

SPARTON

SPARTON TECHNOLOGY

received on 1/15/91

January 14, 1991

Technical Section (6H-CD)
RCRA Enforcement Branch
Hazardous Waste Management Division
U. S. Environmental Protection Agency
1445 Ross Avenue
Dallas, Texas 75202-2733

Attention: Mr. Guy L. Tidmore, Chief

Reference: Monthly Report
Sparton Technology, Inc.

Gentlemen:

This is the monthly progress report for Sparton Technology, Inc.'s Coors Road Facility, located in Albuquerque, New Mexico, as required in Section IV.C of the Consent Order. This report summarizes activities during the month of December 1990.

1. The Draft RFI report was delivered to EPA on December 17, 1990.
2. The bi-weekly water level measurements taken to date, as required in Section IV.A.1 of the Consent Order, are included in Attachment 1.
3. Air stripper removal efficiencies continue to average over 99 percent for the measured indicator parameters. During the month, 43,500 gallons of recovered groundwater were treated, bringing the total volume treated to date to 1,421,500 gallons. Air stripper performance data is included in Attachment 2.

Report in magazine file

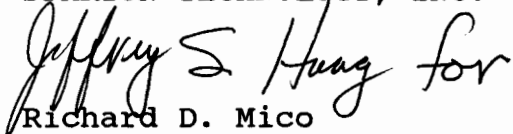
002642

January 14, 1991
Technical Section (6H-CD)
RCRA Enforcement Branch
Hazardous Waste Management Division
U. S. Environmental Protection Agency
Page 2

This concludes our progress report for the month of December. If you have any questions, please contact the undersigned.

Very truly yours,

SPARTON TECHNOLOGY, INC.



Richard D. Mico
Vice President/General Manager

Attachments: (as stated)

cc: NMEID
J. Appel
J. DeWitt
C. Glore
J. Haag
G. Richardson
V. Samala

002643

ATTACHMENT 1
Bi-Weekly Water Level Measurements

002644

SPARTON TECHNOLOGY, INC.
COORS ROAD FACILITY
BIWEEKLY WATER LEVEL MEASUREMENTS

[-----Water Level Elevation - Feet Above MSL-----]

DATE	MW-7	MW-9	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-21	MW-22	MW-33	MW-34	MW-35	MW-36	MW-37
02/23/89	4978.48	4975.57	4975.23	4976.51	4974.24	4976.45	4980.07	4980.08	4979.76	4979.23	4975.07	-----	-----	-----	-----
03/08/89	4978.40	4975.36	4975.15	4976.35	4974.15	4976.36	4979.87	4980.08	4979.64	4979.14	4974.90	-----	-----	-----	-----
03/21/89	4978.81	4975.65	4975.40	4976.76	4974.07	4976.36	4979.82	4980.08	4979.68	4979.35	4975.15	-----	-----	-----	-----
04/06/89	4979.15	4975.11	4975.65	4977.18	4974.24	4976.45	4980.10	4980.16	4979.68	4979.64	4975.40	-----	-----	-----	-----
04/21/89	4979.31	4975.95	4975.73	4977.18	4974.32	4976.45	4980.07	4980.16	4979.84	4979.77	4975.40	-----	-----	-----	-----
05/03/89	4979.40	4976.03	4975.82	4977.18	4974.49	4976.53	4980.07	4980.24	4979.84	4979.81	4975.48	-----	-----	-----	-----
05/17/89	4979.65	4976.15	4975.90	4977.26	4974.32	4976.53	4980.10	4980.33	4979.93	4979.98	4975.57	-----	-----	-----	-----
06/01/89	4979.73	4976.24	4975.90	4977.43	4974.49	4976.54	4980.07	4980.41	4980.01	4979.98	4975.48	-----	-----	-----	-----
06/13/89	4979.90	4976.40	4976.07	4977.64	4974.55	4976.70	4980.32	4980.49	4980.01	4980.06	4975.65	-----	-----	-----	-----
06/30/89	4980.06	4976.49	4976.15	4977.60	4974.53	4976.53	4980.16	4980.49	4979.93	4980.19	4975.57	-----	-----	-----	-----
07/12/89	4980.40	4976.82	4976.40	4978.01	4974.82	4976.78	4980.57	4980.74	4980.26	4980.48	4975.78	-----	-----	-----	-----
07/28/89	4980.40	4976.20	4976.40	4977.93	4974.82	4976.78	4980.82	4980.87	4980.18	4980.56	4975.82	-----	-----	-----	-----
08/10/89	4980.06	4976.40	4976.07	4977.60	4974.53	4976.74	4980.68	4980.83	4980.26	4980.39	4975.73	-----	-----	-----	-----
08/24/89	4980.48	4976.90	4976.65	4978.18	4974.90	4976.99	4980.74	4980.91	4980.30	4980.30	4976.04	-----	-----	-----	-----
09/07/89	4980.65	4977.07	4976.73	4978.43	4975.07	4977.11	4980.82	4981.08	4980.30	4980.89	4976.19	-----	-----	-----	-----
09/21/89	4980.90	4977.24	4976.90	4978.46	4975.16	4977.16	4980.91	4981.16	4980.47	4981.06	4976.23	-----	-----	-----	-----
10/05/89	4980.90	4977.24	4976.94	4978.47	4975.15	4977.03	4981.07	4981.24	4980.49	4981.06	4976.32	-----	-----	-----	-----
10/20/89	4980.65	4976.82	4976.65	4978.01	4974.90	4977.07	4980.91	4981.08	4980.34	4980.81	4975.69	-----	-----	-----	-----
11/03/89	4980.40	4977.02	4976.40	4978.01	4974.90	4977.27	4980.92	4980.99	4980.58	4980.59	4975.89	-----	-----	-----	-----
11/17/89	4980.15	4977.02	4976.28	4977.60	4974.82	4977.52	4980.92	4980.87	4980.58	4980.38	4976.98	4976.98	4974.91	4984.83	4972.45
12/01/89	4979.81	4976.56	4975.90	4977.26	4974.40	4977.10	4980.83	4980.66	4980.50	4980.01	4975.81	4976.60	4974.65	4973.50	4972.35
12/15/89	4979.56	4976.27	4975.82	4977.10	4974.15	4977.10	4980.75	4980.49	4980.46	4979.88	4975.56	4976.28	4974.46	4973.35	4972.30
12/28/89	4979.31	4976.10	4975.61	4976.85	4974.15	4976.89	4980.42	4980.41	4980.33	4979.72	4975.48	4976.03	4974.21	4973.29	4972.23

