/l	_____	_____	_____	_____
Manganese	71883	ug/l	_____	_____	_____	_____
Phenols	32730	ug/l	_____	_____	_____	_____
Sodium	00929	mg/l	_____	_____	_____	_____
Sulfate	00945	mg/l	_____	_____	_____	_____
Turbidity		NTU	_____	_____	_____	_____

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003235

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		7-8-91	8240
Trichloroethene		ug/L	110	5.0		7-8-91	8240

003236

4th qtr '91

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.

EPA I.D. NUMBER NMD083212332

WELL NUMBER	MW-15	SAMPLE COLLECTION BY	J. Wakefield
WELL DEPTH	75.80	LABORATORY NAME	ENSECO
DATE SAMPLED	10-8-91	LABORATORY SAMPLE I.D. #	017713-0001-SA
TIME SAMPLED	0906	DATE RECIEVED BY LAB.	10-9-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4977.43	10-3-91
Well Casing Volume	-----	gal.	0.49	
Pump Rate	-----	gal/min	0.082	
Pump Period	72004	min.	18	
Volume Evacuated	73675	gal.	1.48	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003237

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.6	–	10-9-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	937	1.0	10-9-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	101	30.0	10-18-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.2	0.50	10-13-91	
	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	_____	_____	_____	_____
Iron	01045	ug/l	_____	_____	_____	_____
Manganese	71883	ug/l	_____	_____	_____	_____
Phenols	32730	ug/l	_____	_____	_____	_____
Sodium	00929	mg/l	_____	_____	_____	_____
Sulfate	00945	mg/l	_____	_____	_____	_____
Turbidity		NTU	_____	_____	_____	_____

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003239

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	5.0	5.0		10-21-91	8240
Trichloroethene		ug/L	80	5.0		10-21-91	8240

003240

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)]

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

FACILITY NAME Sparton Technology, Inc.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER NW-15

		SAMPLE DATES			
		1-8-91	4-1-91	7-2-91	10-8-91
PARAMETERS	UNITS	VALUE			
Elev. of G.Water	ft.	4977.18	4975.93	4977.18	4977.43
pH (Avg)	S.U.	8.3	7.8	7.8	7.6
Spec Cond (Avg)	umhos/cm	863	642	743	937
T.O.X. (Avg)	ug/l	108	93.1	92.6	101
T.O.C. (Avg)	mg/l	1.1	0.94	1.0	1.2
Chloride	mg/l	–	28.0	–	–
Iron	ug/l				
Manganese	ug/l	–	0.14	–	–
Phenols	ug/l				
Sodium	mg/l	–	49.7	–	–
Sulfate	mg/l	–	106	–	–
Turbidity	NTU				

003241

APPENDIX IX PARAMETERS

PARAMETERS	UNITS	SAMPLE DATES 1-8-91	4-1-91	7-2-91	10-8-91
		VALUE			
1,1-Dichloroethene	ug/L	6.4	ND	ND	5.0
Trichloroethene	ug/L	110	ND	110	80

DATE OF REPORT: 3-10-91

SIGNATURE: Peter H. Metzner

NAME (TYPED): Peter H. Metzner

b:asses.1/bas

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: GROUNDWATER FROM MW-15
Lab ID: 013035-0009-SA
Matrix: AQUEOUS Sampled: 08 JAN 91 Received: 09 JAN 91
Authorized: 08 JAN 91 Prepared: 11 JAN 91 Analyzed: 11 JAN 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	6.4	ug/L	5.0
Trichloroethene	110	ug/L	5.0
Surrogate	**Recovery**		
Toluene-d8	99	%	--
4-Bromofluorobenzene	97	%	--
1,2-Dichloroethane-d4	96	%	--

ND = Not detected
NA = Not applicable

Reported By: Stephanie Boehnke Approved By: Martha Goode

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: GROUNDWATER FROM MW-15
Lab ID: 013035-0009-SA
Matrix: AQUEOUS Sampled: 08 JAN 91 Received: 09 JAN 91
Authorized: 08 JAN 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	8.3	units	--	9040	NA	09 JAN 91
Specific Conductance at 25 deg.C	863	umhos/cm	1.0	120.1	NA	09 JAN 91
Total Organic Carbon	1.1	mg/L	0.50	9060	NA	16 JAN 91
Total Organic Halogen as Cl	108	ug/L	30.0	9020	NA	12 JAN 91

ND = Not detected
NA = Not applicable

Reported By: Steve Pope Approved By: Roxanne Sullivan

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-15
Lab ID: 014289-0005-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 Prepared: 03 APR 91 Analyzed: 10 APR 91

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: Shawn Kassner Approved By: Jeff Lowry

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-15
Lab ID: 014289-0005-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 Prepared: 03 APR 91 Analyzed: 10 APR 91

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	105	%
4-Bromofluorobenzene	105	%
1,2-Dichloroethane-d4	96	%

ND = Not detected
NA = Not applicable

Reported By: Shawn Kassner Approved By: Jeff Lowry

Enseco
A Corning Company

Metals

Total Metals

Client Name: Sparton Technology Inc.
Client ID: MW-15
Lab ID: 014289-0005-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 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	15 APR 91
Chromium (VI)	ND	mg/L	0.010	7196	NA	02 APR 91
Boron	0.12	mg/L	0.10	6010	10 APR 91	14 APR 91
Manganese	0.14	mg/L	0.010	6010	10 APR 91	14 APR 91
Nickel	ND	mg/L	0.040	6010	10 APR 91	14 APR 91
Sodium	49.7	mg/L	5.0	6010	10 APR 91	14 APR 91

ND = Not detected
NA = Not applicable

Reported By: Debra Hosford Approved By: Sandra Jones

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-15
Lab ID: 014289-0005-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chloride	28.0	mg/L	3.0	300.0	NA	04 APR 91
Nitrate as N	4.1	mg/L	0.20	353.2	NA	18 APR 91
pH	7.8	units	--	9040	NA	02 APR 91
Sulfate	106	mg/L	5.0	300.0	NA	04 APR 91
Specific Conductance at 25 deg.C	642	umhos/cm	1.0	120.1	NA	02 APR 91
Total Kjeldahl Nitrogen as N	ND	mg/L	0.50	351.2	NA	09 APR 91
Total Organic Carbon	0.94	mg/L	0.50	9060	NA	09 APR 91
Total Organic Halogen as Cl	93.1	ug/L	30.0	9020	NA	10 APR 91

ND = Not detected
NA = Not applicable

Reported By: Dan Appelhans Approved By: Toni Stovall

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-15 Groundwater
Lab ID: 015664-0005-SA
Matrix: AQUEOUS Sampled: 02 JUL 91 Received: 03 JUL 91
Authorized: 03 JUL 91 Prepared: 05 JUL 91 Analyzed: 08 JUL 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	ND	ug/L	5.0
Trichloroethene	110	ug/L	5.0

Surrogate	Recovery	
Toluene-d8	105	%
4-Bromofluorobenzene	108	%
1,2-Dichloroethane-d4	100	%

ND = Not detected
NA = Not applicable

Reported By: Cherie Windholz Approved By: Mark Dymerski

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-15 Groundwater
Lab ID: 015664-0005-SA
Matrix: AQUEOUS Sampled: 02 JUL 91 Received: 03 JUL 91
Authorized: 03 JUL 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.8	units	--	9040	NA	03 JUL 91
Specific Conductance at 25 deg.C	743	umhos/cm	1.0	120.1	NA	03 JUL 91
Total Organic Carbon	1.0	mg/L	0.50	9060	NA	05 JUL 91
Total Organic Halogen as Cl	92.6	ug/L	30.0	9020	NA	10 JUL 91

ND = Not detected
NA = Not applicable

Reported By: Dan Appelhans Approved By: Toni Stovall

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-15
Lab ID: 017713-0001-SA
Matrix: AQUEOUS Sampled: 08 OCT 91 Received: 09 OCT 91
Authorized: 09 OCT 91 Prepared: 11 OCT 91 Analyzed: 21 OCT 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	5.0	ug/L	5.0
Trichloroethene	80	ug/L	5.0

Surrogate	Recovery	
Toluene-d8	102	%
4-Bromofluorobenzene	95	%
1,2-Dichloroethane-d4	105	%

ND = Not detected
NA = Not applicable

Reported By: Cesar Rojas Approved By: Robert Noga

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-15
Lab ID: 017713-0001-SA
Matrix: AQUEOUS Sampled: 08 OCT 91 Received: 09 OCT 91
Authorized: 09 OCT 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.6	units	--	9040	NA	09 OCT 91
Specific Conductance at 25 deg.C	937	umhos/cm	1.0	120.1	NA	09 OCT 91
Total Organic Carbon	1.2	mg/L	0.50	9060	NA	13 OCT 91
Total Organic Halogen as Cl	101	ug/L	30.0	9020	NA	18 OCT 91

ND = Not detected
NA = Not applicable

Reported By: Jody Tolle Approved By: Dan Appelhans

MONITORING WELL IDENTIFICATION REPORT

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

FACILITY NAME: Sparton Technology, Inc.

EPA I.D. NUMBER: NMD083212332

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: 4973.23

ELEV BOTTOM OF WELL CASING: 4973.23

ELEV BOTTOM OF SCREENED INT: 4973.23

ELEV OF TOP OF SCREENED INT: 4968.23

SURVEYED ELEV OF CASING TOP: 5047.49

DATE OF REPORT: 3/10/92

SIGNATURE: Gary L. Richardson

NAME (TYPED): Gary L. Richardson

b:wellid/bas

* Scaled from USGS 15' quad.

1st qtr '91

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.

