SPARTON

SPARTON TECHNOLOGY

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DEC 1996
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December 10, 1996

Mr. Benito Garcia
Bureau Chief
HAZARDOUS AND RADIOACTIVE MATERIALS BUREAU
New Mexico Environment Department
PO Box 26110
Santa Fe, New Mexico 87505

Re: Fourth Quarter 1996 AGMP Report

Dear Mr. Garcia:

Enclosed is Sparton Technology's Ground Water Report for the Fourth Quarter 1996 as required by the Alternate Ground Water Monitoring Program. Included in the report are copies of the lab data sheets. MW-15 was not sampled as the well was dry. Ground water samples for AGMP wells were collected by Sparton Technology, Inc. and Metric Corp. personnel on October 4, 1996.

Also enclosed for your information are summary tables of historical analytical data for wells sampled on a regular basis.

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

Sincerely,
SPARTON TECHNOLOGY, INC.

Richard D. Mico
Vice President and General Manager

enclosure:

cc: (without enclosure)
Mr. J. Appel
Mr. J. Wakefield

006957

Sparton Technology, Inc. □ *4901 Rockaway Blvd., SE* □ *Rio Rancho, NM 87124-4469* □ *(505) 892-5300* □ *FAX (505) 892-5515*

SPARTON TECHNOLOGY, INC.

Date: 12-03-96
To: J. Appel, P. Chandler, R. Mico, G. Richardson
Re: 4th Quarter 1996 SGMP Results

From: J. Wakefield
File: MWSGMP.XLS
Page: 1 of 9

Well ID	Sample Date	TCE ug/L	1,1-DCE ug/L	1,1,1-TCA ug/L	Cr Total mg/L	Cr +6 mg/L
MW-32 LLFZ	01/12/93	830	130	74		
	04/14/93	1500	470	200		
	7/27/93	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		
	01/11/96	760	110	36	<0.01	
	04/23/96	2400	350	<250		<0.05
	07/16/96	400	77	19		
	10/04/96	690	150	40		
MW-36 UFZ	01/14/93	7	<1	<1		
	04/13/93	4	<1	<1		
	07/27/93	25	5	2	0.052	
	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		
	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		
	01/10/96	1.90	<0.2	<1.0	0.03	
	04/24/96	<5.0	<5.0	<5.0		
	07/16/96	2.40	<1.0	<1.0		
	10/03/96	<5	<5	<5		

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Well ID	Sample Date	TCE ug/L	1,1-DCE ug/L	1,1,1-TCA ug/L	Cr Total mg/L	Cr +6 mg/L
MW-37 UFZ	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		
	02/07/95	770	40	5		
	04/18/95	750	42	6		
	08/01/95	750	37	6		
	10/10/95	750	31	5		
	01/10/96	720	25	<10	<0.01	
	04/23/96	600	15	<50		<0.05
	07/16/96	560	<50	<50		
	10/03/96	760	30	<30		
MW-42 ULFZ	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		
	02/07/95	340	84	60		
	04/19/95	340	71	49		
	08/01/95	340	80	52		
	10/10/95	350	56	43		
	01/10/96	470	55	57	<0.01	
	04/24/96	250	64	39		
	07/16/96	330	72	42		
	10/03/96	460	80	50		

Well ID	Sample Date	TCE ug/L	1,1-DCE ug/L	1,1,1-TCA ug/L	Cr Total mg/L	Cr +6 mg/L
MW-43 LLFZ	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		
	02/07/95	79	28	23		
	04/19/95	98	32	24		
	08/01/95	100	27	26		
	10/10/95	110	25	28		
	01/10/96	95	23	29	<0.01	
	04/24/96	87	24	18		
	07/16/96	73	21	18		
	10/03/96	73	21	18		
MW-46 ULFZ	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		
	02/07/95	2600	120	65		
	04/18/95	2400	190	80		
	08/01/95	3000	130	76		
	10/10/95	3300	230	88		
	01/09/96	3200	220	96	0.19	
	04/23/96	2300	150	<250		0.19
	07/16/96	1900	180	60		
	10/03/96	2400	220	<100		

Well ID	Sample Date	TCE ug/L	1,1-DCE ug/L	1,1,1-TCA ug/L	Cr Total mg/L	Cr +6 mg/L
MW-48 UFZ	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		
	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		
	01/08/96	350	7.0	<1.0	0.13	
	04/22/96	150	6	<5		0.11
	07/15/96	130	5.40	<1.0		
	10/01/96	110	<5	<5		
MW-51 UFZ	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		
	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		
	01/11/96	<0.3	<0.2	<1.0	<0.01	
	04/23/96	<5.0	<5.0	<5.0		
	07/16/96	<1.0	<1.0	<1.0		
	10/02/96	<5	<5	<5		

Well ID	Sample Date	TCE ug/L	1,1-DCE ug/L	1,1,1-TCA ug/L	Cr Total mg/L	Cr +6 mg/L
MW-53	01/14/93	21	<1	<1		
UFZ	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		
	01/09/96	100	1.10	<1.0	0.06	
	04/22/96	36	2	<5		<0.05
	07/15/96	36	2.00	<1.0		
	10/01/96	36	<5	<5		
MW-55	01/13/93	190	<1	<1		
LLFZ	04/12/93	110	<1	<1		
	07/26/93	240	<1	<1	0.129	
	10/04/93	310	2	<1		
	12/01/93	380	<10	<10		
	01/17/94	370	<10	<10		
	04/04/94	390	<10	<10		
	07/18/94	550	<20	<20		
	10/24/94	580	5	<5	0.422	0.50
	02/06/95	580	6	<5		
	04/17/95	640	8	<5		
	07/31/95	680	8	<5		
	10/09/95	130	<10	<1		
	01/08/96	940	8.40	<1.0	1.04	
	04/22/96	790	<25	<130		0.80
	07/15/96	510	<25	<25		
	10/01/96	640	<30	<30		

Well ID	Sample Date	TCE ug/L	1,1-DCE ug/L	1,1,1-TCA ug/L	Cr Total mg/L	Cr +6 mg/L
MW-56	01/13/93	370	4	<1		
ULFZ	04/12/93	230	<2	<2		
	07/26/93	320	9	<1	0.421	
	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	0.391	
	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		
	01/08/96	430	11	<1.0	0.26	
	04/22/96	330	<10	<50		0.18
	07/15/96	240	<10	<10		
	10/01/96	310	<30	<30		
MW-57	08/31/90	<1				
UFZ	06/13/91	<5	<5	<5	0.044	
	12/01/93	<1	<1	<1		
	10/24/94	<5	<5	<5	0.020	<0.02
	07/31/95	<5	<5	<5		
	10/10/95	<1	<1	<1		
	01/10/96	<0.3	<0.2	<1.0	0.02	
	04/23/96	<1	<1	<5		<0.05
	07/16/96	<1	<1	<1		
	10/03/96	<5	<5	<5		

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Well ID	Sample Date	TCE ug/L	1,1-DCE ug/L	1,1,1-TCA ug/L	Cr Total mg/L	Cr +6 mg/L
MW-58	01/14/93	48	<1	<1		
UFZ	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		
	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		
	01/08/96	270	3.40	<1.0	0.15	
	04/23/96	110	<5.0	<5.0		
	07/15/96	130	5.40	<1.0		
	10/01/96	140	5	<5		
MW-60	01/14/93	1	<1	<1		
ULFZ	04/12/93	<1	<1	<1		
	07/27/93	4	<1	<1	<0.01	
	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	<0.01	<0.02
	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		
	01/08/96	170	4.80	<1.0	<0.01	
	04/22/96	150	8	<5		<0.05
	07/15/96	130	6.50	<1.0		
	10/01/96	640 *1	16	<5		
	10/30/96	630	24	<5.0		

Well ID	Sample Date	TCE ug/L	1,1-DCE ug/L	1,1,1-TCA ug/L	Cr Total mg/L	Cr +6 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		
	07/18/94	800	36	<25		
	10/25/94	870	32	8	<0.010	<0.02
	02/09/95	960	52	11		
	04/17/95	1400	55	13		
	07/31/95	1700	70	17		
	10/09/95	2000	54	20		
	01/08/96	1900	34	13	0.04	
	04/22/96	1100	<50	<250		<0.05
	07/15/96	760	35.00	<25		
	10/03/96	1000	<50	<50		
MW-62 UFZ	01/13/93	2	6	9		
	04/12/93	2	6	9		
	07/26/93	3	18	14	<0.010	
	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		
	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		
	01/09/96	1.80	7.00	7.20	<0.01	
	04/24/96	<5.0	5.30	<5.0		
	07/16/96	1.70	7.20	6.50		
	10/01/96	<5	7	6		

