

SPARTON

SPARTON TECHNOLOGY

November 14, 1995

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 October 1995.

Site Activities

1. Air stripper removal efficiencies continue to average about 99 percent for the measured indicator parameters. During the month, 36,800 gallons of recovered groundwater were treated, bringing the total volume treated to date to 3,468,500 gallons. Air stripper performance data is included in Attachment 1.

002863

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Rank RAK

Barbara

FILE

ST/Red/95

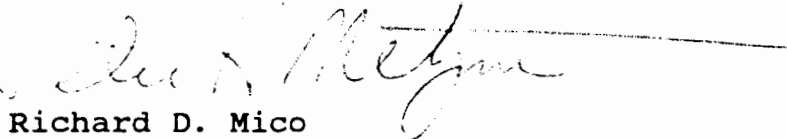


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Page 2

This concludes our progress report for the month of October 1995. 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: NMED
J. Appel
P. Chandler
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

002866

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	----	328	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	268	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	568	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	528	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

002867

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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	41B	1.7B	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
08/01/94	22.0	1.0	95.5	35.0	1.2	96.6	110.0	1.0	99.1	670.0	1.0	99.9
09/01/94	53.0	5.0	90.6	<100	<10	----	130.0	5.0	96.2	740.0	5.0	99.3
10/03/94	1.0	1.0	----	1.0	1.0	----	99.0	1.0	99.0	630.0	1.0	99.8
11/01/94	75.0	1.0	98.7	10.0	2.0	80.0	240.0	1.0	99.6	1300.0	1.0	99.9
12/02/94	25.0	1.0	96.0	25.0	1.0	96.0	280.0	1.0	99.6	1500.0	1.5	99.9
01/03/95	54.0	1.0	98.1	<40	1.0	----	210.0	1.0	99.5	1200.0	1.0	99.9
02/02/95	<25.0	1.0	----	<25.0	1.0	----	140.0	1.0	99.3	900.0	1.0	99.9
03/01/95	8.8	1.0	88.6	1.0B	1.0	----	33.0	1.0	97.0	220.0	1.0	99.5
04/03/95	26.0	1.0	96.2	1.2	1.5 B	----	91.0	1.0	98.9	630.0	1.0	99.8
05/01/95	39.0	1.0	97.4	<25.0	1.0	----	100.0	1.0	99.0	760.0	1.0	99.9
06/01/95	13.0	1.0	92.3	10B	2.2B	----	35.0	1.0	97.1	240.0	1.0	99.6
07/05/95	10.0	1.0	90.0	5.4	1.0	81.5	25.0	1.0	96.0	200.0	1.0	99.5
08/03/95	9.4	1.0	89.4	3.8	1.0	73.7	24.0	1.0	95.8	210.0	1.0	99.5
09/01/95	9.4	1.0	89.4	3.3	1.1	66.7	24.0	1.0	95.8	200.0	1.0	99.5
10/02/95	9.8	1.0	89.8	1.0	1.0	----	27.0	1.0	96.3	260.0	1.0	99.6
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AVERAGES	62.3	0.9	98.6	96.8	1.6	98.3	235.3	1.3	99.4	944.1	2.5	99.7

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