EPA I.D. NUMBER NMD083212332

WELL NUMBER	MW-16	SAMPLE COLLECTION BY	V. Samala
WELL DEPTH	74.3	LABORATORY NAME	ENSECO
DATE SAMPLED	1-8-92	LABORATORY SAMPLE I.D. #	013035-0006-SA
TIME SAMPLED	1020	DATE RECIEVED BY LAB.	1-9-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4980.83	1-9-91
Well Casing Volume	-----	gal.	0.83	
Pump Rate	-----	gal/min	0.066	
Pump Period	72004	min.	38	
Volume Evacuated	73675	gal.	2.5	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003254

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.9	–	1-9-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	1790	1.0	1-9-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	8460	300	1-12-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	4.2	0.50	1-16-91	
	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				
Iron	01045	ug/l				
Manganese	71883	ug/l				
Phenols	32730	ug/l				
Sodium	00929	mg/l				
Sulfate	00945	mg/l				
Turbidity		NTU				

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003256

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		1-11-91	8240
Trichloroethene		ug/L	16000	1000		1-11-91	8240

003257

2nd qtr '91

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.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER	MW-16	SAMPLE COLLECTION BY	V. Samala
WELL DEPTH	74.3	LABORATORY NAME	ENSECO
DATE SAMPLED	4-1-91	LABORATORY SAMPLE I.D. #	014289-0002-SA
TIME SAMPLED	1022	DATE RECIEVED BY LAB.	4-2-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4980.00	4-4-91
Well Casing Volume	-----	gal.	0.73	
Pump Rate	-----	gal/min	0.06	
Pump Period	72004	min.	34	
Volume Evacuated	73675	gal.	2.18	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003258

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.7	-	4-2-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	1250	1.0	4-2-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	14100	3000	4-10-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	3.9	0.50	4-9-91	
	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	77.9	3.0	4-4-91	300.0
Iron	01045	ug/l				
Manganese	71883	ug/l	0.028	0.010	4-14-91	6010
Phenols	32730	ug/l				
Sodium	00929	mg/l	81.4	5.0	4-14-91	6010
Sulfate	00945	mg/l	168	5.0	4-4-91	3090
Turbidity		NTU				

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003260

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	620		4-10-91	8240
Trichloroethene		ug/L	12000	620		4-10-91	8240
1,1,1-Trichloroethane		ug/L	10000	620		4-10-91	8240

003261

3rd qtr '91

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.

EPA I.D. NUMBER NMD083212332

WELL NUMBER	MW-16	SAMPLE COLLECTION BY	R. Baldonado
WELL DEPTH	74.3	LABORATORY NAME	ENSECO
DATE SAMPLED	7-2-91	LABORATORY SAMPLE I.D. #	015664-0002-SA
TIME SAMPLED	0916	DATE RECIEVED BY LAB.	4-3-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4981.17	7-10-91
Well Casing Volume	-----	gal.	0.88	
Pump Rate	-----	gal/min	0.139	
Pump Period	72004	min.	19	
Volume Evacuated	73675	gal.	2.64	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003262

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.5	-	7-3-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	1360	1.0	7-3-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	16100	3000	7-10-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	3.0	0.50	7-5-91	
	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	_____	_____	_____	_____
Iron	01045	ug/l	_____	_____	_____	_____
Manganese	71883	ug/l	_____	_____	_____	_____
Phenols	32730	ug/l	_____	_____	_____	_____
Sodium	00929	mg/l	_____	_____	_____	_____
Sulfate	00945	mg/l	_____	_____	_____	_____
Turbidity		NTU	_____	_____	_____	_____

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

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	620	500		7-8-91	8240
Trichloroethene		ug/L	16000	500		7-8-91	8240

003265

4th qtr '91

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.

EPA I.D. NUMBER NMD083212332

WELL NUMBER MW-16 SAMPLE COLLECTION BY J. Wakefield

WELL DEPTH 74.3 LABORATORY NAME ENSECO

DATE SAMPLED 10-8-91 LABORATORY SAMPLE I.D. # 017713-0003-SA

TIME SAMPLED 1050 DATE RECIEVED BY LAB. 10-9-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4981.25	10-3-91
Well Casing Volume	-----	gal.	0.93	
Pump Rate	-----	gal/min	0.175	
Pump Period	72004	min.	16	
Volume Evacuated	73675	gal.	2.80	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003266

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.5	–	10-9-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	1440	1.0	10-9-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	13700	300	10-18-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	3.1	0.50	10-13-91	
	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				
Iron	01045	ug/l				
Manganese	71883	ug/l				
Phenols	32730	ug/l				
Sodium	00929	mg/l				
Sulfate	00945	mg/l				
Turbidity		NTU				

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003268

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	650	100		10-21-91	8240
Trichloroethene		ug/L	12000	100		10-21-91	8240

003269

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)]

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

FACILITY NAME Sparton Technology, Inc.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-16

		SAMPLE DATES			
		1-8-91	4-1-91	7-2-91	10-8-91
PARAMETERS	UNITS	VALUE			
Elev. of G.Water	ft.	4980.83	4980.00	4981.17	4981.25
pH (Avg)	S.U.	7.9	7.7	7.5	7.5
Spec Cond (Avg)	umhos/cm	1790	1250	1360	1440
T.O.X. (Avg)	ug/l	8460	14100	16100	13700
T.O.C. (Avg)	mg/l	4.2	3.9	3.0	3.1
Chloride	mg/l	–	77.9	–	–
Iron	ug/l				
Manganese	ug/l	–	0.028	–	–
Phenols	ug/l				
Sodium	mg/l	–	81.4	–	–
Sulfate	mg/l	–	168	–	–
Turbidity	NTU				

003270

APPENDIX IX PARAMETERS

		SAMPLE DATES			
		1-8-91	4-1-91	7-2-91	10-8-91
PARAMETERS	UNITS	VALUE			
1,1-Dichloroethene	ug/L	ND	ND	620	650
Trichloroethene	ug/L	16000	12000	16 000	12000
1,1,1-Trichloroethane	ug/L	–	10 000	–	–

DATE OF REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (TYPED): Peter H. Metzner

b:asses.1/bas

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: GROUNDWATER FROM MW-16
Lab ID: 013035-0006-SA
Matrix: AQUEOUS Sampled: 08 JAN 91 Received: 09 JAN 91
Authorized: 08 JAN 91 Prepared: 11 JAN 91 Analyzed: 11 JAN 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	ND	ug/L	1000
Trichloroethene	16000	ug/L	1000
Surrogate	**Recovery**		
Toluene-d8	102	%	--
4-Bromofluorobenzene	96	%	--
1,2-Dichloroethane-d4	96	%	--

ND = Not detected
NA = Not applicable

Reported By: Stephanie Boehnke Approved By: Jeff Lowry

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: GROUNDWATER FROM MW-16
Lab ID: 013035-0006-SA
Matrix: AQUEOUS Sampled: 08 JAN 91 Received: 09 JAN 91
Authorized: 08 JAN 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.9	units	--	9040	NA	09 JAN 91
Specific Conductance at 25 deg.C	1790	umhos/cm	1.0	120.1	NA	09 JAN 91
Total Organic Carbon	4.2	mg/L	0.50	9060	NA	16 JAN 91
Total Organic Halogen as Cl	8460	ug/L	300	9020	NA	12 JAN 91

ND = Not detected
NA = Not applicable

Reported By: Steve Pope Approved By: Roxanne Sullivan

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-16
Lab ID: 014289-0002-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 Prepared: 03 APR 91 Analyzed: 10 APR 91

Parameter	Result	Units	Reporting Limit
Acetone	ND	ug/L	1200
Acetonitrile	ND	ug/L	25000
Acrolein	ND	ug/L	12000
Acrylonitrile	ND	ug/L	12000
Allyl chloride	ND	ug/L	1200
Benzene	ND	ug/L	620
Bromodichloromethane	ND	ug/L	620
Bromoform	ND	ug/L	620
Bromomethane	ND	ug/L	1200
2-Butanone (MEK)	ND	ug/L	1200
Carbon disulfide	ND	ug/L	620
Carbon tetrachloride	ND	ug/L	620
Chlorobenzene	ND	ug/L	620
Chloroethane	ND	ug/L	1200
Chloroform	ND	ug/L	620
Chloromethane	ND	ug/L	1200
Chloroprene	ND	ug/L	620
Dibromochloromethane	ND	ug/L	620
1,2-Dibromo-3-chloro-propane (DBCP)	ND	ug/L	1200
1,2-Dibromoethane (EDB)	ND	ug/L	1200
Dibromomethane	ND	ug/L	620
trans-1,4-Dichloro-2-butene	ND	ug/L	620
Dichlorodifluoromethane	ND	ug/L	2500
1,1-Dichloroethane	ND	ug/L	620
1,2-Dichloroethane	ND	ug/L	620
1,1-Dichloroethene	ND	ug/L	620
1,2-Dichloroethene (total)	ND	ug/L	620
1,2-Dichloropropane	ND	ug/L	620
cis-1,3-Dichloropropene	ND	ug/L	620
trans-1,3-Dichloropropene	ND	ug/L	620
1,4-Dioxane	ND	ug/L	62000
Ethylbenzene	ND	ug/L	620
Ethyl methacrylate	ND	ug/L	2500
Iodomethane	ND	ug/L	620
Isobutanol	ND	ug/L	25000
2-Hexanone	ND	ug/L	1200
Methacrylonitrile	ND	ug/L	620
Methylene chloride	ND	ug/L	620

(continued on following page)

ND = Not detected
NA = Not applicable

Reported By: Shawn Kassner Approved By: Jeff Lowry

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-16
Lab ID: 014289-0002-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 Prepared: 03 APR 91 Analyzed: 10 APR 91

Parameter	Result	Units	Reporting Limit
Methyl methacrylate	ND	ug/L	2500
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1200
Propionitrile	ND	ug/L	620
Styrene	ND	ug/L	620
1,1,1,2-Tetrachloroethane	ND	ug/L	620
1,1,2,2-Tetrachloroethane	ND	ug/L	620
Tetrachloroethene	ND	ug/L	620
Toluene	ND	ug/L	620
1,1,1-Trichloroethane	10000	ug/L	620
1,1,2-Trichloroethane	ND	ug/L	620
Trichloroethene	12000	ug/L	620
Trichlorofluoromethane	ND	ug/L	620
1,2,3-Trichloropropane	ND	ug/L	620
Vinyl acetate	ND	ug/L	1200
Vinyl chloride	ND	ug/L	1200
Xylenes (total)	ND	ug/L	620