Well ID	Sample Date	TCE ug/L	1,1-DCE ug/L	1,1,1-TCA ug/L	Cr Total mg/L	Cr +6 mg/L
MW-64	10/08/90	<5	<5	<5	<0.010	
ULFZ	10/15/90	<5	<5	<5	<0.010	
	06/14/91	<5	<5	<5	<0.010	
	11/30/93	<1	<1	<1		
	10/24/94	10	<5	<5	<0.010	<0.02
	02/06/95	11	<5	<5		
	04/18/95	18	<5	<5		
	07/31/95	17	<5	<5		
	10/09/95	8	<1	<1		
	01/10/96	15	0.60	<1	<0.01	
	04/24/96	25	<5.0	<5.0		
	07/15/96	32	<1.0	<1.0		
	10/01/96	29	<5	<5		
MW-65	07/18/96	1.50	<1.0	<1.0	0.02	
LLFZ	10/02/96	8	<5	<5		
	10/30/96	9.3	<1.0	<1.0		
MW-66	06/27/96	<1.0	<1.0	<1.0		
LLFZ	07/18/96	<1.0	<1.0	<1.0	<0.01	
	10/03/96	<5	<5	<5		
MW-67	07/26/96	<1.0	<1.0	<1.0	<0.01	
3rdFZ	10/02/96	<5	<5	<5		
MW-68	07/18/96	<1.0	<1.0	<1.0	<0.01	
UFZ	10/02/96	<5	<5	<5		
MW-69	07/26/96	<1.0	<1.0	<1.0	<0.01	
LLFZ	10/02/96	<5	<5	<5		

* MW-60 reanalysis at higher dilution outside hold time, results agree with lower dilution run.
J=Estimated value, analyte concentration below detection limit.
Blanks indicate that the parameter was not analyzed.

SPARTON TECHNOLOGY, INC.

Date: 10-29-96
To: J. Appel, P. Chandler, R. Mico, G. Richardson
Re: 4th Quarter 1996 AGMP Results

From: J. Wakefield
File: MWAGMP.XLS
Page: 1 of 4

Well ID	ample Dat	TCE ug/L	1,1-DCE ug/L	1,1,1-TCA ug/L	Cr Total mg/L	Cr +6 mg/L
MW-9 UFZ	01/11/93	690	71	200		
	04/14/93	820	69	190		
	07/29/93	730	42	110		
	10/06/93	680	35	84		
	11/29/93	680	35	110		
	01/19/94	790	34	120		
	04/06/94	740	22	71		
	07/20/94	750	50	91	<0.010	<0.02
	10/27/94	750	51	97		
	01/08/95	850	57	120		
	04/19/94	790	39	91		
	08/01/95	490	43	52	<0.01	<0.05
	10/11/95	650	30	71		
	01/16/96	570	25	82	<0.01	
	04/24/96	710	46	91		
	07/17/96	460	49	51	<0.01	<0.01
	10/07/96	540	48	63		
MW-14 UFZ	01/11/93	850	42	20		
	04/14/93	850	41	19		
	07/29/93	720	31	14		
	10/06/93	700	31	16		
	11/29/93	640	31	14		
	01/19/94	680	27	6.30		
	04/06/94	730	19	13		
	07/20/94	730	34	<25	0.573	0.60
	10/27/94	700	50	16		
	02/08/95	690	33	12		
	04/19/95	1000	17	10		
	08/01/95	470	29	9	1	0.91
	10/10/95	470	18	11		
	01/12/96	290	4.60	5.80	1.53	
	04/24/96	420	16	6.70		
	07/17/96	300	19	5.50	1.30	1.24
	10/07/96	490	19	7.9		

Well ID	Sample Date	TCE ug/L	1,1-DCE ug/L	1,1,1-TCA ug/L	Cr Total mg/L	Cr +6 mg/L
MW-15 UFZ	01/12/93	52	5	16		
	04/15/93	1.90	<0.2	<0.2		
	07/27/93	56	3	23	<0.010	
	10/06/93	44	2.70	18		
	12/07/93	39	2	14		
	01/19/94	36	1.80	14		
	04/06/94	DRY	DRY	DRY		
	07/20/94	52	2	15	<0.010	<0.02
	10/28/94	31	0.80	11		
	02/08/95	45	2	13		
	04/20/95	DRY	DRY	DRY		
	08/02/95	21	1 J	7	<0.01	<0.05
	10/11/95	15	<0.2	2.40		
	01/17/96	DRY	DRY	DRY		
	04/24/96	DRY	DRY	DRY		
	07/17/96	DRY	DRY	DRY	DRY	DRY
	10/07/96	DRY	DRY	DRY		
MW-16 UFZ	01/11/93	13000	400	5900		
	04/14/93	12000	470	5900		
	07/29/93	11000	310	4200		
	10/06/93	13000	360	6200		
	11/29/93	13000	360	5100		
	01/19/94	12000	360	4400		
	04/06/94	11000	190	3200		
	07/20/94	11000	230	3700	0.376	0.40
	10/28/94	11000	280	4000		
	02/08/95	8700	340	3100		
	04/21/95	7100	200	2100		
	08/01/95	9100	280	2700		
	10/11/95	7400	140	2200	0.57	0.52
	01/16/96	7600	93	1900	0.19	
	04/25/96	9700	110	1200		
	07/17/96	7400	170	1800	0.13	0.11
	10/07/96	8300	200	2100		

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Well ID	Sample Date	TCE ug/L	1,1-DCE ug/L	1,1,1-TCA ug/L	Cr Total mg/L	Cr +6 mg/L
MW-19	01/11/93	57	3	2		
ULFZ	04/15/93	110	11	0.80		
	07/29/93	62	3	1	<0.02	<0.02
	10/06/93	45	2.60	<0.2		
	11/29/93	39	2	<1		
	01/19/94	48	2.40	<0.2		
	04/06/94	81	2.80	0.80		
	07/20/94	61	<4	<4	<0.01	<0.05
	10/27/94	47	2.50	1.10		
	02/08/95	72	4	2		
	04/19/95	92	3.10	<1		
	08/02/95	39	3 J	1 J	<0.01	<0.05
	10/11/95	48	1.70	1.30		
	01/17/96	24	0.70	<1.0	<0.01	
	04/24/96	88	1.50	<1.0		
	07/17/96	11	1.10	<1.0	<0.01	<0.05
	10/07/96	8.0	0.5	<1.0		
MW-20	01/11/93	3	<1	<1		
LLFZ	04/15/93	31	1.60	13		
	07/29/93	7	<1	<1	<0.02	<0.02
	10/06/93	23	1.10	1.00		
	12/02/93	6	<1	<1		
	01/19/94	1.10	<0.2	<0.2		
	04/06/94	0.20	<0.2	<0.2		
	07/20/94	8	<1	<1	<0.010	<0.02
	10/27/94	44	1.10	1.40		
	02/08/95	5	<1	<1		
	04/19/95	0.20	<0.2	<1		
	08/02/95	11	<5	<5		
	10/11/95	26	1.20	2.10	<0.01	<0.05
	01/17/96	1.30	<0.2	<1.0	<0.01	
	04/24/96	0.40	<0.2	<1.0		
	07/17/96	<1.0	<1.0	<1.0	<0.01	<0.05
	10/07/96	0.4	<0.2	<1.0		

006969

Well ID	Sample Date	TCE ug/L	1,1-DCE ug/L	1,1,1-TCA ug/L	Cr Total mg/L	Cr +6 mg/L
MW-21	01/11/93	430	38	330		
	04/14/93	240	21	190		UFZ
	07/29/93	350	17	210	<0.02	<0.02
	10/06/93	480	30	330		
	11/29/93	490	33	290		
	07/20/94	380	23	240		
	07/20/94	280	11	150		
	07/20/94	210	17	110	<0.010	<0.02
	10/27/94	360	32	210		
	02/08/95	270	19	140		
	04/19/95	160	6.00	70		
	08/02/95	200	13	92	<0.01	<0.05
	10/10/95	280	12	120		
	01/12/96	220	10	95	<0.01	
	04/24/96	140	5.60	65		
	07/17/96	180	11	72	<0.01	<0.05
	10/07/96	150	6.4	48		
MW-22 UFZ	01/11/93	51	26	75		
	04/15/93	55	22	68		
	07/29/93	47	13	47	<0.02	<0.02
	10/06/93	41	22	51		
	12/07/93	41	20	51		
	01/19/94	50	22	57		
	04/06/94	62	14	52		
	07/20/94	44	18	50	<0.010	<0.02
	10/28/94	45	16	31		
	02/08/95	72	20	54		
	04/21/95	100	10	48		
	08/02/95	32	8	23	<0.01	<0.05
	10/11/95	34	6.90	23		
	01/16/96	46	6.20	29	<0.01	
	04/25/96	81	9.20	43		
	07/17/96	43	9.00	26	<0.01	<0.05
	10/07/96	33	8.0	22		

American Environmental Network, Inc

AGMP- 4Q 1996
PZ-2 = Field Blank
MW-15 Dup

AEN I.D. 610317

October 25, 1996

SPARTON TECHNOLOGY, INC.
9621 COORS ROAD, NW
ALBUQUERQUE, NM 87114

Project Name AGMP-4Q96
Project Number 100496

Attention: JOHN M. WAKEFIELD

On 10/4/96 American Environmental Network (NM), Inc. (ADHS License No. AZ0015), received a request to analyze **aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

EPA method 601/602 and 150.1 (pH) was performed by American Environmental Network (NM) Inc., Albuquerque, NM.

