

SPARTON

SPARTON TECHNOLOGY

Eric
Barbara
FILE

(ST)
Sparton / Res / 96

January 25, 1996

Mr. Robert Pine
Hydrologist
Ground Water Protection Bureau-Remediation Section
New Mexico Environment Department
1190 St. Francis Dr.
Santa Fe, New Mexico 87503

Re: SGMP Data

Dear Mr. Pine:

In response to your request enclosed is the data generated from an internal well monitoring program called the Supplementary Ground Water Monitoring Program (SGMP) since it's inception in the 4th Quarter 1991. Target analytes include Trichloroethene, 1,1-Dichloroethene and 1,1,1-Trichloroethane as determined by EPA Method 8240. As data became available other monitor wells were added to the program specifically MW-57, 61 and 64.

If you have any questions please contact John Wakefield or myself at (505) 892-5300. Thank you for your attention to this matter.

Sincerely,
SPARTON TECHNOLOGY, INC.

R. D. Mico

Richard D. Mico
Vice President and General Manager

Enclosure

cc: Mr. Jan Appel (w/o encl.)
Mr. Pierce Chandler
Mr. Ron Kern: NMED-HRMB
Mr. Vince Malott: EPA Region VI
Mr. Gary Richardson
Mr. John Wakefield

*Sparton
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SPARTON TECHNOLOGY, INC.

subsidiary of SPARTON CORPORATION

An ISO 9001 registered company

Date: 1-26-96
 To: Ron Kern NMED-HRMB
 Vince Malott EPA Reg. VI
 Rob Pine NMED-GWPB

Re: SGMP Data
 From: J. Wakefield
 File: MWSGMPN.WQ1
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Well ID Flow Zone	Sample Date	TCE ug/L	1,1-DCE ug/L	1,1,1-TCA ug/L	Cr Total mg/L
MW-32 LLFZ	10/04/91	5100	540	420	
	11/06/91	2400	350	<250	
	12/12/91	2400	380	200	
	01/29/92	5100	850	440	
	04/22/92	6000	1100	510	
	07/22/92	7500	870	540	
	09/21/92	2600	550	260	
	01/12/93	830	130	74	
	04/14/93	1500	470	200	
	07/27/93	4400	1000	380	<0.010
	10/06/93	780	140	71	
	12/07/93	490	80	40	
	01/18/94	580	98	45	
	04/05/94	1700	250	110	
	07/19/94	400	58	62	
	10/25/94	1700	310	88	<0.010
	02/07/95	2000	430	99	
	04/18/95	1600	320	82	
	08/01/95	4200	810	170	
10/10/95	2800	420	120		
MW-35 UFZ	10/04/91	<5.0	<5.0	<5.0	
	01/08/92	<5.0	<5.0	<5.0	
	04/02/92	<5.0	<5.0	<5.0	
	07/21/92	<5.0	<5.0	<5.0	
	09/24/92	<5.0	<5.0	<5.0	
	01/14/93	<1	<1	<1	
	04/14/93	<1	<1	<1	
	07/28/93	<1	<1	<1	
	10/05/93	<1	<1	<1	
	12/02/93	<1	<1	<1	
	01/18/94	<1	<1	<1	
	04/05/94	<1	<1	<1	
	07/19/94	<1	<1	<1	
	10/26/94	<5	<5	<5	
	02/07/95	<5	<5	<5	
04/18/95	<5	<5	<5		
3rd Q 95	Not Sampled MW-57 Substituted.				
4th Q 95	Not Sampled MW-57 Substituted.				

