

SPARTON

SPARTON TECHNOLOGY

July 8, 1991

JUL 11 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 June 1991.

1. 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.
2. Air stripper removal efficiencies continue to average over 99 percent for the measured indicator parameters. During the month, 44,300 gallons of recovered groundwater were treated, bringing the total volume treated to date to 1,673,300 gallons. Air stripper performance data is included in Attachment 2.

002698

July 8, 1991
Technical Section (6H-CD)
RCRA Enforcement Branch
Hazardous Waste Management Division
U.S. Environmental Protection Agency
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This concludes our progress report for the month of June. If you have any questions, please contact the undersigned.

Very truly yours,

SPARTON TECHNOLOGY, INC.

Richard D. Mico

Richard D. Mico
Vice President/General Manager

Attachments: (as stated)

cc: NMEID ✓
J. Appel
P. Chandler
J. DeWitt
J. Wakefield
G. Richardson

002699

ATTACHMENT 1
Bi-weekly Water Level Measurements

002700

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

DATE	Water Level Elevation - Feet Above MSL														
	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

002701

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

DATE	-----] Water Level Elevation - Feet Above MSL [-----]														
	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	4976.65	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

002702

COORS ROAD FACILITY
BIWEEKLY WATER LEVEL MEASUREMENTS

DATE	----- Water Level Elevation - Feet Above MSL -----														
	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
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
01/09/91	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
01/23/91	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
02/06/91	4979.23	4975.85	4975.48	4976.68	4973.99	4976.68	4980.42	4980.49	4980.33	4979.63	4975.23	4975.89	4974.15	4973.00	4972.07
02/20/91	4979.15	4975.85	4975.40	4976.43	4973.82	4976.35	4980.33	4980.49	4980.17	4979.55	4975.06	4975.75	4974.03	4972.86	4972.04
03/06/91	4978.90	4975.60	4975.40	4976.35	4973.65	4976.27	4980.33	4980.33	4980.08	4979.47	4975.06	4975.61	4973.90	4972.80	4971.89
03/20/91	4978.81	4975.43	4975.07	4976.35	4973.65	4976.10	4980.00	4980.16	4980.08	4979.22	4975.06	4975.53	4973.82	4972.83	4971.94
04/04/91	4978.81	4975.43	4975.07	4976.35	4973.65	4975.93	4980.00	4980.08	4980.00	4979.22	4974.81	4975.57	4973.75	4972.75	4971.86
04/18/91	4979.23	4975.85	4975.40	4976.68	4973.99	4975.93	4980.08	4980.08	4979.29	4979.47	4975.06	4975.85	4973.79	4972.78	4971.79
05/01/91	4979.65	4976.27	4975.65	4977.01	4974.07	4976.18	4980.00	4980.33	4980.08	4979.80	4975.48	4976.56	4974.28	4973.00	4972.00
05/15/91	4980.15	4976.60	4976.32	4977.60	4974.40	4976.60	4980.33	4980.49	4980.08	4980.05	4975.89	4977.09	4974.53	4973.17	4972.04
05/29/91	4980.56	4977.02	4976.65	4978.35	4974.74	4976.77	4980.42	4980.58	4980.42	4980.47	4976.08	4977.69	4974.94	4973.46	4972.22
06/12/91	4980.98	4977.27	4976.82	4978.43	4974.90	4977.10	4980.83	4980.83	4980.50	4980.80	4976.31	4977.84	4975.10	4973.60	4972.33
06/26/91	4981.31	4977.43	4976.82	4978.43	4974.90	4977.10	4980.83	4980.91	4980.58	4980.88	4977.28	4967.28	4957.21	4940.00	4991.66

002703

ATTACHMENT 2
Air Stripper Performance Data

002704

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	0.3	99.8	87.5	0.1	99.9	392	0.25	99.9
12/04/89	23.0	0.1	99.6	131.0	0.2	99.8	71	0.1	99.9	378	0.40	99.9
01/08/90	19.7	0.1	99.5	140.0	0.4	99.7	90.3	0.18	99.8	359	0.91	99.7
02/05/90	34.0	0.1	99.7	44.0	0.2	99.5	250	0.47	99.8	670	1.8	99.7
03/05/90	45.0	0.1	99.8	35.0	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	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	0.1	90.0	180	0.1	99.9	820	0.1	100.0
07/02/90	30.0	0.1	99.7	1.0	1.0	----	140	0.1	99.9	625	0.1	100.0
08/06/90	40.0	0.1	99.8	21.0	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	10.0	1.0	90.0	200	1.0	99.5	1200	1.0	99.9
12/19/90	26.0	1.0	96.2	1.0	1.0	----	120	1.0	99.2	460	1.0	99.8
01/08/91	68.0	1.0	98.5	22.0	1.0	95.5	490	1.0	99.8	1620	3.5	99.8
02/04/91	82.0	1.0	98.8	1.0	1.0	----	396	1.0	99.7	1500	1.6	99.9
03/18/91	330.0	1.0	99.7	1.0	1.0	----	210	1.0	99.5	550	1.0	99.8

002705

AIR STRIPPER PERFORMANCE
(CONTINUED)
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
04/01/91	72.0	1.0	98.6	1.0	1.0	----	150.0	1.0	----	820.0	1.0	99.9
05/06/91	22.0	1.0	95.5	1.0	1.0	----	140.0	1.0	99.3	770.0	1.0	99.9
06/03/91	180.0	1.0	99.4	31.0	1.0	96.8	620.0	1.0	99.8	2100.0	1.7	99.9
AVERAGES	69.6	0.5	99.3	218.4	2.1	99.0	310.9	1.4	99.5	960.3	3.3	99.7

002706