All other analyses were performed by American Environmental Network (FL) Inc., 11 East Olive Road, Pensacola, FL.

If you have any questions or comments, please do not hesitate to contact us at (505)344-3777.

Kimberly D. McNeill
Project Manager

H. Mitchell Rubenstein, Ph. D.
General Manager

MR: mt

Enclosure

00697

2709-D Pan American Freeway, NE • Albuquerque, NM 87107 • (505) 344-3777 • Fax (602) 344-4413

American Environmental Network, Inc.

CLIENT	: SPARTON TECHNOLOGY, INC.	AEN I.D.	: 610317
PROJECT #	: 100496	DATE RECEIVED	: 10/4/96
PROJECT NAME	: AGMP-4Q96	REPORT DATE	: 10/25/96

AEN ID. #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	TRIP BLANK	AQUEOUS	9/26/96
02	MW-19	AQUEOUS	10/4/96
03	MW-20	AQUEOUS	10/4/96
04	PZ-2	AQUEOUS	10/4/96
05	MW-14	AQUEOUS	10/4/96
06	MW-9	AQUEOUS	10/4/96
07	MW-22	AQUEOUS	10/4/96
08	MW-21	AQUEOUS	10/4/96
09	MW-16	AQUEOUS	10/4/96

006972

American Environmental Network, Inc.

Client: **SPARTON**

AEN Accession number: **610317**

Method	Test	Date(s) Analyzed	Detection Limits	Analyst Initials
9050	Electrical Conductivity	10/14/96	1 UMH/CM	ED
415.2	Total Organic Carbon	10/15/96	1 mg/L	DWB
9020	Total Organic Halide	10/15/96 10/16/96 10/21/96	0.01 mg/L 1 mg/L (sample 09)	KL
150.1	pH	10/4/96	N/A	JE
8010	Purgeable Halocarbons	10/7/96 10/8/96 10/9/96	See appended pages	JE

006973

American Environmental Network, Inc.

GAS CHROMOTOGRAPHY DETECTION LIMITS

TEST : PURGEABLE HALOCARBONS (EPA 8010)
CLIENT : SPARTON TECHNOLOGY, INC. AEN I.D.: 610317
PROJECT # : 100496
PROJECT NAME : AGMP-4Q96

PARAMETER	UNITS	DET. LIMIT 1X	DET. LIMIT 25X	DET. LIMIT 100X	DET. LIMIT 1000X
BROMODICHLORMETHANE	UG/L	0.2	5.0	20	200
BROMOFORM	UG/L	0.5	13	50	500
BROMOMETHANE	UG/L	1.0	25	100	1000
CARBON TETRACHLORIDE	UG/L	0.2	5.0	20	200
CHLOROBENZENE	UG/L	0.5	13	50	500
CHLOROETHANE	UG/L	0.5	13	50	500
CHLOROFORM	UG/L	0.5	13	50	500
CHLOROMETHANE	UG/L	1.0	25	100	1000
DIBROMOCHLOROMETHANE	UG/L	0.2	5.0	20	200
1,2-DIBROMOETHANE (EDB)	UG/L	0.2	5.0	20	200
1,2-DICHLOROBENZENE	UG/L	0.5	13	50	500
1,3-DICHLOROBENZENE	UG/L	0.5	13	50	500
1,4-DICHLOROBENZENE	UG/L	0.5	13	50	500
1,1-DICHLOROETHANE	UG/L	0.3	7.5	30	300
1,2-DICHLOROETHANE (EDC)	UG/L	0.5	13	50	500
1,1-DICHLOROETHENE	UG/L	0.2	5.0	20	200
cis-1,2-DICHLOROETHENE	UG/L	0.2	5.0	20	200
trans-1,2-DICHLOROETHENE	UG/L	1.0	25	100	1000
1,2-DICHLOROPROPANE	UG/L	0.2	5.0	20	200
cis-1,3-DICHLOROPROPENE	UG/L	0.2	5.0	20	200
trans-1,3-DICHLOROPROPENE	UG/L	0.2	5.0	20	200
METHYLENE CHLORIDE	UG/L	2.0	50	200	2000
1,1,2,2-TETRACHLOROETHANE	UG/L	0.5	13	50	500
TETRACHLOROETHENE	UG/L	0.5	13	50	500
1,1,1-TRICHLOROETHANE	UG/L	1.0	25	100	1000
1,1,2-TRICHLOROETHANE	UG/L	0.2	5.0	20	200
TRICHLOROETHENE	UG/L	0.3	7.5	30	300
TRICHLOROFLUOROMETHANE	UG/L	0.2	5.0	20	200
VINYL CHLORIDE	UG/L	0.5	13	50	500

006974

American Environmental Network, Inc.

GENERAL CHEMISTRY RESULTS

CLIENT	: SPARTON TECHNOLOGY	AEN I.D.	: 610317
PROJECT #	: 100496	DATE RECEIVED	: 10/4/96
PROJECT NAME	: AGMP-4Q96		

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE ANALYZED
01	TRIP BLANK	AQUEOUS	9/26/96	10/4/96
02	MW-19	AQUEOUS	10/4/96	10/4/96
03	MW-20	AQUEOUS	10/4/96	10/4/96

PARAMETER	UNITS	01	02	03
PH (150.1)	UNITS	7.36	7.36	7.43

CHEMIST NOTES:
N/A

006975

American Environmental Network, Inc.

GENERAL CHEMISTRY RESULTS

CLIENT	: SPARTON TECHNOLOGY	AEN I.D.	: 610317
PROJECT #	: 100496	DATE RECEIVED	: 10/4/96
PROJECT NAME	: AGMP-4Q96		

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE ANALYZED
04	PZ-2	AQUEOUS	10/4/96	10/4/96
05	MW-14	AQUEOUS	10/4/96	10/4/96
06	MW-9	AQUEOUS	10/4/96	10/4/96

PARAMETER	UNITS	04	05	06
PH (150.1)	UNITS	8.85	7.95	7.71

CHEMIST NOTES:
N/A

006976

American Environmental Network, Inc.

GENERAL CHEMISTRY RESULTS

CLIENT	: SPARTON TECHNOLOGY	AEN I.D.	: 610317
PROJECT #	: 100496	DATE RECEIVED	: 10/4/96
PROJECT NAME	: AGMP-4Q96		

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE ANALYZED
07	MW-22	AQUEOUS	10/4/96	10/4/96
08	MW-21	AQUEOUS	10/4/96	10/4/96
09	MW-16	AQUEOUS	10/4/96	10/4/96

PARAMETER	UNITS	07	08	09
PH (150.1)	UNITS	7.55	7.72	7.85

CHEMIST NOTES:
N/A

006977

American Environmental Network, Inc.

GENERAL CHEMISTRY - QUALITY CONTROL

CLIENT	: SPARTON TECHNOLOGY	AEN I.D.	: 610317
PROJECT #	: 100496	SAMPLE MATRIX	: AQUEOUS
PROJECT NAME	: AGMP-4Q96		

PARAMETER	UNITS	AEN I.D.	SAMPLE RESULT	DUP. RESULT	% RPD
PH	UNITS	610317-02	7.36	7.53	2

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

006978

American Environmental Network, Inc.