Well ID Flow Zone	Sample Date	TCE ug/L	1,1-DCE ug/L	1,1,1-TCA ug/L	Cr Total mg/L
MW-36 UFZ	10/02/91	19	<5.0	<5.0	0.052
	01/08/92	15	<5.0	<5.0	
	04/02/92	14	<5.0	<5.0	
	07/21/92	10	<5.0	<5.0	
	09/22/92	8.3	<5.0	<5.0	
	01/14/93	7	<1	<1	
	04/13/93	4	<1	<1	
	07/27/93	25	5	2	
	10/05/93	3	<1	<1	
	12/07/93	3	<1	<1	
	01/17/94	3	<1	<1	
	04/04/94	2	<1	<1	
	07/18/94	3	<1	<1	
	10/26/94	2 J	<5	<5	
	02/07/95	3 J	<5	<5	
	04/18/95	3 J	<5	<5	
	08/01/95	2 J	<5	<5	
10/10/95	2	<1	<1		
MW-37 UFZ	10/04/91	1400	<85	<85	
	01/08/92	1200	52	<50	
	04/02/92	960	<85	<85	
	07/21/92	800	37	<25	
	09/24/92	810	38	<33	
	01/14/93	510	19	4	
	04/13/93	340	18	4	
	07/28/93	800	28	8	
	10/04/93	600	<10	<10	
	11/30/93	980	46	<20	
	01/18/94	860	38	<10	
	04/05/94	850	37	<25	
	07/19/94	370	9	3	
	10/26/94	940	40 J	<50	
	02/07/95	770	40	5	
	04/18/95	750	42	6	
	08/01/95	750	37	6	
10/10/95	750	31	5		

Well ID Flow Zone	Sample Date	TCE ug/L	1,1-DCE ug/L	1,1,1-TCA ug/L	Cr Total mg/L
MW-42 ULFZ	10/04/91	930	120	170	
	01/29/92	740	120	130	
	04/22/92	690	120	120	
	07/21/92	640	100	110	
	09/24/92	600	95	110	
	01/12/93	680	100	100	
	04/14/93	320	100	85	
	07/28/93	620	79	80	
	10/05/93	600	93	84	
	11/29/93	620	100	91	
	01/18/94	570	97	84	
	04/05/94	490	79	77	
	07/19/94	530	97	76	
	10/27/94	510	81	70	
	02/07/95	340	84	60	
	04/19/95	340	71	49	
08/01/95	340	80	52		
10/10/95	350	56	43		
MW-43 LLFZ	10/04/91	440	93	120	
	01/29/92	260	68	88	
	04/22/92	340	58	69	
	07/21/92	200	37	59	
	09/24/92	180	41	46	
	01/12/93	200	41	61	
	04/14/93	130	38	54	
	07/28/93	850	150	200	
	10/05/93	160	31	41	
	11/29/93	150	32	48	
	01/18/94	150	38	49	
	04/05/94	120	25	31	
	07/19/94	160	46	39	
	10/27/94	110	30	34	
	02/07/95	79	28	23	
	04/19/95	98	32	24	
08/01/95	100	27	26		
10/10/95	110	25	28		

Well ID Flow Zone	Sample Date	TCE ug/L	1,1-DCE ug/L	1,1,1-TCA ug/L	Cr Total mg/L
MW-46 ULFZ	10/02/91	5200	<250	<250	
	11/06/91	2600	90	80	
	01/08/92	2300	<100	<100	
	04/02/92	1300	<160	<160	
	07/21/92	960	41	77	
	09/24/92	4200	170	<170	
	01/14/93	1200	22	75	
	04/13/93	1200	7	17	
	07/28/93	1400	44	76	
	10/05/93	2100	73	68	
	12/01/93	1800	<100	<100	
	03/14/94	2500	60	110	
	04/05/94	2700	120	69	
	07/19/94	3200	230	<100	
	10/26/94	2100	110	70 J	
	02/07/95	2600	120	65	
	04/18/95	2400	190	80	
08/01/95	3000	130	76		
10/10/95	3300	230	88		
MW-48 UFZ	10/02/91	220	<25	<25	
	01/08/92	280	<10	<10	
	04/01/92	290	<25	<25	
	07/20/92	340	<12	<12	
	09/22/92	240	<20	<20	
	01/13/93	360	7	1	
	04/12/93	310	8	<1	
	07/28/93	330	12	<5	
	10/04/93	420	12	2	
	12/01/93	350	12	<10	
	01/17/94	350	10	<10	
	04/04/94	340	12	<10	
	07/18/94	370	16	<10	
	10/26/94	300	10	<10	
	02/06/95	253	13	1 J	
04/17/95	300	11	<5		
07/31/95	250	10	<5		
10/09/95	270	8	<2		