Surrogate	Recovery	
Toluene-d8	106	%
4-Bromofluorobenzene	103	%
1,2-Dichloroethane-d4	92	%

ND = Not detected
NA = Not applicable

Reported By: Shawn Kassner Approved By: Jeff Lowry

Enseco
A Corning Company

Metals

Total Metals

Client Name: Sparton Technology Inc.
Client ID: MW-16
Lab ID: 014289-0002-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 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	15 APR 91
Chromium (VI)	0.096	mg/L	0.010	7196	NA	02 APR 91
Boron	1.6	mg/L	0.10	6010	10 APR 91	14 APR 91
Manganese	0.028	mg/L	0.010	6010	10 APR 91	14 APR 91
Nickel	ND	mg/L	0.040	6010	10 APR 91	14 APR 91
Sodium	81.4	mg/L	5.0	6010	10 APR 91	14 APR 91

ND = Not detected
NA = Not applicable

Reported By: Debra Hosford Approved By: Sandra Jones

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-16
Lab ID: 014289-0002-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chloride	77.9	mg/L	3.0	300.0	NA	04 APR 91
Nitrate as N	4.1	mg/L	0.20	353.2	NA	18 APR 91
pH	7.7	units	--	9040	NA	02 APR 91
Sulfate	168	mg/L	5.0	300.0	NA	04 APR 91
Specific Conductance at 25 deg.C	1250	umhos/cm	1.0	120.1	NA	02 APR 91
Total Kjeldahl Nitrogen as N	94.6	mg/L	25.0	351.2	NA	09 APR 91
Total Organic Carbon	3.9	mg/L	0.50	9060	NA	09 APR 91
Total Organic Halogen as Cl	14100	ug/L	3000	9020	NA	10 APR 91

ND = Not detected
NA = Not applicable

Reported By: Dan Appelhans Approved By: Toni Stovall

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-16 Groundwater
Lab ID: 015664-0002-SA
Matrix: AQUEOUS Sampled: 02 JUL 91 Received: 03 JUL 91
Authorized: 03 JUL 91 Prepared: 05 JUL 91 Analyzed: 08 JUL 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	620	ug/L	500
Trichloroethene	16000	ug/L	500

Surrogate	Recovery	
Toluene-d8	104	%
4-Bromofluorobenzene	107	%
1,2-Dichloroethane-d4	103	%

ND = Not detected
NA = Not applicable

Reported By: Cherie Windholz Approved By: Mark Dymerski

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-16 Groundwater
Lab ID: 015664-0002-SA
Matrix: AQUEOUS Sampled: 02 JUL 91 Received: 03 JUL 91
Authorized: 03 JUL 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.5	units	--	9040	NA	03 JUL 91
Specific Conductance at 25 deg.C	1360	umhos/cm	1.0	120.1	NA	03 JUL 91
Total Organic Carbon	3.0	mg/L	0.50	9060	NA	05 JUL 91
Total Organic Halogen as Cl	16100	ug/L	3000	9020	NA	10 JUL 91

ND = Not detected
NA = Not applicable

Reported By: Dan Appelhans Approved By: Toni Stovall

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-16
Lab ID: 017713-0003-SA
Matrix: AQUEOUS Sampled: 08 OCT 91 Received: 09 OCT 91
Authorized: 09 OCT 91 Prepared: 11 OCT 91 Analyzed: 21 OCT 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	650	ug/L	100
Trichloroethene	12000	ug/L	100

Surrogate	Recovery	
Toluene-d8	102	%
4-Bromofluorobenzene	92	%
1,2-Dichloroethane-d4	101	%

ND = Not detected
NA = Not applicable

Reported By: Cesar Rojas Approved By: Mark Dymerski

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-16
Lab ID: 017713-0003-SA
Matrix: AQUEOUS Sampled: 08 OCT 91 Received: 09 OCT 91
Authorized: 09 OCT 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.5	units	--	9040	NA	09 OCT 91
Specific Conductance at 25 deg.C	1440	umhos/cm	1.0	120.1	NA	09 OCT 91
Total Organic Carbon	3.1	mg/L	0.50	9060	NA	13 OCT 91
Total Organic Halogen as Cl	13700	ug/L	300	9020	NA	18 OCT 91

ND = Not detected
NA = Not applicable

Reported By: Jody Tolle Approved By: Dan Appelhans

MONITORING WELL IDENTIFICATION REPORT

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

FACILITY NAME: Sparton Technology, Inc.

EPA I.D. NUMBER: NMD083212332

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: 4933.07

ELEV BOTTOM OF WELL CASING: 4935.57

ELEV BOTTOM OF SCREENED INT: 4935.57

ELEV OF TOP OF SCREENED INT: 4945.57

SURVEYED ELEV OF CASING TOP: 5045.68

DATE OF REPORT: 3/10/92 SIGNATURE: Gary L. Richardson

NAME (TYPED): Gary L. Richardson

b:wellid/bas

* Scaled from USGS 15' quad.

1st qtr '91

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.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER	MW-19	SAMPLE COLLECTION BY	V. Samala
WELL DEPTH	110.7	LABORATORY NAME	ENSECO
DATE SAMPLED	1-7-91	LABORATORY SAMPLE I.D. #	013035-0001-SA
TIME SAMPLED	1210	DATE RECIEVED BY LAB.	1-8-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4975.23	1-9-91
Well Casing Volume	-----	gal.	26.36	
Pump Rate	-----	gal/min	0.35	
Pump Period	72004	min.	225	
Volume Evacuated	73675	gal.	79.08	
Well Sampling Method	84077	---	BLDRD	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003283

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.6	–	1-8-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	666	1.0	1-8-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	496	30.0	1-11-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.3	0.50	1-16-91	
	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				
Iron	01045	ug/l				
Manganese	71883	ug/l				
Phenols	32730	ug/l				
Sodium	00929	mg/l				
Sulfate	00945	mg/l				
Turbidity		NTU				

DATE OF THIS REPORT: 3-10-92

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003285

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	57	50		1-9-91	8240
Trichloroethene		ug/L	680	50		1-9-91	8240

003286

2nd qtr '91

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

EPA I.D. NUMBER NMD 083212332

WELL NUMBER	MW-19	SAMPLE COLLECTION BY	V. Samala
WELL DEPTH	110.7	LABORATORY NAME	ENSECO
DATE SAMPLED	4-2-91	LABORATORY SAMPLE I.D. #	014289-0007-SA
TIME SAMPLED	1300	DATE RECIEVED BY LAB.	4-2-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4974.82	4-4-91
Well Casing Volume	-----	gal.	26.03	
Pump Rate	-----	gal/min	0.235	
Pump Period	72004	min.	332	
Volume Evacuated	73675	gal.	78.10	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003287

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.7	–	4-10-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	669	1.0	4-3-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	582	150	4-10-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	0.97	0.50	4-9-91	
	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	24.9	3.0	4-4-91	300.0
Iron	01045	ug/l				
Manganese	71883	ug/l	0.026	0.010	4-14-91	6010
Phenols	32730	ug/l				
Sodium	00929	mg/l	55.6	5.0	4-14-91	6010
Sulfate	00945	mg/l	116	5.0	4-4-91	300.0
Turbidity		NTU				

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003289

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	55	50		2-11-91	8240
Trichloroethene		ug/L	690	50		2-11-91	8240
Methylene Chloride		ug/L	120	50		2-11-91	8240

003290

3rd qtr '91

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.

EPA I.D. NUMBER NMD083212332

WELL NUMBER MW-19 SAMPLE COLLECTION BY J. Wakefield

WELL DEPTH 110.7' LABORATORY NAME ENSECO

DATE SAMPLED 7-8-91 LABORATORY SAMPLE I.D. # 015716-0001-SA

TIME SAMPLED 1222 DATE RECIEVED BY LAB. 7-9-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4976.15	7-10-91
Well Casing Volume	-----	gal.	26.36	
Pump Rate	-----	gal/min	0.879	
Pump Period	72004	min.	90	
Volume Evacuated	73675	gal.	79.09	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003291

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.7	—	7-9-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	706	1.0	7-9-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	145	60.0	7-11-91	
	70354	ug/l				9060
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.2	0.50	7-10-91	
	00680	mg/l				9020
	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	_____	_____	_____	_____
Iron	01045	ug/l	_____	_____	_____	_____
Manganese	71883	ug/l	_____	_____	_____	_____
Phenols	32730	ug/l	_____	_____	_____	_____
Sodium	00929	mg/l	_____	_____	_____	_____
Sulfate	00945	mg/l	_____	_____	_____	_____
Turbidity		NTU	_____	_____	_____	_____

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003293

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	12	6.0		7-10-91	8240
Trichloroethene		ug/L	190	6.0		7-10-91	8240

003294

4th qtr '91

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.