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 610171
Client: AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number: 610317
Project Name: SPARTON
Project Location: A6MP-4Q96
Test: Group of Single Wetchem
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 610317-01			Lab ID: 001		
CONDUCTIVITY (120.1/2510 B)	UMH/CM	2	1	CDW040	
Comments:					
Client ID: 610317-02			Lab ID: 002		
CONDUCTIVITY (120.1/2510 B)	UMH/CM	740	1	CDW040	
Comments:					
Client ID: 610317-03			Lab ID: 003		
CONDUCTIVITY (120.1/2510 B)	UMH/CM	660	1	CDW040	
Comments:					
Client ID: 610317-04			Lab ID: 004		
CONDUCTIVITY (120.1/2510 B)	UMH/CM	5	1	CDW040	
Comments:					
Client ID: 610317-05			Lab ID: 005		
CONDUCTIVITY (120.1/2510 B)	UMH/CM	730	1	CDW040	
Comments:					
Client ID: 610317-06			Lab ID: 006		
CONDUCTIVITY (120.1/2510 B)	UMH/CM	730	1	CDW040	
Comments:					
Client ID: 610317-07			Lab ID: 007		
CONDUCTIVITY (120.1/2510 B)	UMH/CM	720	1	CDW040	
Comments:					

American Environmental Network, Inc.

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 610171
Client: AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number: 610317
Project Name: SPARTON
Project Location: A6MP-4Q96
Test: Group of Single Wetchem
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 610317-08			Lab ID: 008		
CONDUCTIVITY (120.1/2510 B)	UMH/CM	610	1	CDW040	
Comments:					
Client ID: 610317-09			Lab ID: 009		
CONDUCTIVITY (120.1/2510 B)	UMH/CM	1100	1	CDW040	
Comments:					

American Environmental Network, Inc.

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 610171
Client: AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number: 610317
Project Name: SPARTON
Project Location: A6MP-4Q96
Test: Group of Single Wetchem

Client ID:	Lab ID:	Matrix:	Date/Time Sampled:	Date Received:
610317-01	001	WATER	26-SEP-96 0825	05-OCT-96
610317-02	002	WATER	04-OCT-96 0923	05-OCT-96
610317-03	003	WATER	04-OCT-96 0938	05-OCT-96
610317-04	004	WATER	04-OCT-96 0902	05-OCT-96
610317-05	005	WATER	04-OCT-96 1030	05-OCT-96
610317-06	006	WATER	04-OCT-96 1024	05-OCT-96
610317-07	007	WATER	04-OCT-96 1145	05-OCT-96
610317-08	008	WATER	04-OCT-96 1247	05-OCT-96
610317-09	009	WATER	04-OCT-96 1415	05-OCT-96

American Environmental Network, Inc.

"Method Report Summary"

Accession Number: 610171
Client: AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number: 610317
Project Name: SPARTON
Project Location: A6MP-4Q96
Test: Group of Single Wetchem

Client Sample Id:	Parameter:	Unit:	Result:
610317-01	CONDUCTIVITY (120.1/2510 B)	UMH/CM	2
610317-02	CONDUCTIVITY (120.1/2510 B)	UMH/CM	740
610317-03	CONDUCTIVITY (120.1/2510 B)	UMH/CM	660
610317-04	CONDUCTIVITY (120.1/2510 B)	UMH/CM	5
610317-05	CONDUCTIVITY (120.1/2510 B)	UMH/CM	730
610317-06	CONDUCTIVITY (120.1/2510 B)	UMH/CM	730
610317-07	CONDUCTIVITY (120.1/2510 B)	UMH/CM	720
610317-08	CONDUCTIVITY (120.1/2510 B)	UMH/CM	610
610317-09	CONDUCTIVITY (120.1/2510 B)	UMH/CM	1100

American Environmental Network, Inc.

"WetChem Quality Control Report"

Parameter:	CONDUCT'Y
Batch Id:	CDW040
Blank Result:	<1
Anal. Method:	120.1
Prep. Method:	N/A
Analysis Date:	14-OCT-96
Prep. Date:	14-OCT-96

Sample Duplication

Sample Dup:	610171-9
Rept Limit:	<1
Sample Result:	1100
Dup Result:	1098
Sample RPD:	0
Max RPD:	4
Dry Weight%	N/A

Matrix Spike

Sample Spiked:	610171-9
Rept Limit:	<1
Sample Result:	
Spiked Result:	
Spike Added:	
% Recovery:	
% Rec Limits:	
Dry Weight%	

ICV

ICV Result:	1438
True Result:	1413
% Recovery:	102
% Rec Limits:	90-110

LCS

LCS Result:	304
True Result:	303
% Recovery:	100
% Rec Limits:	84-110

----- Common Footnotes WetChem -----

N/A = NOT APPLICABLE.
N/S = NOT SUBMITTED.
N/C = SAMPLE AND DUPLICATE RESULTS ARE AT OR BELOW AEN REPORTING LIMIT; THEREFORE, THE RPD IS "NOT CALCULABLE" AND NO CONTROL LIMITS APPLY.
N/D = NOT DETECTED.
DISS. OR D = DISSOLVED
T & D = TOTAL AND DISSOLVED
R = REACTIVE
T = TOTAL
G = SAMPLE AND/OR DUPLICATE RESULT IS BELOW 5 X AEN REPORTING LIMIT AND THE ABSOLUTE DIFFERENCE BETWEEN THE SAMPLE AND DUPLICATE RESULT IS AT OR BELOW AEN REPORTING LIMIT; THEREFORE, THE RESULTS ARE "IN CONTROL".
Q = THE ANALYTICAL (POST-DISTILLATION) SPIKE IS REPORTED DUE TO PERCENT RECOVERY BEING OUTSIDE ACCEPTANCE LIMITS ON THE MATRIX (PRE-DISTILLATION) SPIKE.
# = ELEVATED REPORTING LIMIT DUE TO INSUFFICIENT SAMPLE.
+ = ELEVATED REPORTING LIMIT DUE TO DILUTION INTO CALIBRATION RANGE.
* = ELEVATED REPORTING LIMIT DUE TO MATRIX INTERFERENCE. (DILUTION PRIOR TO ANALYSIS)
@ = ADJUSTED REPORTING LIMIT DUE TO SAMPLE MATRIX. (DILUTION PRIOR TO DIGESTION)
P = ANALYTICAL (POST DIGESTION) SPIKE.
I = DUPLICATE INJECTION.
& = AUTOMATED
F = SAMPLE SPIKED > 4 X SPIKE CONCENTRATION.
N/C+ = NOT CALCULABLE
N/C* = NOT CALCULABLE; SAMPLE SPIKED > 4 X SPIKE CONCENTRATION.
H = SAMPLE AND/OR DUPLICATE RESULT IS BELOW 5 X AEN REPORTING LIMIT AND THE ABSOLUTE DIFFERENCE BETWEEN THE RESULTS EXCEEDS THE AEN REPORTING LIMIT; THEREFORE, THE RESULTS ARE "OUT OF CONTROL".
A = SAMPLE AND DUPLICATE RESULTS ARE "OUT OF CONTROL".
Z = THE SAMPLE RESULT FOR THE SPIKE IS BELOW THE REPORTING LIMIT. HOWEVER, THIS RESULT IS REPORTED FOR ACCURATE QC CALCULATIONS.
NH= SAMPLE AND / OR DUPLICATE RESULT IS BELOW 5 X AEN REPORTING LIMIT AND THE ABSOLUTE DIFFERENCE BETWEEN THE RESULTS EXCEEDS THE AEN REPORTING LIMIT; THEREFORE, THE RESULTS ARE "OUT OF CONTROL". SAMPLE IS NON-HOMOGENEOUS.
(*) = DETECTION LIMITS RAISED DUE TO CLP METHOD NOT REQUIRING A CONCENTRATION STEP FOR CN.
(CA) = SEE CORRECTIVE ACTIONS FORM.
**= MATRIX INTERFERENCE
SW-846, 3rd Edition, latest revision
EPA 600/4-79-020, Revised March 1983.
STANDARD METHODS, For the Examination of Water and Wastewater, 18TH ED., 1992
NIOSH Manual of Analytical Methods, 4th Edition.
ANNUAL BOOK OF ASTM STANDARDS, VOLUME 11.01, 1991.
METHODS FOR THE DETERMINATION OF INORGANIC SUBSTANCES IN ENVIRONMENTAL SAMPLES, EPA600/R-93/100, AUGUST 1993

1. COLIFORM. COLIFORM PRECISION IS MEASURED BY THE ABSOLUTE DIFFERENCE BETWEEN THE LOGARITHM OF COLONIES PER 100 MLS OF SAMPLE ON DUPLICATE PLATES.
2. PH. PH PRECISION IS MEASURED BY THE ABSOLUTE DIFFERENCE BETWEEN THE SAMPLE AND DUPLICATE ANALYSIS.
3. FLASHPOINT. FLASHPOINT PRECISION IS MEASURED BY THE ABSOLUTE DIFFERENCE BETWEEN THE SAMPLE AND DUPLICATE ANALYSIS. IF FLASHPOINT IS LESS THAN 25 DEGREES CELSIUS, THE DETECTION LIMIT BECOMES THE INITIAL STARTING TEMPERATURE.

