

# SPARTON

## SPARTON TECHNOLOGY

August 9, 1994



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. Ronald Crossland  
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 performed at the site during the month of July 1994.

### Site Activities

1. Air stripper removal efficiencies continue to average about 99 percent for the measured indicator parameters. During the month, 37,000 gallons of recovered groundwater were treated, bringing the total volume treated to date to 2,965,700 gallons. Air stripper performance data is included in Attachment 1.

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August 9, 1994  
Technical Section (6H-CD)  
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This concludes our progress report for the month of July 1994.  
If you have any questions, please contact the undersigned.

Very truly yours,

SPARTON TECHNOLOGY, INC.

A handwritten signature in cursive script, appearing to read "Richard D. Mico (for)".

Richard D. Mico  
Vice President/General Manager

Attachments: (as stated)

cc: NMED  
J. Appel  
P. Chandler  
J. DeWitt  
J. Wakefield  
G. Richardson

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ATTACHMENT 1  
Air Stripper Performance Data

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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

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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
06/30/91	41.0	1.0	97.6	1.0	1.0	----	110.0	1.0	99.1	360.0	1.2	99.7
08/02/91	88.0	1.0	98.9	5.0	1.0	80.0	340.0	1.0	99.7	1200.0	1.0	99.9
09/09/91	10.0	1.0	90.0	10.0	1.0	90.0	390.0	1.0	99.7	1700.0	1.0	99.9
10/7/91	74.0	1.0	98.6	1.0	1.0	----	320.0	1.0	99.7	1100.0	1.0	99.9
11/04/91	130.0	1.0	99.2	1.0	1.0	----	290.0	1.0	99.7	1400.0	1.0	99.9
12/02/91	62.0	1.0	98.4	1.0	1.0	----	270.0	1.0	99.6	1000.0	1.0	99.9
01/06/92	100.0	1.0	99.0	1.0	1.0	----	250.0	1.0	99.6	2000.0	1.1	99.9
02/03/92	150.0	1.7	98.9	77.0	1.0	98.7	390.0	4.0	99.0	1900.0	1.3	99.9
03/02/92	160.0	1.0	99.4	4.9	1.0	79.6	420.0	1.0	99.8	1300.0	1.0	99.9
04/01/92	100.0	1.0	99.0	1.0	1.0	----	490.0	1.0	99.8	2800.0	1.0	100.0
05/06/92	35.0	1.0	97.1	2.0	1.0	50.0	210.0	1.0	99.5	1400.0	1.0	99.9
06/01/92	61.1	1.0	98.4	1.0	1.0	----	185.0	1.0	99.5	530.0	1.0	99.8
07/01/92	76.0	1.0	98.7	1.3	1.0	23.1	156.0	1.0	99.4	776.0	1.0	99.9
08/10/90	28.0	1.0	96.4	33.0	1.0	97.0	211.0	1.0	99.5	830.0	1.0	99.9
09/11/92	67.0	1.0	98.5	112.0	1.0	99.1	185.0	1.0	99.5	747.0	1.0	99.9
10/01/92	58.0	1.0	98.3	1.0	1.0	----	164.0	1.0	99.4	964.0	1.0	99.9
11/02/92	114.0	1.0	99.1	18.0	1.0	94.4	261.0	1.0	99.6	1140.0	1.0	99.9
12/01/92	70.0	1.0	98.6	1.0	1.0	----	194.0	1.0	99.5	875.0	1.0	99.9
01/04/93	74.0	1.0	98.6	24.0	1.0	95.8	220.0	1.9	99.1	1020.0	1.0	99.9
02/01/93	46.0	1.0	97.8	1.0	1.0	----	140.0	1.0	99.3	860.0	1.0	99.9
03/01/93	1.0	1.0	----	32B	1.0	96.9	180.0	1.0	99.4	1200.0	1.0	99.9
04/06/93	35.0	1.0	97.1	26B	1.0	96.2	120.0	1.0	99.2	630.0	3.8	99.4
05/05/93	30.0	1.0	96.7	56B	1.0	98.2	86.0	1.0	98.8	520.0	1.0	99.8
06/08/93	64.0	1.0	98.4	52B	1.0	98.1	161.0	1.0	99.4	710.0	1.0	99.9
07/12/93	18.0	1.0	94.4	13.0	1.0	92.3	140.0	6.7	95.2	750.0	39.0	94.8
08/13/93	37.0	1.0	97.3	1.0	1.0	----	150.0	1.0	99.3	840.0	1.0	99.9
08/13/93*	45.0	0.2	99.6	10.0	2.0	80.0	170.0	0.2	99.9	840.0	0.2	100.0
09/15/93	35.0	1.0	97.1	1.0	1.0	----	160.0	1.0	99.4	940.0	1.0	99.9
10/14/93	58.0	1.0	98.3	1.0	1.0	----	200.0	1.0	99.5	940.0	1.0	99.9

Note: Influent detection limits for 08/02/81 and 09/09/91 are 5.0 ug/l and 10.0 ug/l, respectively which is higher than previous detection limits.

B indicates analyte was detected in the laboratory blank.

\*: Duplicate analysis

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(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
11/03/93	88.0	1.0	98.9	49.0	1.0	98.0	280.0	1.0	99.6	1400.0	1.2	99.9
12/20/93	42.0	1.0	97.6	1.0	1.0	----	170.0	1.0	99.4	1000.0	1.0	99.9
01/04/94	58.0	1.0	98.3	1.0	1.0	----	210.0	1.0	99.5	1200.0	1.5	99.9
02/09/94	90.0	1.0	98.9	1.0	1.0	----	250.0	1.0	99.6	1200.0	2.6	99.8
03/04/94	53.0	1.0	98.1	1.0	1.0	----	200.0	1.0	99.5	1100.0	1.0	99.9
04/08/94	1.0	1.0	----	1.0	1.0	----	120.0	1.0	99.2	690.0	1.0	99.9
05/02/94	78.0	1.5	98.1	418	1.78	95.9	250.0	1.0	99.6	760.0	1.0	99.9
06/06/94	30.0	1.0	96.7	1.0	1.0	----	93.0	1.0	98.9	570.0	1.0	99.8
07/14/94	34.0	1.0	97.1	1.0	1.0	----	120.0	1.0	99.2	620.0	1.0	99.8
AVERAGES	65.4	0.8	98.8	114.3	1.6	98.6	262.1	1.3	99.5	1005.8	2.7	99.7

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