EPA I.D. NUMBER NMD083212332

WELL NUMBER MW-19 SAMPLE COLLECTION BY J. Wakefield

WELL DEPTH 110.7' LABORATORY NAME ENSECO

DATE SAMPLED 10-7-91 LABORATORY SAMPLE I.D. # 017660-0001-SA

TIME SAMPLED 1056 DATE RECIEVED BY LAB. 10-8-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4976.07	10-3-91
Well Casing Volume	-----	gal.	0.94	
Pump Rate	-----	gal/min	0.939	
Pump Period	72004	min.	86	
Volume Evacuated	73675	gal.	80.72	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003295

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.7	–	10-8-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	678	1.0	10-8-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	129	30.0	10-17-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	0.83	0.50	10-13-91	
	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				
Iron	01045	ug/l				
Manganese	71883	ug/l				
Phenols	32730	ug/l				
Sodium	00929	mg/l				
Sulfate	00945	mg/l				
Turbidity		NTU				

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003297

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	10	5.0		10-20-91	8240
Trichloroethene		ug/L	170	5.0		10-20-91	8240

003298

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)]

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

FACILITY NAME Sparton Technology, Inc.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-19

		SAMPLE DATES			
		1-7-91	4-2-91	7-8-91	10-7-91
PARAMETERS	UNITS	VALUE			
Elev. of G.Water	ft.	4975.23	4974.82	4976.15	4976.07
pH (Avg)	S.U.	7.6	7.7	7.7	7.7
Spec Cond (Avg)	umhos/cm	666	669	706	678
T.O.X. (Avg)	ug/l	496	582	145	129
T.O.C. (Avg)	mg/l	1.3	0.97	1.2	0.83
Chloride	mg/l	–	24.9	–	–
Iron	ug/l				
Manganese	ug/l	–	0.026	–	–
Phenols	ug/l				
Sodium	mg/l	–	55.6	–	–
Sulfate	mg/l	–	116	–	–
Turbidity	NTU				

003299

APPENDIX IX PARAMETERS

PARAMETERS	UNITS	SAMPLE DATES 1-7-91	4-2-91	7-8-91	10-7-91
		VALUE			
1,1-Dichloroethene	ug/L	57	55	12	10
Trichloroethene	ug/L	680	690	190	170
Methylene Chloride	ug/L	-	120	-	-

DATE OF REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (TYPED): Peter H. Metzner

b:asses.1/bas

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: GROUNDWATER FROM MW-19
Lab ID: 013035-0001-SA
Matrix: AQUEOUS Sampled: 07 JAN 91 Received: 08 JAN 91
Authorized: 08 JAN 91 Prepared: 09 JAN 91 Analyzed: 09 JAN 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	57	ug/L	50
Trichloroethene	680	ug/L	50
Surrogate	**Recovery**		
Toluene-d8	104	%	--
4-Bromofluorobenzene	103	%	--
1,2-Dichloroethane-d4	98	%	--

ND = Not detected
NA = Not applicable

Reported By: Tim Miller Approved By: Jeff Lowry

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: GROUNDWATER FROM MW-19
Lab ID: 013035-0001-SA
Matrix: AQUEOUS Sampled: 07 JAN 91 Received: 08 JAN 91
Authorized: 08 JAN 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.6	units	--	9040	NA	08 JAN 91
Specific Conductance at 25 deg.C	666	umhos/cm	1.0	120.1	NA	08 JAN 91
Total Organic Carbon	1.3	mg/L	0.50	9060	NA	16 JAN 91
Total Organic Halogen as Cl	496	ug/L	30.0	9020	NA	11 JAN 91

ND = Not detected
NA = Not applicable

Reported By: Eileen Burke Approved By: Roxanne Sullivan

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-19
Lab ID: 014289-0007-SA
Matrix: AQUEOUS Sampled: 02 APR 91 Received: 03 APR 91
Authorized: 02 APR 91 Prepared: 04 APR 91 Analyzed: 11 APR 91

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	55	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	120	ug/L	50

(continued on following page)

ND = Not detected
NA = Not applicable

Reported By: Shawn Kassner Approved By: Jeff Lowry

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-19
Lab ID: 014289-0007-SA
Matrix: AQUEOUS Sampled: 02 APR 91 Received: 03 APR 91
Authorized: 02 APR 91 Prepared: 04 APR 91 Analyzed: 11 APR 91

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	690	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	101	%
4-Bromofluorobenzene	100	%
1,2-Dichloroethane-d4	90	%

ND = Not detected
NA = Not applicable

Reported By: Shawn Kassner Approved By: Jeff Lowry

Enseco
A Corning Company

Metals

Total Metals

Client Name: Sparton Technology Inc.
Client ID: MW-19
Lab ID: 014289-0007-SA
Matrix: AQUEOUS Sampled: 02 APR 91 Received: 03 APR 91
Authorized: 02 APR 91 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	15 APR 91
Chromium (VI)	ND	mg/L	0.010	7196	NA	03 APR 91
Boron	0.20	mg/L	0.10	6010	10 APR 91	14 APR 91
Manganese	0.026	mg/L	0.010	6010	10 APR 91	14 APR 91
Nickel	ND	mg/L	0.040	6010	10 APR 91	14 APR 91
Sodium	55.6	mg/L	5.0	6010	10 APR 91	14 APR 91

ND = Not detected
NA = Not applicable

Reported By: Debra Hosford Approved By: Sandra Jones

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-19
Lab ID: 014289-0007-SA
Matrix: AQUEOUS Sampled: 02 APR 91 Received: 03 APR 91
Authorized: 02 APR 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chloride	24.9	mg/L	3.0	300.0	NA	04 APR 91
Nitrate as N	1.8	mg/L	0.10	353.2	NA	18 APR 91
pH	7.7	units	--	9040	NA	10 APR 91
Sulfate	116	mg/L	5.0	300.0	NA	04 APR 91
Specific Conductance at 25 deg.C	669	umhos/cm	1.0	120.1	NA	03 APR 91
Total Kjeldahl Nitrogen as N	ND	mg/L	0.50	351.2	NA	09 APR 91
Total Organic Carbon	0.97	mg/L	0.50	9060	NA	09 APR 91
Total Organic Halogen as Cl	582	ug/L	150	9020	NA	10 APR 91

ND = Not detected
NA = Not applicable

Reported By: Dan Appelhans Approved By: Toni Stovall

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-19
Lab ID: 017660-0001-SA
Matrix: AQUEOUS Sampled: 07 OCT 91 Received: 08 OCT 91
Authorized: 08 OCT 91 Prepared: 09 OCT 91 Analyzed: 20 OCT 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	10	ug/L	5.0
Trichloroethene	170	ug/L	5.0

Surrogate	Recovery	
Toluene-d8	99	%
4-Bromofluorobenzene	94	%
1,2-Dichloroethane-d4	100	%

ND = Not detected
NA = Not applicable

Reported By: Cesar Rojas Approved By: Mark Dymerski

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-19
Lab ID: 017660-0001-SA
Matrix: AQUEOUS Sampled: 07 OCT 91 Received: 08 OCT 91
Authorized: 08 OCT 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.7	units	--	9040	NA	08 OCT 91
Specific Conductance at 25 deg.C	678	umhos/cm	1.0	120.1	NA	08 OCT 91
Total Organic Carbon	0.83	mg/L	0.50	9060	NA	13 OCT 91
Total Organic Halogen as Cl	129	ug/L	30.0	9020	NA	17 OCT 91

ND = Not detected
NA = Not applicable

Reported By: Dan Appelhans Approved By: Dan Appelhans

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-19 Groundwater
Lab ID: 015716-0001-SA
Matrix: AQUEOUS Sampled: 08 JUL 91 Received: 09 JUL 91
Authorized: 09 JUL 91 Prepared: 09 JUL 91 Analyzed: 10 JUL 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	12	ug/L	6.0
Trichloroethene	190	ug/L	6.0

Surrogate	Recovery	
Toluene-d8	99	%
4-Bromofluorobenzene	98	%
1,2-Dichloroethane-d4	102	%

ND = Not detected
NA = Not applicable

Reported By: Cesar Rojas Approved By: Mark Dymerski

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-19 Groundwater
Lab ID: 015716-0001-SA
Matrix: AQUEOUS Sampled: 08 JUL 91 Received: 09 JUL 91
Authorized: 09 JUL 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.7	units	--	9040	NA	09 JUL 91
Specific Conductance at 25 deg.C	706	umhos/cm	1.0	120.1	NA	09 JUL 91
Total Organic Carbon	1.2	mg/L	0.50	9060	NA	10 JUL 91
Total Organic Halogen as Cl	145	ug/L	60.0	9020	NA	11 JUL 91

ND = Not detected
NA = Not applicable

Reported By: Dan Appelhans Approved By: Dave Roberts

MONITORING WELL IDENTIFICATION REPORT

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

FACILITY NAME Sparton Technology, Inc.

EPA I.D. NUMBER NMD083212332

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 4904.91

ELEV BOTTOM OF WELL CASING 4905.21

ELEV BOTTOM OF SCREENED INT 4905.21

ELEV OF TOP OF SCREENED INT 4917.61

SURVEYED ELEV OF CASING TOP 5045.26

DATE OF REPORT 3/10/92 SIGNATURE Gary L. Richardson

NAME (TYPED) Gary L. Richardson

b:wellid/bas

* Scaled from USGS 15' quad.

1st qtr '91

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.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-20 SAMPLE COLLECTION BY V. Samala

WELL DEPTH 140.6 LABORATORY NAME ENSECO

DATE SAMPLED 1-7-92 LABORATORY SAMPLE I.D. # 013035-0003-SA

TIME SAMPLED 1345 DATE RECIEVED BY LAB. 1-8-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4975.17	1-9-91
Well Casing Volume	-----	gal.	44.75	
Pump Rate	-----	gal/min	0.30	
Pump Period	72004	min.	441	
Volume Evacuated	73675	gal.	134.26	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003312

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.8	–	1-8-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	650	1.0	1-8-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	53.4	30.0	1-11-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.2	0.50	1-16-91	
	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	_____	_____	_____	_____
Iron	01045	ug/l	_____	_____	_____	_____
Manganese	71883	ug/l	_____	_____	_____	_____
Phenols	32730	ug/l	_____	_____	_____	_____
Sodium	00929	mg/l	_____	_____	_____	_____
Sulfate	00945	mg/l	_____	_____	_____	_____
Turbidity		NTU	_____	_____	_____	_____

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003314

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		1-9-91	8240
Trichloroethene		ug/L	28	5.0		1-9-91	8240

003315

2nd qtr '91

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.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-20 SAMPLE COLLECTION BY V. Samala

WELL DEPTH 140.6 LABORATORY NAME ENSECO

DATE SAMPLED 4-2-91 LABORATORY SAMPLE I.D. # 014289-0008-SA

TIME SAMPLED 1340 DATE RECIEVED BY LAB. 4-3-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4974.33	4-4-91
Well Casing Volume	-----	gal.	44.26	
Pump Rate	-----	gal/min	0.31	
Pump Period	72004	min.	435	
Volume Evacuated	73675	gal.	132.79	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003316