RPD = RELATIVE PERCENT DIFFERENCE (OR DEVIATION).

RPT LIMIT = REPORTING LIMITS BASED ON METHOD DETECTION LIMIT STUDIES.

DPH = DOLLY P. HWANG	SG = SCOTT GRESHAM	RB = REBECCA BROWN
JL = JAN LECLEAR	NSB = NANCY S. BUTLER	MM = MIKE MCKENZIE
MB = MICHELLE BOTTS	ED = ESTHER DANTIN	AB = ANDY BROTHERTON
PLD = PAULA L. DOUGHTY	RH = RICKY HAGENDORFER	BH = BARRY HICKS

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	610171
Client:	AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number:	610317
Project Name:	SPARTON
Project Location:	A6MP-4Q96
Test:	TOTAL ORGANIC CARBON
Analysis Method:	415.1/EPA-600/4-79-020, March 1983.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	II

Lab Id:	001	Sample Date/Time:	26-SEP-96 0825
Client Sample Id:	610317-01	Received Date:	05-OCT-96
Batch: TOW089		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	15-OCT-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC CARBON	MG/L	ND	1	
ANALYST	INITIALS	DWB		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	610171
Client:	AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number:	610317
Project Name:	SPARTON
Project Location:	A6MP-4Q96
Test:	TOTAL ORGANIC CARBON
Analysis Method:	415.1/EPA-600/4-79-020, March 1983.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	II

Lab Id:	002	Sample Date/Time:	04-OCT-96 0923
Client Sample Id:	610317-02	Received Date:	05-OCT-96
Batch: TOW089		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	15-OCT-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC CARBON	MG/L	ND	1	
ANALYST	INITIALS	DWB		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	610171
Client:	AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number:	610317
Project Name:	SPARTON
Project Location:	A6MP-4Q96
Test:	TOTAL ORGANIC CARBON
Analysis Method:	415.1/EPA-600/4-79-020, March 1983.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	II

Lab Id:	003	Sample Date/Time:	04-OCT-96 0938
Client Sample Id:	610317-03	Received Date:	05-OCT-96
Batch: TOW089		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	15-OCT-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC CARBON	MG/L	1	1	
ANALYST	INITIALS	DWB		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	610171
Client:	AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number:	610317
Project Name:	SPARTON
Project Location:	A6MP-4Q96
Test:	TOTAL ORGANIC CARBON
Analysis Method:	415.1/EPA-600/4-79-020, March 1983.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	II

Lab Id:	004	Sample Date/Time:	04-OCT-96 0902
Client Sample Id:	610317-04	Received Date:	05-OCT-96
Batch: TOW089		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	15-OCT-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC CARBON	MG/L	ND	1	
ANALYST	INITIALS	DWB		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	610171
Client:	AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number:	610317
Project Name:	SPARTON
Project Location:	A6MP-4Q96
Test:	TOTAL ORGANIC CARBON
Analysis Method:	415.1/EPA-600/4-79-020, March 1983.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	II

Lab Id:	005	Sample Date/Time:	04-OCT-96 1030
Client Sample Id:	610317-05	Received Date:	05-OCT-96
Batch: TOW089		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	15-OCT-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC CARBON	MG/L	2	1	
ANALYST	INITIALS	DWB		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	610171
Client:	AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number:	610317
Project Name:	SPARTON
Project Location:	A6MP-4Q96
Test:	TOTAL ORGANIC CARBON
Analysis Method:	415.1/EPA-600/4-79-020, March 1983.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	II

Lab Id:	006	Sample Date/Time:	04-OCT-96 1024
Client Sample Id:	610317-06	Received Date:	05-OCT-96
Batch: TOW089		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	15-OCT-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC CARBON	MG/L	2	1	
ANALYST	INITIALS	DWB		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	610171
Client:	AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number:	610317
Project Name:	SPARTON
Project Location:	A6MP-4Q96
Test:	TOTAL ORGANIC CARBON
Analysis Method:	415.1/EPA-600/4-79-020, March 1983.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	II

Lab Id:	007	Sample Date/Time:	04-OCT-96 1145
Client Sample Id:	610317-07	Received Date:	05-OCT-96
Batch: TOW089		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	15-OCT-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC CARBON	MG/L	ND	1	
ANALYST	INITIALS	DWB		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	610171
Client:	AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number:	610317
Project Name:	SPARTON
Project Location:	A6MP-4Q96
Test:	TOTAL ORGANIC CARBON
Analysis Method:	415.1/EPA-600/4-79-020, March 1983.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	II

Lab Id:	008	Sample Date/Time:	04-OCT-96 1247
Client Sample Id:	610317-08	Received Date:	05-OCT-96
Batch: TOW089		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	15-OCT-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC CARBON	MG/L	ND	1	
ANALYST	INITIALS	DWB		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	610171
Client:	AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number:	610317
Project Name:	SPARTON
Project Location:	A6MP-4Q96
Test:	TOTAL ORGANIC CARBON
Analysis Method:	415.1/EPA-600/4-79-020, March 1983.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	II

Lab Id:	009	Sample Date/Time:	04-OCT-96 1415
Client Sample Id:	610317-09	Received Date:	05-OCT-96
Batch: TOW089		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	15-OCT-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC CARBON	MG/L	2	1	
ANALYST	INITIALS	DWB		

Comments:

American Environmental Network, Inc.

"Method Report Summary"

Accession Number: 610171
Client: AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number: 610317
Project Name: SPARTON
Project Location: A6MP-4Q96
Test: TOTAL ORGANIC CARBON

Client Sample Id:	Parameter:	Unit:	Result:
610317-03	TOTAL ORGANIC CARBON	MG/L	1
610317-05	TOTAL ORGANIC CARBON	MG/L	2
610317-06	TOTAL ORGANIC CARBON	MG/L	2
610317-09	TOTAL ORGANIC CARBON	MG/L	2

American Environmental Network, Inc.

"QC Report"

Title: Water Blank
Batch: TOW089
Analysis Method: 415.1/EPA-600/4-79-020, March 1983.
Extraction Method: N/A

Blank Id: A Date Analyzed: 15-OCT-96 Date Extracted: N/A

Parameters:	Units:	Results:	Reporting Limits:
TOTAL ORGANIC CARBON	MG/L	ND	1
ANALYST	INITIALS	DWB	

Comments:

American Environmental Network, Inc.

"QC Report"

Title: Water Reagent
Batch: TOW089
Analysis Method: 415.1/EPA-600/4-79-020, March 1983.
Extraction Method: N/A

RS Date Analyzed: 15-OCT-96
RSD Date Analyzed: 15-OCT-96

RS Date Extracted: N/A
RSD Date Extracted: N/A

Parameters:	Spike Added	Sample Conc	RS Conc	RS %Rec	RSD Conc	RSD %Rec	RPD	RPD Lmts	Rec Lmts
TOC	6.7	<1	6.2	93	6.5	97	4	30	71-127

Surrogates:

Comments:

Notes:
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American Environmental Network, Inc.

"QC Report"

Title: Water Matrix
Batch: TOW089
Analysis Method: 415.1/EPA-600/4-79-020, March 1983.
Extraction Method: N/A

Dry Weight %: N/A
Sample Spiked: 610171-6

MS Date Analyzed: 15-OCT-96
MSD Date Analyzed: 15-OCT-96

MS Date Extracted: N/A
MSD Date Extracted: N/A

Parameters:	Spike Added	Sample Conc	MS Conc	MS %Rec	MSD Conc	MSD %Rec	RPD	RPD Lmts	Rec Lmts
TOC	6.7	2	8.3	94	9.8	116	21	30	51-135

Surrogates:

Comments:

Notes:
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MG/M3 = MILLIGRAM PER CUBIC METER.
PPMV = PART PER MILLION BY VOLUME.
MG/KG = PARTS PER MILLION.
MG/L = PARTS PER MILLION.
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AEN/GC/FID
AEN GAS CHROMATOGRAPHIC METHOD EMPLOYING DIRECT INJECTION ON COLUMN WITH FLAME IONIZATION DETECTOR (FID).

AEN/GC/FIX
AEN GAS CHROMATOGRAPHIC METHOD FOR ANALYSIS OF FIXED GASES EMPLOYING DIRECT INJECTION ON COLUMN WITH THERMAL CONDUCTIVITY DETECTOR (TCD) AND FLAME IONIZATION DETECTOR (FID).