Well ID Flow Zone	Sample Date	TCE ug/L	1,1-DCE ug/L	1,1,1-TCA ug/L	Cr Total mg/L	
MW-51 UFZ	10/02/91	<5.0	<5.0	<5.0		
	01/09/92	11	<5.0	<5.0		
	04/22/92	<5.0	<5.0	<5.0		
	07/21/92	<5.0	<5.0	<5.0		
	09/24/92	<5.0	<5.0	<5.0		
	01/14/93	<1	<1	<1		
	04/13/93	<1	<1	<1		
	07/28/93	<1	<1	<1		
	10/05/93	1	<1	<1		
	11/29/93	2	<1	<1		
	03/14/94	<1	<1	<1		
	04/05/94	0.6 J	<1	<1		
	07/19/94	<1	<1	<1		
	10/26/94	<5	<5	<5		
	02/07/95	<5	<5	<5		
	04/18/95	1 J	<5	<5		
	08/01/95	<5	<5	<5		
10/10/95	<1	<1	<1			
MW-53 UFZ	10/01/91	<5.0	<5.0	<5.0		
	01/07/92	6.8	<5.0	<5.0		
	04/01/92	9.8	<5.0	<5.0		
	07/21/92	14	<5.0	<5.0		
	09/22/92	16	<5.0	<5.0		
	01/14/93	21	<1	<1		
	04/13/93	23	<1	<1		
	07/26/93	33	<1	<1	0.109	
	10/04/93	30	<1	<1		
	12/02/93	32	<1	<1		
	01/17/94	38	<1	<1		
	04/04/94	34	0.6 J	<1		
	07/18/94	43	<2	<2		
	10/25/94	40	<5	<5	0.087	
	Bld. Dup.	10/25/94	38	<5	<5	0.086
		02/06/95	21	<5	<5	
		04/17/95	41	<5	<5	
07/31/95		42	<5	<5		
10/09/95		48	1	<1		

Well ID Flow Zone	Sample Date	TCE ug/L	1,1-DCE ug/L	1,1,1-TCA ug/L	Cr Total mg/L
MW-55 LLFZ	10/01/91	74	<5.0	<5.0	0.129
	01/07/92	96	<5.0	<5.0	
	04/01/92	120	<10	<10	
	07/20/92	130	<5.0	<5.0	
	09/22/92	120	<8.5	<8.5	
	01/13/93	190	<1	<1	
	04/12/93	110	<1	<1	
	07/26/93	240	<1	<1	
	10/04/93	310	2	<1	
	12/01/93	380	<10	<10	
	01/17/94	370	<10	<10	0.422
	04/04/94	390	<10	<10	
	07/18/94	550	<20	<20	
	10/24/94	580	5	<5	
	02/06/95	580	6	<5	
	04/17/95	640	8	<5	
07/31/95	680	8	<5	0.421	
10/09/95	130	<10	<1		
MW-56 ULFZ	10/01/91	210	<5.0		<5.0
	01/07/92	260	<10		<10
	04/01/92	290	<25		<25
	07/20/92	290	<12		<12
	09/22/92	240	<20		<20
	01/13/93	370	4		<1
	04/12/93	230	<2		<2
	07/26/93	320	9		<1
	10/04/93	430	7		<1
	11/30/93	410	<10		<10
	01/17/94	430	<10		<10
	04/04/94	370	8 J		<10
	07/18/94	370	10		<10
	10/24/94	420	9	<5	
	02/06/95	340	8 J	<25	
04/17/95	370	13	<5		
07/31/95	360	11	<5		
10/09/95	350	9	<4		