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.9	–	4-10-91	
	00400	S.U.				300.1
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	605	1.0	4-3-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	ND	30.0	4-10-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.4	0.50	4-9-91	
	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	18.7	3.0	4-4-91	300.0
Iron	01045	ug/l				
Manganese	71883	ug/l	0.46	0.010	4-14-91	6010
Phenols	32730	ug/l				
Sodium	00929	mg/l	47.8	5.0	4-14-91	6010
Sulfate	00945	mg/l	91.3	5.0	4-4-91	300.0
Turbidity		NTU				

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003318

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		4-11-91	8240
Trichloroethene		ug/L	5.4	5.0		4-11-91	8240

003319

3rd qtr '91

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.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-20 SAMPLE COLLECTION BY J. Wakefield

WELL DEPTH 140.6 LABORATORY NAME ENSECO

DATE SAMPLED 7-8-91 LABORATORY SAMPLE I.D. # 015716-0001-SA

TIME SAMPLED 1254 DATE RECIEVED BY LAB. 7-9-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4975.92	7-10-91
Well Casing Volume	-----	gal.	45.30	
Pump Rate	-----	gal/min	1.02	
Pump Period	72004	min.	133	
Volume Evacuated	73675	gal.	135.89	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003320

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.7	–	7-9-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	706	1.0	7-9-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	145	60.0	7-11-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.2	0.50	7-10-91	
	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				
Iron	01045	ug/l				
Manganese	71883	ug/l				
Phenols	32730	ug/l				
Sodium	00929	mg/l				
Sulfate	00945	mg/l				
Turbidity		NTU				

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003322

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	12	6.0		7-10-91	8240
Trichloroethene		ug/L	190	6.0		7-10-91	8240

003323

4th qtr '91

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.

EPA I.D. NUMBER NMD083212332

WELL NUMBER MW-20 SAMPLE COLLECTION BY J. Wakefield

WELL DEPTH 140.6 LABORATORY NAME ENSECO

DATE SAMPLED 10-7-91 LABORATORY SAMPLE I.D. # 017660-0002-SA

TIME SAMPLED 1058 DATE RECIEVED BY LAB. 10-8-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4976.00	10-3-91
Well Casing Volume	-----	gal.	45.30	
Pump Rate	-----	gal/min	1.51	
Pump Period	72004	min.	90	
Volume Evacuated	73675	gal.	135.89	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003324

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.9	–	10-8-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	658	1.0	10-8-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	ND	30.0	10-17-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.3	0.50	10-13-91	
	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				
Iron	01045	ug/l				
Manganese	71883	ug/l				
Phenols	32730	ug/l				
Sodium	00929	mg/l				
Sulfate	00945	mg/l				
Turbidity		NTU				

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003326

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		10-20-91	8240
Trichloroethene		ug/L	16	5.0		10-20-91	8240

003327

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)]

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

FACILITY NAME Sparton Technology, Inc.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-20

		SAMPLE DATES			
		1-7-91	4-2-91	7-8-91	10-7-91
PARAMETERS	UNITS	VALUE			
Elev. of G.Water	ft.	4975.17	4974.33	4975.92	4976.00
pH (Avg)	S.U.	7.8	7.9	7.7	7.9
Spec Cond (Avg)	umhos/cm	650	605	706	658
T.O.X. (Avg)	ug/l	53.4	ND	145	ND
T.O.C. (Avg)	mg/l	1.2	1.4	1.2	1.3
Chloride	mg/l	–	18.7	–	–
Iron	ug/l				
Manganese	ug/l	–	0.46	–	–
Phenols	ug/l				
Sodium	mg/l	–	47.8	–	–
Sulfate	mg/l	–	91.3	–	–
Turbidity	NTU				

003328

APPENDIX IX PARAMETERS

PARAMETERS	UNITS	SAMPLE DATES 1-7-91	4-2-91	7-8-91	10-7-91
		VALUE			
1,1-Dichloroethene	ug/L	ND	ND	12	ND
Trichloroethene	ug/L	28	5.4	190	16

DATE OF REPORT: 3-10-91

SIGNATURE: Peter H. Metzner

NAME (TYPED): Peter H. Metzner

b:asses.1/bas

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: GROUNDWATER FROM MW-20
Lab ID: 013035-0003-SA
Matrix: AQUEOUS Sampled: 07 JAN 91 Received: 08 JAN 91
Authorized: 08 JAN 91 Prepared: 09 JAN 91 Analyzed: 09 JAN 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	ND	ug/L	5.0
Trichloroethene	28	ug/L	5.0
Surrogate	**Recovery**		
Toluene-d8	105	%	--
4-Bromofluorobenzene	96	%	--
1,2-Dichloroethane-d4	102	%	--

ND = Not detected
NA = Not applicable

Reported By: Tim Miller Approved By: Jeff Lowry

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: GROUNDWATER FROM MW-20
Lab ID: 013035-0003-SA
Matrix: AQUEOUS Sampled: 07 JAN 91 Received: 08 JAN 91
Authorized: 08 JAN 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.8	units	--	9040	NA	08 JAN 91
Specific Conductance at 25 deg.C	650	umhos/cm	1.0	120.1	NA	08 JAN 91
Total Organic Carbon	1.2	mg/L	0.50	9060	NA	16 JAN 91
Total Organic Halogen as Cl	53.4	ug/L	30.0	9020	NA	11 JAN 91

ND = Not detected
NA = Not applicable

Reported By: Eileen Burke Approved By: Roxanne Sullivan

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-20
Lab ID: 014289-0008-SA
Matrix: AQUEOUS Sampled: 02 APR 91 Received: 03 APR 91
Authorized: 02 APR 91 Prepared: 04 APR 91 Analyzed: 11 APR 91

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: Shawn Kassner Approved By: Jeff Lowry

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-20
Lab ID: 014289-0008-SA
Matrix: AQUEOUS Sampled: 02 APR 91 Received: 03 APR 91
Authorized: 02 APR 91 Prepared: 04 APR 91 Analyzed: 11 APR 91

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	5.4	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	106	%
4-Bromofluorobenzene	100	%
1,2-Dichloroethane-d4	90	%

ND = Not detected
NA = Not applicable

Reported By: Shawn Kassner Approved By: Jeff Lowry

Enseco
A Corning Company

Metals

Total Metals

Client Name: Sparton Technology Inc.
Client ID: MW-20
Lab ID: 014289-0008-SA
Matrix: AQUEOUS Sampled: 02 APR 91 Received: 03 APR 91
Authorized: 02 APR 91 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	15 APR 91
Chromium (VI)	ND	mg/L	0.010	7196	NA	03 APR 91
Boron	0.16	mg/L	0.10	6010	10 APR 91	14 APR 91
Manganese	0.46	mg/L	0.010	6010	10 APR 91	14 APR 91
Nickel	ND	mg/L	0.040	6010	10 APR 91	14 APR 91
Sodium	47.8	mg/L	5.0	6010	10 APR 91	14 APR 91

ND = Not detected
NA = Not applicable

Reported By: Debra Hosford Approved By: Sandra Jones

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-20
Lab ID: 014289-0008-SA
Matrix: AQUEOUS Sampled: 02 APR 91 Received: 03 APR 91
Authorized: 02 APR 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chloride	18.7	mg/L	3.0	300.0	NA	04 APR 91
Nitrate as N	0.72	mg/L	0.10	353.2	NA	18 APR 91
pH	7.9	units	--	9040	NA	10 APR 91
Sulfate	91.3	mg/L	5.0	300.0	NA	04 APR 91
Specific Conductance at 25 deg.C	605	umhos/cm	1.0	120.1	NA	03 APR 91
Total Kjeldahl Nitrogen as N	ND	mg/L	0.50	351.2	NA	09 APR 91
Total Organic Carbon	1.4	mg/L	0.50	9060	NA	09 APR 91
Total Organic Halogen as Cl	ND	ug/L	30.0	9020	NA	10 APR 91

ND = Not detected
NA = Not applicable

Reported By: Dan Appelhans Approved By: Toni Stovall

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-20 Groundwater
Lab ID: 015716-0002-SA
Matrix: AQUEOUS Sampled: 08 JUL 91 Received: 09 JUL 91
Authorized: 09 JUL 91 Prepared: 09 JUL 91 Analyzed: 10 JUL 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	ND	ug/L	5.0
Trichloroethene	12	ug/L	5.0

Surrogate	Recovery	
Toluene-d8	99	%
4-Bromofluorobenzene	96	%
1,2-Dichloroethane-d4	102	%

ND = Not detected
NA = Not applicable

Reported By: Cesar Rojas Approved By: Mark Dymerski

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-20 Groundwater
Lab ID: 015716-0002-SA
Matrix: AQUEOUS Sampled: 08 JUL 91 Received: 09 JUL 91
Authorized: 09 JUL 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.9	units	--	9040	NA	09 JUL 91
Specific Conductance at 25 deg.C	621	umhos/cm	1.0	120.1	NA	09 JUL 91
Total Organic Carbon	1.6	mg/L	0.50	9060	NA	10 JUL 91
Total Organic Halogen as Cl	ND	ug/L	30.0	9020	NA	11 JUL 91

ND = Not detected
NA = Not applicable

Reported By: Dan Appelhans Approved By: Dave Roberts

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-20
Lab ID: 017660-0002-SA
Matrix: AQUEOUS Sampled: 07 OCT 91 Received: 08 OCT 91
Authorized: 08 OCT 91 Prepared: 09 OCT 91 Analyzed: 20 OCT 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	ND	ug/L	5.0
Trichloroethene	16	ug/L	5.0

Surrogate	Recovery	
Toluene-d8	102	%
4-Bromofluorobenzene	96	%
1,2-Dichloroethane-d4	102	%

ND = Not detected
NA = Not applicable

Reported By: Cesar Rojas Approved By: Mark Dymerski

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-20
Lab ID: 017660-0002-SA
Matrix: AQUEOUS Sampled: 07 OCT 91 Received: 08 OCT 91
Authorized: 08 OCT 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.9	units	--	9040	NA	08 OCT 91
Specific Conductance at 25 deg.C	658	umhos/cm	1.0	120.1	NA	08 OCT 91
Total Organic Carbon	1.3	mg/L	0.50	9060	NA	13 OCT 91
Total Organic Halogen as Cl	ND	ug/L	30.0	9020	NA	17 OCT 91

ND = Not detected
NA = Not applicable

Reported By: Dan Appelhans Approved By: Dan Appelhans

MONITORING WELL IDENTIFICATION REPORT

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

FACILITY NAME: Sparton Technology, Inc.