AEN/GC/FPD
AEN GAS CHROMATOGRAPHIC METHOD EMPLOYING DIRECT INJECTION ON COLUMN WITH FLAME PHOTOMETRIC DETECTOR (FPD) IN SULFUR-SPECIFIC MODE.

AEN/GC/PID
AEN GAS CHROMATOGRAPHIC METHOD EMPLOYING DIRECT INJECTION ON COLUMN WITH PHOTOIONIZATION DETECTOR (PID).

AEN/GC/TCD
AEN GAS CHROMATOGRAPHIC METHOD EMPLOYING DIRECT INJECTION ON COLUMN WITH THERMAL CONDUCTIVITY DETECTOR (TCD).

SW = STEVE WILHITE
PL = PAUL LESCHENSKY
RW = ROBERT WOLFE
BV = BEN VAUGHN
BC = BETH COLEMAN
KS = KENDALL SMITH
KK = KERRY LEMONT
DWB = DAVID W. BOWERS
RP = ROB PEREZ
JBT = JENNIFER TORRANCE

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	610171
Client:	AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number:	610317
Project Name:	SPARTON
Project Location:	A6MP-4Q96
Test:	TOTAL ORGANIC HALIDES IN WATER
Analysis Method:	9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	IIM

Lab Id:	001	Sample Date/Time:	26-SEP-96 0825
Client Sample Id:	610317-01	Received Date:	05-OCT-96
Batch: TXW018		Extraction Date:	N/A
Blank: B	Dry Weight %: N/A	Analysis Date:	15-OCT-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC HALIDES	MG/L	0.02	0.01	
ANALYST	INITIALS	KL		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession: 610171
Client: AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number: 610317
Project Name: SPARTON
Project Location: A6MP-4Q96
Test: TOTAL ORGANIC HALIDES IN WATER
Analysis Method: 9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: N/A
Matrix: WATER
QC Level: IIM

Lab Id: 002
Client Sample Id: 610317-02

Sample Date/Time: 04-OCT-96 0923
Received Date: 05-OCT-96

Batch: TXW019
Blank: A

Dry Weight %: N/A

Extraction Date: N/A
Analysis Date: 16-OCT-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC HALIDES	MG/L	0.02	0.01	
ANALYST	INITIALS	KL		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	610171
Client:	AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number:	610317
Project Name:	SPARTON
Project Location:	A6MP-4Q96
Test:	TOTAL ORGANIC HALIDES IN WATER
Analysis Method:	9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	IIM

Lab Id:	003	Sample Date/Time:	04-OCT-96 0938
Client Sample Id:	610317-03	Received Date:	05-OCT-96
Batch: TXW019		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	16-OCT-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC HALIDES	MG/L	0.02	0.01	
ANALYST	INITIALS	KL		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	610171
Client:	AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number:	610317
Project Name:	SPARTON
Project Location:	A6MP-4Q96
Test:	TOTAL ORGANIC HALIDES IN WATER
Analysis Method:	9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	IIM

Lab Id:	004	Sample Date/Time:	04-OCT-96 0902
Client Sample Id:	610317-04	Received Date:	05-OCT-96
Batch: TXW019		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	06-OCT-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC HALIDES	MG/L	0.01	0.01	
ANALYST	INITIALS	KL		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	610171
Client:	AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number:	610317
Project Name:	SPARTON
Project Location:	A6MP-4Q96
Test:	TOTAL ORGANIC HALIDES IN WATER
Analysis Method:	9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	IIM

Lab Id:	005	Sample Date/Time:	04-OCT-96 1030
Client Sample Id:	610317-05	Received Date:	05-OCT-96
Batch: TXW019		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	16-OCT-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC HALIDES	MG/L	0.33	0.01	
ANALYST	INITIALS	KL		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	610171
Client:	AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number:	610317
Project Name:	SPARTON
Project Location:	A6MP-4Q96
Test:	TOTAL ORGANIC HALIDES IN WATER
Analysis Method:	9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	IIM

Lab Id:	006	Sample Date/Time:	04-OCT-96 1024
Client Sample Id:	610317-06	Received Date:	05-OCT-96
Batch: TXW019		Extraction Date:	N/A
Blank: A	Dry Weight %: N/A	Analysis Date:	16-OCT-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC HALIDES	MG/L	0.2	0.01	
ANALYST	INITIALS	KL		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	610171
Client:	AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number:	610317
Project Name:	SPARTON
Project Location:	A6MP-4Q96
Test:	TOTAL ORGANIC HALIDES IN WATER
Analysis Method:	9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	IIM

Lab Id:	007	Sample Date/Time:	04-OCT-96 1145
Client Sample Id:	610317-07	Received Date:	05-OCT-96
Batch: TXW019		Extraction Date:	N/A
Blank: B	Dry Weight %: N/A	Analysis Date:	17-OCT-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC HALIDES	MG/L	0.05	0.01	
ANALYST	INITIALS	KL		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession:	610171
Client:	AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number:	610317
Project Name:	SPARTON
Project Location:	A6MP-4Q96
Test:	TOTAL ORGANIC HALIDES IN WATER
Analysis Method:	9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method:	N/A
Matrix:	WATER
QC Level:	IIM

Lab Id:	008	Sample Date/Time:	04-OCT-96 1247
Client Sample Id:	610317-08	Received Date:	05-OCT-96
Batch: TXW019		Extraction Date:	N/A
Blank: B	Dry Weight %: N/A	Analysis Date:	17-OCT-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC HALIDES	MG/L	0.07	0.01	
ANALYST	INITIALS	KL		

Comments:

American Environmental Network, Inc.

"FINAL REPORT FORMAT - SINGLE"

Accession: 610171
Client: AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number: 610317
Project Name: SPARTON
Project Location: A6MP-4Q96
Test: TOTAL ORGANIC HALIDES IN WATER
Analysis Method: 9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: N/A
Matrix: WATER
QC Level: IIM

Lab Id: 009
Client Sample Id: 610317-09

Sample Date/Time: 04-OCT-96 1415
Received Date: 05-OCT-96

Batch: TXW020
Blank: C

Dry Weight %: N/A

Extraction Date: N/A
Analysis Date: 21-OCT-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL ORGANIC HALIDES	MG/L	5.5	1	
ANALYST	INITIALS	KL		

Comments:

American Environmental Network, Inc.

"Method Report Summary"

Accession Number: 610171
Client: AMERICAN ENVIRONMENTAL NETWORK OF NEW MEXICO
Project Number: 610317
Project Name: SPARTON
Project Location: A6MP-4Q96
Test: TOTAL ORGANIC HALIDES IN WATER

Client Sample Id:	Parameter:	Unit:	Result:
610317-01	TOTAL ORGANIC HALIDES	MG/L	0.02
610317-02	TOTAL ORGANIC HALIDES	MG/L	0.02
610317-03	TOTAL ORGANIC HALIDES	MG/L	0.02
610317-04	TOTAL ORGANIC HALIDES	MG/L	0.01
610317-05	TOTAL ORGANIC HALIDES	MG/L	0.33
610317-06	TOTAL ORGANIC HALIDES	MG/L	0.2
610317-07	TOTAL ORGANIC HALIDES	MG/L	0.05
610317-08	TOTAL ORGANIC HALIDES	MG/L	0.07
610317-09	TOTAL ORGANIC HALIDES	MG/L	5.5

American Environmental Network, Inc.

"QC Report"

Title: Water Blank
Batch: TXW018
Analysis Method: 9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: N/A

Blank Id: B Date Analyzed: 15-OCT-96 Date Extracted: N/A

Parameters:	Units:	Results:	Reporting Limits:
TOTAL ORGANIC HALIDES	MG/L	ND	0.01
ANALYST	INITIALS	KL	

Comments:

American Environmental Network, Inc.

"QC Report"

Title: Water Blank
Batch: TXW019
Analysis Method: 9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: N/A

Blank Id: A Date Analyzed: 16-OCT-96 Date Extracted: N/A

Parameters:	Units:	Results:	Reporting Limits:
TOTAL ORGANIC HALIDES	MG/L	ND	0.01
ANALYST	INITIALS	KL	

Comments:

American Environmental Network, Inc.

"QC Report"

Title: Water Blank
Batch: TXW019
Analysis Method: 9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: N/A

Blank Id: B Date Analyzed: 17-OCT-96 Date Extracted: N/A

Parameters:	Units:	Results:	Reporting Limits:
TOTAL ORGANIC HALIDES	MG/L	ND	0.01
ANALYST	INITIALS	KL	

Comments:

American Environmental Network, Inc.

"QC Report"

Title: Water Blank
Batch: TXW020
Analysis Method: 9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: N/A

Blank Id: C Date Analyzed: 21-OCT-96 Date Extracted: N/A

Parameters:	Units:	Results:	Reporting Limits:
TOTAL ORGANIC HALIDES	MG/L	ND	0.01
ANALYST	INITIALS	KL	

Comments:

American Environmental Network, Inc.