002645

SPARTON TECHNOLOGY, INC.
COORS ROAD FACILITY
BIWEEKLY WATER LEVEL MEASUREMENTS

[-----Water Level Elevation - Feet Above MSL-----]

DATE	MW-7	MW-9	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-21	MW-22	MW-33	MW-34	MW-35	MW-36	MW-37
01/09/90	4979.15	4975.85	4975.44	4976.68	4973.99	4976.85	4980.33	4980.33	4980.29	4979.55	4975.31	4975.89	4974.19	4973.15	4972.12
01/24/90	4978.98	4975.85	4975.48	4976.43	4973.90	4976.68	4980.25	4980.16	4980.08	4979.55	4975.14	4975.84	4974.04	4973.01	4972.10
02/07/90	4978.81	4975.77	4975.40	4976.35	4973.82	4976.52	4980.00	4980.12	4980.08	4979.38	4975.06	4975.60	4974.00	4972.92	4971.28
02/21/90	4978.81	4975.52	4975.32	4976.35	4973.65	4976.35	4979.92	4980.08	4980.00	4979.13	4975.06	4975.52	4973.88	4972.94	4971.99
03/07/90	4978.81	4975.43	4975.07	4976.26	4973.65	4976.18	4980.00	4980.91	4979.75	4979.13	4975.06	4975.90	4973.97	4972.92	4972.16
03/21/90	4978.81	4975.43	4975.07	4976.26	4973.65	4975.93	4979.92	4980.08	4979.75	4979.13	4975.06	4975.67	4973.97	4973.07	4972.13
04/05/90	4979.23	4976.10	4975.65	4976.76	4974.07	4976.27	4980.00	4980.08	4979.75	4979.55	4975.48	4975.77	4973.00	4973.20	4972.26
04/18/90	4979.48	4976.27	4975.82	4977.10	4974.07	4976.27	4980.00	4980.16	4979.83	4979.55	4975.48	4976.27	4973.75	4972.55	4972.28
05/02/90	4979.65	4976.27	4975.90	4977.18	4974.15	4976.60	4980.08	4980.41	4980.00	4979.88	4975.81	4976.74	4974.60	4973.40	4972.41
05/16/90	4979.65	4976.27	4975.90	4977.18	4974.15	4976.35	4980.00	4980.24	4980.08	4979.63	4975.48	4976.02	4974.52	4973.32	4972.35
05/30/90	4979.65	4976.27	4975.90	4977.18	4974.07	4976.35	4980.00	4980.41	4980.08	4979.88	4975.56	4976.76	4974.60	4973.36	4972.31
06/13/90	4979.90	4976.68	4976.53	4977.51	4974.40	4976.60	4980.42	4980.49	4975.57	4979.97	4975.89	4976.98	4974.69	4973.36	4972.29
06/27/90	4980.06	4976.68	4976.32	4977.60	4974.49	4976.68	4980.42	4980.49	4980.08	4980.13	4975.89	4977.20	4973.50	4973.50	4972.35
07/10/90	4980.48	4976.77	4976.32	4977.93	4974.49	4976.77	4980.50	4980.49	4980.17	4980.38	4975.89	4977.40	4975.03	4973.61	4972.39
07/24/90	4980.15	4976.68	4976.23	4977.51	4974.32	4976.68	4980.67	4980.49	4980.42	4980.05	4975.81	4977.00	4974.86	4973.57	4972.37
08/08/90	4980.48	4977.10	4976.73	4978.01	4974.82	4977.02	4980.67	4980.58	4980.50	4980.47	4975.89	4977.82	4975.11	4973.68	4972.46