EPA I.D. NUMBER: NMD083212332

COUNTY: Bernalillo

WELL NUMBER: MW-21

WELL LOCATION (LONGITUDE): 106° 39' 40.2" *

WELL LOCATION (LATITUDE): 35° 11' 22.4" *

AQUIFER NAME: Rio Grande Allvial

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: 4975.31

ELEV BOTTOM OF WELL CASING: 4975.31

ELEV BOTTOM OF SCREENED INT: 4975.31

ELEV OF TOP OF SCREENED INT: 4980.31

SURVEYED ELEV OF CASING TOP: 5048.05

DATE OF REPORT: 3/10/92

SIGNATURE: Gary L. Richardson

NAME (TYPED): Gary L. Richardson

b:wellid/bas

* Scaled from USGS 15' quad.

1st qtr '91

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.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-21 SAMPLE COLLECTION BY V. Samala

WELL DEPTH 73.1 LABORATORY NAME ENSECO

DATE SAMPLED 1-8-91 LABORATORY SAMPLE I.D. # 013035-0007-SA

TIME SAMPLED 1030 DATE RECIEVED BY LAB. 1-9-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4980.67	1-9-91
Well Casing Volume	-----	gal.	0.47	
Pump Rate	-----	gal/min	0.037	
Pump Period	72004	min.	38	
Volume Evacuated	73675	gal.	1.4	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003341

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	8.2	–	1-9-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	659	1.0	1-9-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	822	30.0	1-12-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	0.70	0.50	1-16-91	
	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				
Iron	01045	ug/l				
Manganese	71883	ug/l				
Phenols	32730	ug/l				
Sodium	00929	mg/l				
Sulfate	00945	mg/l				
Turbidity		NTU				

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003343

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	76	50		1-11-91	8240
Trichloroethene		ug/L	910	50		1-11-91	8240

003344

2nd qtr '91

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.

EPA I.D. NUMBER NMD083212332

WELL NUMBER MW-21 SAMPLE COLLECTION BY V. Samala

WELL DEPTH 73.1 LABORATORY NAME ENSECO

DATE SAMPLED 4-1-91 LABORATORY SAMPLE I.D. # 014289-0003-SA

TIME SAMPLED 1115 DATE RECIEVED BY LAB. 4-2-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4980.00	4-4-91
Well Casing Volume	-----	gal.	.39	
Pump Rate	-----	gal/min	0.037	
Pump Period	72004	min.	31	
Volume Evacuated	73675	gal.	1.16	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003345

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.8	—	4-2-91	
	00400	S.U.				300.0
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	602	1.0	4-2-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	390	300	4-10-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.1	0.50	4-9-91	
	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	20.4	3.0	4-4-91	300.0
Iron	01045	ug/l				
Manganese	71883	ug/l	ND	0.010	4-14-91	6010
Phenols	32730	ug/l				
Sodium	00929	mg/l	48.2	5.0	4-14-91	6010
Sulfate	00945	mg/l	86.2	5.0	4-4-91	300.0
Turbidity		NTU				

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003347

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	29	25		4-10-91	8240
1,1,1-Trichloroethane		ug/L	400	25		4-10-91	8240
Trichloroethene		ug/L	400	25		4-10-91	8240

003348

3rd qtr '91

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.

EPA I.D. NUMBER NMD083212332

WELL NUMBER MW-21 SAMPLE COLLECTION BY R. Baldonado

WELL DEPTH 73.1 LABORATORY NAME ENSECO

DATE SAMPLED 7-2-91 LABORATORY SAMPLE I.D. # 015664-0003-SA

TIME SAMPLED 1130 DATE RECIEVED BY LAB. 7-3-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4980.50	7-10-91
Well Casing Volume	-----	gal.	0.47	
Pump Rate	-----	gal/min	0.094	
Pump Period	72004	min.	15	
Volume Evacuated	73675	gal.	1.41	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003349

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.8	—	7-3-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	675	1.0	7-3-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	507	150	7-10-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.0	0.50	7-5-91	
	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				
Iron	01045	ug/l				
Manganese	71883	ug/l				
Phenols	32730	ug/l				
Sodium	00929	mg/l				
Sulfate	00945	mg/l				
Turbidity		NTU				

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003351

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	40	25		7-10-91	8240
Trichloroethene		ug/L	440	25		7-10-91	8240

003352

4th qtr '91

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.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-21 SAMPLE COLLECTION BY J. Wakefield

WELL DEPTH 73.1' LABORATORY NAME ENSECO

DATE SAMPLED 10-8-91 LABORATORY SAMPLE I.D. # 017713-0002-SA

TIME SAMPLED 0945 DATE RECIEVED BY LAB. 10-9-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4980.83	10-3-91
Well Casing Volume	-----	gal.	0.53	
Pump Rate	-----	gal/min	0.132	
Pump Period	72004	min.	12	
Volume Evacuated	73675	gal.	1.58	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003353

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.7	—	10-9-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	718	1.0	10-9-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	1160	150	10-18-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	0.83	0.50	10-13-91	
	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				
Iron	01045	ug/l				
Manganese	71883	ug/l				
Phenols	32730	ug/l				
Sodium	00929	mg/l				
Sulfate	00945	mg/l				
Turbidity		NTU				

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003355

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	79	50		10-21-91	8240
Trichloroethene		ug/L	880	50		10-21-91	8240

003356

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)]

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

FACILITY NAME Sparton Technology, Inc.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-21

		SAMPLE DATES			
		1-8-91	4-1-91	7-2-91	10-8-91
PARAMETERS	UNITS	VALUE			
Elev. of G.Water	ft.	4980.67	4980.00	4980.50	4980.83
pH (Avg)	S.U.	8.2	7.8	7.8	7.7
Spec Cond (Avg)	umhos/cm	659	602	675	718
T.O.X. (Avg)	ug/l	822	390	507	1160
T.O.C. (Avg)	mg/l	0.70	1.1	1.0	0.83
Chloride	mg/l	–	20.4	–	–
Iron	ug/l				
Manganese	ug/l	–	ND	–	–
Phenols	ug/l				
Sodium	mg/l	–	48.2	–	–
Sulfate	mg/l	–	86.2	–	–
Turbidity	NTU				

003357

APPENDIX IX PARAMETERS

PARAMETERS	UNITS	SAMPLE DATES 1-8-91	4-10-91	7-2-91	10-8-91
		VALUE			
1,1-Dichloroethene	ug/L	76	29	40	79
Trichloroethene	ug/L	910	400	440	880
1,1,1-Trichloroethane	ug/L	–	400	–	–

DATE OF REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (TYPED): Peter H. Metzner

b:asses.1/bas

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: GROUNDWATER FROM MW-21
Lab ID: 013035-0007-SA
Matrix: AQUEOUS Sampled: 08 JAN 91 Received: 09 JAN 91
Authorized: 08 JAN 91 Prepared: 11 JAN 91 Analyzed: 11 JAN 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	76	ug/L	50
Trichloroethene	910	ug/L	50
Surrogate	**Recovery**		
Toluene-d8	104	%	--
4-Bromofluorobenzene	101	%	--
1,2-Dichloroethane-d4	95	%	--

ND = Not detected
NA = Not applicable

Reported By: Stephanie Boehnke Approved By: Jeff Lowry

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: GROUNDWATER FROM MW-21
Lab ID: 013035-0007-SA
Matrix: AQUEOUS Sampled: 08 JAN 91 Received: 09 JAN 91
Authorized: 08 JAN 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	8.2	units	--	9040	NA	09 JAN 91
Specific Conductance at 25 deg.C	659	umhos/cm	1.0	120.1	NA	09 JAN 91
Total Organic Carbon	0.70	mg/L	0.50	9060	NA	16 JAN 91
Total Organic Halogen as Cl	822	ug/L	30.0	9020	NA	12 JAN 91

ND = Not detected
NA = Not applicable

Reported By: Steve Pope Approved By: Roxanne Sullivan

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-21
Lab ID: 014289-0003-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 Prepared: 03 APR 91 Analyzed: 10 APR 91

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	29	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: Shawn Kassner Approved By: Jeff Lowry

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-21
Lab ID: 014289-0003-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 Prepared: 03 APR 91 Analyzed: 10 APR 91

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	400	ug/L	25
1,1,2-Trichloroethane	ND	ug/L	25
Trichloroethene	400	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	105	%
4-Bromofluorobenzene	101	%
1,2-Dichloroethane-d4	90	%

ND = Not detected
NA = Not applicable

Reported By: Shawn Kassner Approved By: Jeff Lowry

Enseco
A Corning Company

Metals

Total Metals

Client Name: Sparton Technology Inc.
Client ID: MW-21
Lab ID: 014289-0003-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 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	02 APR 91
Chromium III	ND	mg/L	0.010	7196/6010	NA	15 APR 91
Boron	0.12	mg/L	0.10	6010	10 APR 91	14 APR 91
Manganese	ND	mg/L	0.010	6010	10 APR 91	14 APR 91
Nickel	ND	mg/L	0.040	6010	10 APR 91	14 APR 91
Sodium	48.2	mg/L	5.0	6010	10 APR 91	14 APR 91