"QC Report"

Title: Water Matrix
Batch: TXW018
Analysis Method: 9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: N/A

Dry Weight %: N/A
Sample Spiked: 610187-11/1

MS Date Analyzed: 15-OCT-96
MSD Date Analyzed: 15-OCT-96

MS Date Extracted: N/A
MSD Date Extracted: N/A

Parameters:	Spike Added	Sample Conc	MS Conc	MS %Rec	MSD Conc	MSD %Rec	RPD	RPD Lmts	Rec Lmts
TOTAL ORGANIC HALIDES	0.050	0.130	0.144	28*	0.149	38*	30*	20	80-120

Surrogates:

Comments:
MATRIX SPIKE/MATRIX SPIKE DUPLICATE HAD RECOVERY(S) AND/OR RPD(S) OUTSIDE ACCEPTANCE LIMITS DUE TO MATRIX INTERFERENCE.

Notes:
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American Environmental Network, Inc.

"QC Report"

Title: Water Matrix
Batch: TXW019
Analysis Method: 9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: N/A

Dry Weight %: N/A
Sample Spiked: 610285-5/7

MS Date Analyzed: 17-OCT-96
MSD Date Analyzed: 17-OCT-96

MS Date Extracted: N/A
MSD Date Extracted: N/A

Parameters:	Spike Added	Sample Conc	MS Conc	MS %Rec	MSD Conc	MSD %Rec	RPD	RPD Lmts	Rec Lmts
TOTAL ORGANIC HALIDES	0.050	0.16	0.078	-164*	0.063	-194*	17	20	80-120

Surrogates:

Comments:
MATRIX SPIKE/MATRIX SPIKE DUPLICATE HAD RECOVERY(S) AND/OR RPD(S) OUTSIDE ACCEPTANCE LIMITS DUE TO MATRIX INTERFERENCE. REFER TO REAGENT SPIKE/REAGENT SPIKE DUPLICATE DATA.

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"QC Report"

Title: Water Matrix
Batch: TXW020
Analysis Method: 9020/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: N/A

Dry Weight %: N/A
Sample Spiked: 610285-8/9

MS Date Analyzed: 18-OCT-96
MSD Date Analyzed: 18-OCT-96

MS Date Extracted: N/A
MSD Date Extracted: N/A

Parameters:	Spike Added	Sample Conc	MS Conc	MS %Rec	MSD Conc	MSD %Rec	RPD	RPD Lmts	Rec Lmts
TOTAL ORGANIC HALIDES	0.050	0.071	0.104	66*	0.096	50*	28*	20	80-120

Surrogates:

Comments:
MATRIX SPIKE/MATRIX SPIKE DUPLICATE HAD RECOVERY(S) AND/OR RPD(S) OUTSIDE ACCEPTANCE LIMITS DUE TO MATRIX INTERFERENCE. REFER TO REAGENT SPIKE/REAGENT SPIKE DUPLICATE DATA.

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MG/M3 = MILLIGRAM PER CUBIC METER.
PPMV = PART PER MILLION BY VOLUME.
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AEN GAS CHROMATOGRAPHIC METHOD EMPLOYING DIRECT INJECTION ON COLUMN WITH FLAME PHOTOMETRIC DETECTOR (FPD) IN SULFUR-SPECIFIC MODE.

AEN/GC/PID
AEN GAS CHROMATOGRAPHIC METHOD EMPLOYING DIRECT INJECTION ON COLUMN WITH PHOTOIONIZATION DETECTOR (PID).

AEN/GC/TCD
AEN GAS CHROMATOGRAPHIC METHOD EMPLOYING DIRECT INJECTION ON COLUMN WITH THERMAL CONDUCTIVITY DETECTOR (TCD).

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PL = PAUL LESCHENSKY
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KS = KENDALL SMITH
KK = KERRY LEMONT
DWB = DAVID W. BOWERS
RP = ROB PEREZ
JBT = JENNIFER TORRANCE
LP = LAVERNE PETERSON

American Environmental Network, Inc.

GAS CHROMOTOGRAPHY RESULTS

TEST : PURGEABLE HALOCARBONS (EPA 8010)
CLIENT : SPARTON TECHNOLOGY, INC. AEN I.D.: 610317
PROJECT # : 100496
PROJECT NAME : AGMP-4Q96

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	TRIP BLANK	AQUEOUS	9/26/96	NA	10/7/96	1
02	MW-19	AQUEOUS	10/4/96	NA	10/7/96	1
03	MW-20	AQUEOUS	10/4/96	NA	10/7/96	1

PARAMETER	DET. LIMIT	UNITS	01	02	03
BROMODICHLORMETHANE	0.2	UG/L	< 0.2	< 0.2	< 0.2
BROMOFORM	0.5	UG/L	< 0.5	< 0.5	< 0.5
BROMOMETHANE	1.0	UG/L	< 1.0	< 1.0	< 1.0
CARBON TETRACHLORIDE	0.2	UG/L	< 0.2	< 0.2	< 0.2
CHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
CHLOROETHANE	0.5	UG/L	< 0.5	< 0.5	< 0.5
CHLOROFORM	0.5	UG/L	< 0.5	< 0.5	< 0.5
CHLOROMETHANE	1.0	UG/L	< 1.0	< 1.0	< 1.0
DIBROMOCHLOROMETHANE	0.2	UG/L	< 0.2	< 0.2	< 0.2
1,2-DIBROMOETHANE (EDB)	0.2	**UG/L**	< 0.2	< 0.2	**0.6**
1,2-DICHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
1,3-DICHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
1,4-DICHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHANE	0.3	UG/L	< 0.3	< 0.3	< 0.3
1,2-DICHLOROETHANE (EDC)	0.5	UG/L	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHENE	0.2	**UG/L**	< 0.2	**0.5**	< 0.2
cis-1,2-DICHLOROETHENE	0.2	UG/L	< 0.2	< 0.2	< 0.2
trans-1,2-DICHLOROETHENE	1.0	UG/L	< 1.0	< 1.0	< 1.0
1,2-DICHLOROPROPANE	0.2	UG/L	< 0.2	< 0.2	< 0.2
cis-1,3-DICHLOROPROPENE	0.2	UG/L	< 0.2	< 0.2	< 0.2
trans-1,3-DICHLOROPROPENE	0.2	UG/L	< 0.2	< 0.2	< 0.2
METHYLENE CHLORIDE	2.0	UG/L	< 2.0	< 2.0	< 2.0
1,1,2,2-TETRACHLOROETHANE	0.5	UG/L	< 0.5	< 0.5	< 0.5
TETRACHLOROETHENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
1,1,1-TRICHLOROETHANE	1.0	UG/L	< 1.0	< 1.0	< 1.0
1,1,2-TRICHLOROETHANE	0.2	UG/L	< 0.2	< 0.2	< 0.2
TRICHLOROETHENE	0.3	**UG/L**	< 0.3	**8.0**	**0.4**
TRICHLOROFLUOROMETHANE	0.2	UG/L	< 0.2	< 0.2	< 0.2
VINYL CHLORIDE	0.5	UG/L	< 0.5	< 0.5	< 0.5
SURROGATE:					
BROMOCHLOROMETHANE (%)			112	108	108
SURROGATE LIMITS	(73 - 117)				

CHEMIST NOTES:
N/A

007017

American Environmental Network, Inc.