Well ID Flow Zone	Sample Date	TCE ug/L	1,1-DCE ug/L	1,1,1-TCA ug/L	Cr Total mg/L
MW-57 UFZ	06/13/91	<5.0	<5.0	<5.0	0.044
	12/01/93	<1	<1	<1	
	10/24/94	<5	<5	<5	0.020
	07/31/95	<5	<5	<5	
	10/10/95	<1	<1	<1	
MW-58 UFZ	10/01/91	31	<5.0	<5.0	
	01/08/92	34	<5.0	<5.0	
	04/01/92	37	<5.0	<5.0	
	07/20/92	37	<5.0	<5.0	
	09/24/92	39	<5.0	<5.0	
	01/14/93	48	<1	<1	
	04/13/93	43	<1	<1	
	07/26/93	62	<1	<1	0.165
	10/04/93	64	<1	<1	
	12/02/93	74	2	<1	
	01/17/94	85	2	<1	
	04/04/94	93	3	<1	
	07/18/94	110	4	1	
	10/26/94	97	3 J	<5	
	02/06/95	100	4 J	<5	
04/17/95	120	4 J	<5		
07/31/95	130	4 J	<5		
10/09/95	140	4	<4		
MW-60 ULFZ	10/01/91	<5.0	<5.0	<5.0	
	01/08/92	<5.0	<5.0	<5.0	
	04/01/92	<5.0	<5.0	<5.0	
	07/20/92	<5.0	<5.0	<5.0	
	09/24/92	<5.0	<5.0	<5.0	
	01/14/93	1	<1	<1	
	04/12/93	<1	<1	<1	
	07/27/93	4	<1	<1	<0.010
	10/05/93	2	<1	<1	
	11/30/93	7	<1	<1	
	01/17/94	3	<1	<1	
	04/04/94	6	<1	<1	
	07/18/94	9	<1	<1	
	10/24/94	24	<5	<5	<0.010
	02/06/95	16	<5	<5	
04/17/95	44	<5	<5		
07/31/95	66	3 J	<5		
10/09/95	100	4	<1		

Well ID Flow Zone	Sample Date	TCE ug/L	1,1-DCE ug/L	1,1,1-TCA ug/L	Cr Total mg/L
MW-61 UFZ	07/27/93	490	15	7	<0.010
	09/03/93	500	20	6	
	12/02/93	610	24	<20	
	01/18/94	530	18	<10	<0.010
	07/18/94	800	36	<25	
	10/25/94	870	32	8	
	02/09/95	960	52	11	
	04/17/95	1400	55	13	
	07/31/95	1700	70	17	
10/09/95	2000	54	20		
MW-62 UFZ	10/01/91	<5.0	8	10	<0.010
	01/08/92	<5.0	7.3	11	
	04/01/92	<5.0	7.2	10	
	07/20/92	<5.0	9.5	15	
	09/24/92	<5.0	8.3	11	
	01/13/93	2	6	9	
	04/12/93	2	6	9	
	07/26/93	3	18	14	
	10/04/93	3	9	10	
	12/06/93	3	8	10	
	01/17/94	2	8	9	
	04/04/94	2	8	10	
	07/19/94	3	15	13	
	10/27/94	2 J	8	9	
	02/09/95	2 J	10	9	
	04/17/95	2 J	8	8	
08/01/95	3 J	9	8		
10/09/95	2	7	7		
MW-64 ULFZ	06/14/91	<5	<5	<5	<0.010
	11/30/93	<1	<1	<1	<0.010
	10/24/94	10	<5	<5	
	02/06/95	11	<5	<5	
	04/18/95	18	<5	<5	
	07/31/95	17	<5	<5	
	10/09/95	8	<1	<1	

J=Estimated value, analyte concentration below detection limit.
Blanks indicate that the parameter was not analyzed.