ND = Not detected
NA = Not applicable

Reported By: Debra Hosford Approved By: Sandra Jones

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-21
Lab ID: 014289-0003-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chloride	20.4	mg/L	3.0	300.0	NA	04 APR 91
Nitrate as N	3.8	mg/L	0.20	353.2	NA	18 APR 91
pH	7.8	units	--	9040	NA	02 APR 91
Sulfate	86.2	mg/L	5.0	300.0	NA	04 APR 91
Specific Conductance at 25 deg.C	602	umhos/cm	1.0	120.1	NA	02 APR 91
Total Kjeldahl Nitrogen as N	ND	mg/L	0.50	351.2	NA	09 APR 91
Total Organic Carbon	1.1	mg/L	0.50	9060	NA	09 APR 91
Total Organic Halogen as Cl	390	ug/L	300	9020	NA	10 APR 91

ND = Not detected
NA = Not applicable

Reported By: Dan Appelhans Approved By: Toni Stovall

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-21 Groundwater
Lab ID: 015664-0003-SA
Matrix: AQUEOUS Sampled: 02 JUL 91 Received: 03 JUL 91
Authorized: 03 JUL 91 Prepared: 05 JUL 91 Analyzed: 10 JUL 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	40	ug/L	25
Trichloroethene	440	ug/L	25

Surrogate	Recovery	
Toluene-d8	100	%
4-Bromofluorobenzene	97	%
1,2-Dichloroethane-d4	92	%

ND = Not detected
NA = Not applicable

Reported By: Steven Francis Approved By: Mark Dymerski

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-21 Groundwater
Lab ID: 015664-0003-SA
Matrix: AQUEOUS Sampled: 02 JUL 91 Received: 03 JUL 91
Authorized: 03 JUL 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.8	units	--	9040	NA	03 JUL 91
Specific Conductance at 25 deg.C	675	umhos/cm	1.0	120.1	NA	03 JUL 91
Total Organic Carbon	1.0	mg/L	0.50	9060	NA	05 JUL 91
Total Organic Halogen as Cl	507	ug/L	150	9020	NA	10 JUL 91

ND = Not detected
NA = Not applicable

Reported By: Dan Appelhans Approved By: Toni Stovall

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-21
Lab ID: 017713-0002-SA
Matrix: AQUEOUS Sampled: 08 OCT 91 Received: 09 OCT 91
Authorized: 09 OCT 91 Prepared: 11 OCT 91 Analyzed: 21 OCT 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	79	ug/L	50
Trichloroethene	880	ug/L	50

Surrogate	Recovery	
Toluene-d8	102	%
4-Bromofluorobenzene	96	%
1,2-Dichloroethane-d4	105	%

ND = Not detected
NA = Not applicable

Reported By: Cesar Rojas Approved By: Mark Dymerski

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-21
Lab ID: 017713-0002-SA
Matrix: AQUEOUS Sampled: 08 OCT 91 Received: 09 OCT 91
Authorized: 09 OCT 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.7	units	--	9040	NA	09 OCT 91
Specific Conductance at 25 deg.C	718	umhos/cm	1.0	120.1	NA	09 OCT 91
Total Organic Carbon	0.83	mg/L	0.50	9060	NA	13 OCT 91
Total Organic Halogen as Cl	1160	ug/L	150	9020	NA	18 OCT 91

ND = Not detected
NA = Not applicable

Reported By: Jody Tolle Approved By: Dan Appelhans

MONITORING WELL IDENTIFICATION REPORT

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

FACILITY NAME Sparton Technology, Inc.

EPA I.D. NUMBER NMD083212332

COUNTY Bernalillo

WELL NUMBER MW-22

WELL LOCATION (LONGITUDE) 106° 39' 35.8" *

WELL LOCATION (LATITUDE) 35° 11' 20.6" *

AQUIFER NAME

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 4967.08

ELEV BOTTOM OF WELL CASING 4968.58

ELEV BOTTOM OF SCREENED INT 4968.58

ELEV OF TOP OF SCREENED INT 4973.58

SURVEYED ELEV OF CASING TOP 5047.69

DATE OF REPORT 3/10/92 SIGNATURE Gary L Richardson

NAME (TYPED) Gary L. Richardson

b:wellid/bas

* Scaled from USGS 15' quad.

1st qtr '91

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.

EPA I.D. NUMBER NMD083212332

WELL NUMBER MW-22 SAMPLE COLLECTION BY V. Samala

WELL DEPTH 79.5 LABORATORY NAME ENSECO

DATE SAMPLED 1-8-91 LABORATORY SAMPLE I.D. # 013035-0005-SA

TIME SAMPLED 0930 DATE RECIEVED BY LAB. 1-9-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4980.47	1-9-91
Well Casing Volume	-----	gal.	1.25	
Pump Rate	-----	gal/min	0.15	
Pump Period	72004	min.	25	
Volume Evacuated	73675	gal.	3.76	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003370

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	8.2	—	1-9-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	675	1.0	1-9-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	161	30.0	1-11-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.6	0.50	1-16-91	
	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	_____	_____	_____	_____
Iron	01045	ug/l	_____	_____	_____	_____
Manganese	71883	ug/l	_____	_____	_____	_____
Phenols	32730	ug/l	_____	_____	_____	_____
Sodium	00929	mg/l	_____	_____	_____	_____
Sulfate	00945	mg/l	_____	_____	_____	_____
Turbidity		NTU	_____	_____	_____	_____

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H Metzner

003372

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	47	10		1-11-91	8240
Trichloroethane		ug/L	75	10		1-11-91	8240

003373

2nd qtr '91

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.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER	MW-22	SAMPLE COLLECTION BY	V. Samala
WELL DEPTH	79.5	LABORATORY NAME	ENSECO
DATE SAMPLED	4-1-91	LABORATORY SAMPLE I.D. #	014289-0001-SA
TIME SAMPLED	0935	DATE RECIEVED BY LAB.	4-2-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4979.22	4-4-91
Well Casing Volume	-----	gal.	1.15	
Pump Rate	-----	gal/min	0.098	
Pump Period	72004	min.	35	
Volume Evacuated	73675	gal.	3.45	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003374

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.7	–	4-2-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	640	1.0	4-2-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	183	30.0	4-10-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	3.2	0.50	4-9-91	
	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	20.5	3.0	4-4-91	300.0
Iron	01045	ug/l				
Manganese	71883	ug/l	0.23	0.010	4-14-91	6010
Phenols	32730	ug/l				
Sodium	00929	mg/l	47.2	5.0	4-14-91	6010
Sulfate	00945	mg/l	84.2	5.0	4-4-91	300.0
Turbidity		NTU				

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003376

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	10		4-10-91	8240
1,1,1-Trichloroethane		ug/L	150	10		4-10-91	8240
Trichloroethene		ug/L	92	10		4-10-91	8240

003377

3rd qtr '91

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.

EPA I.D. NUMBER NMD083212332

WELL NUMBER	MW-22	SAMPLE COLLECTION BY	J. Wakefield
WELL DEPTH	79.5	LABORATORY NAME	ENSECO
DATE SAMPLED	7-2-91	LABORATORY SAMPLE I.D. #	015664-0001-SA
TIME SAMPLED	0913	DATE RECIEVED BY LAB.	7-3-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4980.97	7-10-91
Well Casing Volume	-----	gal.	1.40	
Pump Rate	-----	gal/min	0.11	
Pump Period	72004	min.	38	
Volume Evacuated	73675	gal.	4.21	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003378

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.7	–	7-3-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	691	1.0	7-3-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	201	30.0	7-10-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.6	0.50	7-5-91	
	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				
Iron	01045	ug/l				
Manganese	71883	ug/l				
Phenols	32730	ug/l				
Sodium	00929	mg/l				
Sulfate	00945	mg/l				
Turbidity		NTU				

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter Metzner

003380

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	30	5.0		7-8-91	8240
Trichloroethene		ug/L	110	5.0		7-8-91	8240

003381

4th qtr '91

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.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER	MW-22	SAMPLE COLLECTION BY	J. Wakefield
WELL DEPTH	79.5	LABORATORY NAME	ENSECO
DATE SAMPLED	10-8-91	LABORATORY SAMPLE I.D. #	017713-0004-SA
TIME SAMPLED	1147	DATE RECIEVED BY LAB.	10-9-91

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G.Water	71993	ft.	4981.05	10-3-91
Well Casing Volume	-----	gal.	1.43	
Pump Rate	-----	gal/min	0.116	
Pump Period	72004	min.	37	
Volume Evacuated	73675	gal.	4.29	
Well Sampling Method	84077	---	BLDRP	
Sampler Material		---	TEFLN	N/A

Well Sampling Method: BLDRP

003382

INDICATOR PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.7	–	10-9-91	
	00400	S.U.				9040
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	728	1.0	10-9-91	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	181	30.0	10-18-91	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	0.97	0.50	10-13-91	
	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				
Iron	01045	ug/l				
Manganese	71883	ug/l				
Phenols	32730	ug/l				
Sodium	00929	mg/l				
Sulfate	00945	mg/l				
Turbidity		NTU				

DATE OF THIS REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (PRINTED): Peter H. Metzner

003384

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	30	10		10-21-91	8240
Trichloroethene		ug/L	93	10		10-21-91	8240

003385

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)]

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

FACILITY NAME Spartan Technology, Inc.