08/24/90	4980.90	4977.10	4976.73	4978.35	4974.82	4977.10	4981.17	4980.99	4980.75	4980.80	4975.89	4977.47	4975.19	4973.75	4972.06
09/06/90	4980.90	4976.85	4976.32	4977.60	4974.49	4977.10	4981.00	4980.91	4980.83	4980.47	4975.89	4977.18	4974.99	4973.60	4972.40
09/19/90	4980.48	4976.77	4976.32	4977.60	4974.49	4977.10	4981.17	4980.91	4980.83	4980.47	4975.89	4977.32	4975.30	4973.67	4972.43
10/05/90	4980.98	4977.35	4976.82	4978.43	4975.15	4977.18	4981.25	4981.33	4980.92	4980.97	4976.23	4977.74	4975.35	4973.96	4972.64
10/17/90	4980.90	4977.35	4976.73	4978.35	4974.90	4977.27	4981.25	4981.24	4980.92	4980.97	4976.31	4977.57	4975.35	4973.85	4972.52
10/31/90	4980.98	4977.52	4977.15	4978.43	4975.24	4977.43	4981.25	4981.33	4980.92	4981.13	4976.39	4978.17	4975.52	4974.03	4972.68
11/13/90	4980.98	4977.52	4976.90	4978.43	4975.15	4977.52	4981.25	4981.33	4980.92	4981.13	4976.31	4977.91	4975.52	4974.05	4972.74
11/28/90	4980.48	4977.10	4976.65	4978.01	4974.90	4977.43	4981.25	4981.33	4980.83	4980.80	4975.98	4977.35	4975.21	4973.79	4972.51
12/12/90	4980.15	4976.77	4976.32	4977.60	4974.49	4977.18	4980.83	4980.99	4980.67	4980.47	4975.98	4976.96	4974.97	4973.67	4972.48
12/27/90	4979.98	4976.60	4975.98	4977.18	4974.32	4977.14	4980.83	4980.91	4980.58	4980.22	4975.81	4976.54	4974.68	4973.42	4972.31

002646

ATTACHMENT 2
Air Stripper Performance Data

002647

SPARTON TECHNOLOGY, INC.
COORS ROAD FACILITY
ALBUQUERQUE, NEW MEXICO

GROUNDWATER RECOVERY SYSTEM
VOLUME TREATED
MONTH OF DECEMBER 1990

DATE	BEGIN READING	END READING	GALLONS	CUMULATIVE GALLONS
				1,378,000
12/01/90	572,900	578,100	5200	1,383,200
12/03/90	578,100	579,500	1400	1,384,600
12/04/90	579,500	581,300	1800	1,386,400
12/05/90	581,300	583,300	2000	1,388,400
12/06/90	583,300	585,100	1800	1,390,200
12/07/90	585,100	590,600	5500	1,395,700
12/10/90	591,600	592,400	1800	1,397,500
12/11/90	592,400	594,600	2200	1,399,700
12/12/90	594,600	596,800	2200	1,401,900
12/13/90	596,800	598,800	2000	1,403,900
12/14/90	598,800	604,600	5800	1,409,700
12/17/90	604,600	606,400	1800	1,411,500
12/18/90	606,400	608,000	1600	1,413,100
12/19/90	608,000	609,700	1700	1,414,800
12/20/90	609,700	611,700	2000	1,416,800
12/21/90	611,700	616,400	4700	1,421,500
		Total Gallons =	43,500	

