

SPARTON

SPARTON TECHNOLOGY

April 16, 1993



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. Keith Phillips, 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 performed at the site during the month of March 1993.

Site Activities

1. The ground water recovery systems totalizing water meter was replaced on March 24.
2. Air stripper removal efficiencies continue to average about 99 percent for the measured indicator parameters. During the month, 25,400 gallons of recovered groundwater were treated, bringing the total volume treated to date to 2,497,100 gallons. Air stripper performance data is included in Attachment 1.

002708

April 16, 1993
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 March 1993.
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
P. Chandler
J. DeWitt
J. Wakefield
G. Richardson

002709

ATTACHMENT 1

Air Stripper Performance Data

002710

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

002711

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
AVERAGES	70.5	0.7	99.0	140.4	1.7	98.8	287.3	1.3	99.5	1041.1	2.5	99.8

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.

002712

ATTACHMENT 2
Pierce Chandler Letter

002713

May 3, 1993



Mr. Richard D. Mico
Vice President, General Manager
Sparton Technology, Inc.
4901 Rockaway Blvd.
Rio Rancho, New Mexico 87124-4469

Re: Termination of bi-weekly water level readings at the Coors Road Facility

Dear Mr. Mico:

This letter is in confirmation of my instructions to Mr. John Wakefield to terminate bi-weekly water level readings in monitor wells installed at the Coors Road Facility. Conversation with Mr. Vincent Malott of U.S.EPA Region VI and a review of the Consent Order are the basis for this termination.

The Consent Order required the bi-weekly readings as part of detailing the effectiveness of the Interim Measures (Order, IV.A.1.a.i) and also required evaluation of seasonal changes as part of the RCRA Facility Investigation (Order, Exhibit I, Task III, B.1.a.iv). Since the RFI Report has been approved and the report on effectiveness on the Interim Measures has been submitted, the requirements of the Order have been satisfied with respect to the need for bi-weekly readings.

I trust this information is sufficient for your records. If you have any questions, please call.

Very truly yours,

HDR ENGINEERING, INC.


Pierce L. Chandler, Jr., P.E.

cc: Jan Appel
Jon DeWitt
Gary Richardson ✓
John Wakefield

RECEIVED MAR 05 1993

HDR Engineering, Inc.

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