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-22

		SAMPLE DATES			
		1-8-91	4-1-91	7-2-91	10-8-91
PARAMETERS	UNITS	VALUE			
Elev. of G.Water	ft.	4980.47	4979.22	4980.97	4981.05
pH (Avg)	S.U.	8.2	7.7	7.7	7.7
Spec Cond (Avg)	umhos/cm	675	640	691	728
T.O.X. (Avg)	ug/l	161	183	201	181
T.O.C. (Avg)	mg/l	1.6	3.2	1.6	0.97
Chloride	mg/l	–	20.5	–	–
Iron	ug/l				
Manganese	ug/l	–	0.23	–	–
Phenols	ug/l				
Sodium	mg/l	–	47.2	–	–
Sulfate	mg/l	–	84.2	–	–
Turbidity	NTU				

003386

APPENDIX IX PARAMETERS

PARAMETERS	UNITS	SAMPLE DATES 1-8-91	4-1-91	7-2-91	10-8-91
		VALUE			
1,1-Dichloroethene	ug/L	47	31	30	30
Trichloroethene	ug/L	75	92	110	93
1,1,1-Trichloroethane		-	150	-	-

DATE OF REPORT: 3-10-91

SIGNATURE: Peter H Metzner

NAME (TYPED): Peter Metzner

b:asses.1/bas

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: GROUNDWATER FROM MW-22
Lab ID: 013035-0005-SA
Matrix: AQUEOUS Sampled: 08 JAN 91 Received: 09 JAN 91
Authorized: 08 JAN 91 Prepared: 11 JAN 91 Analyzed: 11 JAN 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	47	ug/L	10
Trichloroethene	75	ug/L	10

Surrogate	Recovery		
Toluene-d8	99	%	--
4-Bromofluorobenzene	96	%	--
1,2-Dichloroethane-d4	97	%	--

ND = Not detected
NA = Not applicable

Reported By: Stephanie Boehnke Approved By: Jeff Lowry

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: GROUNDWATER FROM MW-22
Lab ID: 013035-0005-SA
Matrix: AQUEOUS Sampled: 08 JAN 91 Received: 09 JAN 91
Authorized: 08 JAN 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	8.2	units	--	9040	NA	09 JAN 91
Specific Conductance at 25 deg.C	675	umhos/cm	1.0	120.1	NA	09 JAN 91
Total Organic Carbon	1.6	mg/L	0.50	9060	NA	16 JAN 91
Total Organic Halogen as Cl	161	ug/L	30.0	9020	NA	11 JAN 91

ND = Not detected
NA = Not applicable

Reported By: Eileen Burke Approved By: Roxanne Sullivan

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-22
Lab ID: 014289-0001-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 Prepared: 03 APR 91 Analyzed: 10 APR 91

Parameter	Result	Units	Reporting Limit
Acetone	ND	ug/L	20
Acetonitrile	ND	ug/L	400
Acrolein	ND	ug/L	200
Acrylonitrile	ND	ug/L	200
Allyl chloride	ND	ug/L	20
Benzene	ND	ug/L	10
Bromodichloromethane	ND	ug/L	10
Bromoform	ND	ug/L	10
Bromomethane	ND	ug/L	20
2-Butanone (MEK)	ND	ug/L	20
Carbon disulfide	ND	ug/L	10
Carbon tetrachloride	ND	ug/L	10
Chlorobenzene	ND	ug/L	10
Chloroethane	ND	ug/L	20
Chloroform	ND	ug/L	10
Chloromethane	ND	ug/L	20
Chloroprene	ND	ug/L	10
Dibromochloromethane	ND	ug/L	10
1,2-Dibromo-3-chloro-propane (DBCP)	ND	ug/L	20
1,2-Dibromoethane (EDB)	ND	ug/L	20
Dibromomethane	ND	ug/L	10
trans-1,4-Dichloro-2-butene	ND	ug/L	10
Dichlorodifluoromethane	ND	ug/L	40
1,1-Dichloroethane	ND	ug/L	10
1,2-Dichloroethane	ND	ug/L	10
1,1-Dichloroethene	31	ug/L	10
1,2-Dichloroethene (total)	ND	ug/L	10
1,2-Dichloropropane	ND	ug/L	10
cis-1,3-Dichloropropene	ND	ug/L	10
trans-1,3-Dichloropropene	ND	ug/L	10
1,4-Dioxane	ND	ug/L	1000
Ethylbenzene	ND	ug/L	10
Ethyl methacrylate	ND	ug/L	40
Iodomethane	ND	ug/L	10
Isobutanol	ND	ug/L	400
2-Hexanone	ND	ug/L	20
Methacrylonitrile	ND	ug/L	10
Methylene chloride	ND	ug/L	10

(continued on following page)

ND = Not detected
NA = Not applicable

Reported By: Shawn Kassner Approved By: Jeff Lowry

Enseco
A Corning Company

Volatile Organics
Appendix IX List
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-22
Lab ID: 014289-0001-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 Prepared: 03 APR 91 Analyzed: 10 APR 91

Parameter	Result	Units	Reporting Limit
Methyl methacrylate	ND	ug/L	40
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20
Propionitrile	ND	ug/L	10
Styrene	ND	ug/L	10
1,1,1,2-Tetrachloroethane	ND	ug/L	10
1,1,2,2-Tetrachloroethane	ND	ug/L	10
Tetrachloroethene	ND	ug/L	10
Toluene	ND	ug/L	10
1,1,1-Trichloroethane	150	ug/L	10
1,1,2-Trichloroethane	ND	ug/L	10
Trichloroethene	92	ug/L	10
Trichlorofluoromethane	ND	ug/L	10
1,2,3-Trichloropropane	ND	ug/L	10
Vinyl acetate	ND	ug/L	20
Vinyl chloride	ND	ug/L	20
Xylenes (total)	ND	ug/L	10

Surrogate	Recovery	
Toluene-d8	107	%
4-Bromofluorobenzene	101	%
1,2-Dichloroethane-d4	96	%

ND = Not detected
NA = Not applicable

Reported By: Shawn Kassner Approved By: Jeff Lowry

Enseco
A Corning Company

Metals

Total Metals

Client Name: Sparton Technology Inc.
Client ID: MW-22
Lab ID: 014289-0001-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chromium III	0.019	mg/L	0.010	7196/6010	NA	15 APR 91
Chromium (VI)	ND	mg/L	0.010	7196	NA	02 APR 91
Boron	0.19	mg/L	0.10	6010	10 APR 91	14 APR 91
Manganese	0.23	mg/L	0.010	6010	10 APR 91	14 APR 91
Nickel	ND	mg/L	0.040	6010	10 APR 91	14 APR 91
Sodium	47.2	mg/L	5.0	6010	10 APR 91	14 APR 91

ND = Not detected
NA = Not applicable

Reported By: Debra Hosford Approved By: Sandra Jones

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-22
Lab ID: 014289-0001-SA
Matrix: AQUEOUS Sampled: 01 APR 91 Received: 02 APR 91
Authorized: 02 APR 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Chloride	20.5	mg/L	3.0	300.0	NA	04 APR 91
Nitrate as N	5.8	mg/L	0.20	353.2	NA	18 APR 91
pH	7.7	units	--	9040	NA	02 APR 91
Sulfate	84.2	mg/L	5.0	300.0	NA	04 APR 91
Specific Conductance at 25 deg.C	640	umhos/cm	1.0	120.1	NA	02 APR 91
Total Kjeldahl Nitrogen as N	ND	mg/L	0.50	351.2	NA	09 APR 91
Total Organic Carbon	3.2	mg/L	0.50	9060	NA	09 APR 91
Total Organic Halogen as Cl	183	ug/L	30.0	9020	NA	10 APR 91

ND = Not detected
NA = Not applicable

Reported By: Dan Appelhans Approved By: Toni Stovall

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-22 Groundwater
Lab ID: 015664-0001-SA
Matrix: AQUEOUS Sampled: 02 JUL 91 Received: 03 JUL 91
Authorized: 03 JUL 91 Prepared: 05 JUL 91 Analyzed: 08 JUL 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	30	ug/L	5.0
Trichloroethene	110	ug/L	5.0

Surrogate	Recovery	
Toluene-d8	110	%
4-Bromofluorobenzene	104	%
1,2-Dichloroethane-d4	93	%

ND = Not detected
NA = Not applicable

Reported By: Cherie Windholz Approved By: Mark Dymerski

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-22 Groundwater
Lab ID: 015664-0001-SA
Matrix: AQUEOUS Sampled: 02 JUL 91 Received: 03 JUL 91
Authorized: 03 JUL 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.7	units	--	9040	NA	03 JUL 91
Specific Conductance at 25 deg.C	691	umhos/cm	1.0	120.1	NA	03 JUL 91
Total Organic Carbon	1.6	mg/L	0.50	9060	NA	05 JUL 91
Total Organic Halogen as Cl	201	ug/L	30.0	9020	NA	10 JUL 91

ND = Not detected
NA = Not applicable

Reported By: Dan Appelhans Approved By: Toni Stovall

Enseco
A Corning Company

Volatile Organics
Target Compound List (TCL)
Method 8240

Client Name: Sparton Technology Inc.
Client ID: MW-22
Lab ID: 017713-0004-SA
Matrix: AQUEOUS Sampled: 08 OCT 91 Received: 09 OCT 91
Authorized: 09 OCT 91 Prepared: 11 OCT 91 Analyzed: 21 OCT 91

Parameter	Result	Units	Reporting Limit
1,1-Dichloroethene	30	ug/L	10
Trichloroethene	93	ug/L	10

Surrogate	Recovery	
Toluene-d8	100	%
4-Bromofluorobenzene	95	%
1,2-Dichloroethane-d4	103	%

ND = Not detected
NA = Not applicable

Reported By: Cesar Rojas Approved By: Mark Dymerski

Enseco
A Corning Company

General Inorganics

Client Name: Sparton Technology Inc.
Client ID: MW-22
Lab ID: 017713-0004-SA
Matrix: AQUEOUS Sampled: 08 OCT 91 Received: 09 OCT 91
Authorized: 09 OCT 91 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	7.7	units	--	9040	NA	09 OCT 91
Specific Conductance at 25 deg.C	728	umhos/cm	1.0	120.1	NA	09 OCT 91
Total Organic Carbon	0.97	mg/L	0.50	9060	NA	13 OCT 91
Total Organic Halogen as Cl	181	ug/L	30.0	9020	NA	18 OCT 91

ND = Not detected
NA = Not applicable

Reported By: Jody Tolle Approved By: Dan Appelhans