002648

AIR STRIPPER PERFORMANCE

Sparton Technology, Inc.
Albuquerque, New Mexico

(all concentrations in micrograms per liter (ppb))

DATE SAMPLED	1,1-Dichloroethylene [-----]			Methylene Chloride [-----]			1,1,1-Trichloroethane [-----]			Trichloroethylene [-----]		
	INFLUENT	EFFLUENT	PERCENT REDUCTION	INFLUENT	EFFLUENT	PERCENT REDUCTION	INFLUENT	EFFLUENT	PERCENT REDUCTION	INFLUENT	EFFLUENT	PERCENT REDUCTION
12/12/88	21	0.32	98.5	293	5.4	98.2	95	1.9	98.0	328	6.3	98.1
12/14/88	170	1.1	99.4	2230	26.5	98.8	1090	9.7	99.1	2490	22.4	99.1
12/19/88	87	0.4	99.5	1320	13.6	99.0	862	6.0	99.3	2200	14.8	99.3
12/27/88	89	0.5	99.4	1250	2.4	99.8	648	3.3	99.5	1300	7.2	99.4
01/06/89	64	0.2	99.7	581	3.3	99.4	340	1.7	99.5	712	4.1	99.4
01/23/89	82	0.2	99.8	545	7.4	98.6	570	2.6	99.5	1220	7.5	99.4
02/02/89	83	0.3	99.6	514	0.1	100.0	389	2.2	99.4	1550	8.6	99.4
03/06/89	107	1.5	98.6	38	0.4	98.9	708	11.0	98.4	1300	21.0	98.4
04/03/89	79	1	98.7	84	1	98.9	371	0	99.7	880	1.5	99.8
05/01/89	94	1	98.9	14	1	92.9	243	0	99.6	632	1	99.8
06/05/89	28	1	96.4	148	1	99.3	198	0	99.5	685	1	99.9
07/05/89	20	0.1	99.5	2.4	0.1	95.8	154	0.1	99.9	452	0.14	100.0
08/07/89	27	0.1	99.6	2.4	0.1	95.8	152	0.18	99.9	477	0.19	100.0
09/05/89	53	0.1	99.8	8.5	0.1	98.8	310	0.1	100.0	785	0.2	100.0
10/02/89	62	0.1	99.8	2.6	0.1	96.2	286	0.1	100.0	905	0.1	100.0
11/06/89	20.9	0.1	99.5	140	0.26	99.8	87.5	0.1	99.9	392	0.25	99.9
12/04/89	23.0	0.1	99.6	131	0.2	99.8	71	0.1	99.9	378	0.4	99.9
01/08/90	19.7	0.1	99.5	140	0.41	99.7	90.3	0.18	99.8	359	0.91	99.7
02/05/90	34.0	0.1	99.7	44	0.22	99.5	250	0.47	99.8	670	1.8	99.7
03/05/90	45.0	0.1	99.8	35	0.2	99.4	240	0.19	99.9	780	0.91	99.9
04/02/90	64.0	0.1	99.8	10	0.4	96.0	310	0.1	100.0	1300	0.32	100.0
05/07/90	43.0	0.1	99.8	8.7	0.1	98.9	190	0.1	99.9	720	0.18	100.0
06/04/90	70.0	0.1	99.9	1	0.1	90.0	180	0.1	99.9	820	0.1	100.0
07/02/90	30.0	0.1	99.7	1	1.0	0.0	140	0.1	99.9	625	0.1	100.0
08/06/90	40.0	0.1	99.8	21	0.1	99.5	140	0.1	99.9	550	0.59	99.9
09/10/90	44.0	0.1	99.8	5.9	0.1	98.3	150	1.0	99.9	880	1.0	99.9
10/01/90	93.0	1.0	98.9	6.7	1.0	85.1	290	1.0	99.7	1200	1.0	99.9
11/05/90	64.0	1.0	98.4	10	1.0	----	200	1.0	99.5	1200	1.0	99.9
12/19/90	26.0	<1.0	----	<1.0	<1.0	----	120	<1.0	----	460	<1.0	----
AVERAGES	58.0	0.4	99.3	261.8	2.4	99.1	306.1	1.6	99.5	902.4	3.6	99.6

002649