GAS CHROMOTOGRAPHY RESULTS

TEST : PURGEABLE HALOCARBONS (EPA 8010)
CLIENT : SPARTON TECHNOLOGY, INC. AEN I.D.: 610317
PROJECT # : 100496
PROJECT NAME : AGMP-4Q96

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	PZ-2	AQUEOUS	10/4/96	NA	10/8/96	1
05	MW-14	AQUEOUS	10/4/96	NA	10/8/96	1
06	MW-9	AQUEOUS	10/4/96	NA	10/8/96	1

PARAMETER	DET. LIMIT	UNITS	04	05	06
BROMODICHLORMETHANE	0.2	UG/L	< 0.2	< 0.2	< 0.2
BROMOFORM	0.5	UG/L	< 0.5	< 0.5	< 0.5
BROMOMETHANE	1.0	UG/L	< 1.0	< 1.0	< 1.0
CARBON TETRACHLORIDE	0.2	UG/L	< 0.2	< 0.2	< 0.2
CHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
CHLOROETHANE	0.5	UG/L	< 0.5	< 0.5	< 0.5
CHLOROFORM	0.5	**UG/L**	< 0.5	**2.5**	**2.7**
CHLOROMETHANE	1.0	UG/L	< 1.0	< 1.0	< 1.0
DIBROMOCHLOROMETHANE	0.2	**UG/L**	< 0.2	< 0.2	**0.5**
1,2-DIBROMOETHANE (EDB)	0.2	**UG/L**	< 0.2	**0.6**	**0.6**
1,2-DICHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
1,3-DICHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
1,4-DICHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHANE	0.3	**UG/L**	< 0.3	**0.3**	**2.5**
1,2-DICHLOROETHANE (EDC)	0.5	UG/L	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHENE	0.2	**UG/L**	< 0.2	**19 D(25)**	**48 D(25)**
cis-1,2-DICHLOROETHENE	0.2	**UG/L**	< 0.2	**0.2**	< 0.2
trans-1,2-DICHLOROETHENE	1.0	UG/L	< 1.0	< 1.0	< 1.0
1,2-DICHLOROPROPANE	0.2	UG/L	< 0.2	< 0.2	< 0.2
cis-1,3-DICHLOROPROPENE	0.2	UG/L	< 0.2	< 0.2	< 0.2
trans-1,3-DICHLOROPROPENE	0.2	UG/L	< 0.2	< 0.2	< 0.2
METHYLENE CHLORIDE	2.0	**UG/L**	< 2.0	< 2.0	**62 D(25)**
1,1,2,2-TETRACHLOROETHANE	0.5	UG/L	< 0.5	< 0.5	< 0.5
TETRACHLOROETHENE	0.5	**UG/L**	< 0.5	**1.7**	**2.4**
1,1,1-TRICHLOROETHANE	1.0	**UG/L**	< 1.0	**7.9**	**63 D(25)**
1,1,2-TRICHLOROETHANE	0.2	**UG/L**	< 0.2	**0.8**	**0.9**
TRICHLOROETHENE	0.3	**UG/L**	**0.6**	**490 D(25)**	**540 D(100)**
TRICHLOROFLUOROMETHANE	0.2	UG/L	< 0.2	< 0.2	< 0.2
VINYL CHLORIDE	0.5	UG/L	< 0.5	< 0.5	< 0.5
SURROGATE:					
BROMOCHLOROMETHANE (%)			101	104	111
SURROGATE LIMITS	(73 - 117)				

CHEMIST NOTES:
D(25)=DILUTED 25X, ANALYZED 10/9/96.
D(100)=DILUTED 100X, ANALYZED 10/9/96.

007018

American Environmental Network, Inc.

GAS CHROMOTOGRAPHY RESULTS

TEST : PURGEABLE HALOCARBONS (EPA 8010)
CLIENT : SPARTON TECHNOLOGY, INC. AEN I.D.: 610317
PROJECT # : 100496
PROJECT NAME : AGMP-4Q96

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
07	MW-22	AQUEOUS	10/4/96	NA	10/8/96	1
08	MW-21	AQUEOUS	10/4/96	NA	10/8/96	1
09	MW-16	AQUEOUS	10/4/96	NA	10/9/96	10

PARAMETER	DET. LIMIT	UNITS	07	08	09
BROMODICHLORMETHANE	0.2	UG/L	< 0.2	< 0.2	< 2.0
BROMOFORM	0.5	UG/L	< 0.5	< 0.5	< 5.0
BROMOMETHANE	1.0	UG/L	< 1.0	< 1.0	< 10
CARBON TETRACHLORIDE	0.2	**UG/L**	**0.2**	**0.2**	**2.4**
CHLOROBENZENE	0.5	**UG/L**	< 0.5	< 0.5	**5.6**
CHLOROETHANE	0.5	UG/L	< 0.5	< 0.5	< 5.0
CHLOROFORM	0.5	**UG/L**	< 0.5	< 0.5	**6.4**
CHLOROMETHANE	1.0	UG/L	< 1.0	< 1.0	< 10
DIBROMOCHLOROMETHANE	0.2	**UG/L**	< 0.2	< 0.2	**5.4**
1,2-DIBROMOETHANE (EDB)	0.2	**UG/L**	< 0.2	< 0.2	**6.0**
1,2-DICHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 5.0
1,3-DICHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 5.0
1,4-DICHLOROBENZENE	0.5	UG/L	< 0.5	< 0.5	< 5.0
1,1-DICHLOROETHANE	0.3	**UG/L**	< 0.3	< 0.3	**3.0**
1,2-DICHLOROETHANE (EDC)	0.5	UG/L	< 0.5	< 0.5	< 5.0
1,1-DICHLOROETHENE	0.2	**UG/L**	**8.0**	**6.4**	**200 D(100)**
cis-1,2-DICHLOROETHENE	0.2	UG/L	< 0.2	< 0.2	< 2.0
trans-1,2-DICHLOROETHENE	1.0	UG/L	< 1.0	< 1.0	< 10
1,2-DICHLOROPROPANE	0.2	UG/L	< 0.2	< 0.2	< 2.0
cis-1,3-DICHLOROPROPENE	0.2	UG/L	< 0.2	< 0.2	< 2.0
trans-1,3-DICHLOROPROPENE	0.2	**UG/L**	< 0.2	< 0.2	**3.6**
METHYLENE CHLORIDE	2.0	UG/L	< 2.0	< 2.0	< 20
1,1,2,2-TETRACHLOROETHANE	0.5	UG/L	< 0.5	< 0.5	< 5.0
TETRACHLOROETHENE	0.5	**UG/L**	< 0.5	**1.3**	**100**
1,1,1-TRICHLOROETHANE	1.0	**UG/L**	**22 D(10)**	**48 D(25)**	**2100 D(1000)**
1,1,2-TRICHLOROETHANE	0.2	**UG/L**	< 0.2	< 0.2	**9.3**
TRICHLOROETHENE	0.3	**UG/L**	**33 D(10)**	**150 D(25)**	**8300 D(1000)**
TRICHLOROFLUOROMETHANE	0.2	UG/L	< 0.2	< 0.2	< 2.0
VINYL CHLORIDE	0.5	UG/L	< 0.5	< 0.5	< 5.0
SURROGATE:					
BROMOCHLOROMETHANE (%)			106	109	103
SURROGATE LIMITS	(73 - 117)				

CHEMIST NOTES:
D(10)=DILUTED 10X, ANALYZED 10/9/96.
D(25)=DILUTED 25X, ANALYZED 10/9/96.
D(100)=DILUTED 100X, ANALYZED 10/9/96.
D(1000)=DILUTED 1000X, ANALYZED 10/9/96.

007019

American Environmental Network, Inc.

GAS CHROMOTOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8010		
BLANK I.D.	: 100796	AEN I.D.	: 610317
CLIENT	: SPARTON TECHNOLOGY, INC.	DATE EXTRACTED	: NA
PROJECT #	: 100496	DATE ANALYZED	: 10/7/96
PROJECT NAME	: AGMP-4Q96	SAMPLE MATRIX	: AQUEOUS

PARAMETER	UNITS	
BROMODICHLORMETHANE	UG/L	<0.2
BROMOFORM	UG/L	<0.5
BROMOMETHANE	UG/L	<1.0
CARBON TETRACHLORIDE	UG/L	<0.2
CHLOROBENZENE	UG/L	<0.5
CHLOROETHANE	UG/L	<0.5
CHLOROFORM	UG/L	<0.5
CHLOROMETHANE	UG/L	<1.0
DIBROMOCHLOROMETHANE	UG/L	<0.2
1,2-DIBROMOETHANE (EDB)	UG/L	<0.2
1,2-DICHLOROBENZENE	UG/L	<0.5
1,3-DICHLOROBENZENE	UG/L	<0.5
1,4-DICHLOROBENZENE	UG/L	<0.5
1,1-DICHLOROETHANE	UG/L	<0.3
1,2-DICHLOROETHANE (EDC)	UG/L	<0.5
1,1-DICHLOROETHENE	UG/L	<0.2
cis-1,2-DICHLOROETHENE	UG/L	<0.2
trans-1,2-DICHLOROETHENE	UG/L	<1.0
1,2-DICHLOROPROPANE	UG/L	<0.2
cis-1,3-DICHLOROPROPENE	UG/L	<0.2
trans-1,3-DICHLOROPROPENE	UG/L	<0.2
METHYLENE CHLORIDE	UG/L	<2.0
1,1,2,2-TETRACHLOROETHANE	UG/L	<0.5
TETRACHLOROETHENE	UG/L	<0.5
1,1,1-TRICHLOROETHANE	UG/L	<1.0
1,1,2-TRICHLOROETHANE	UG/L	<0.2
TRICHLOROETHENE	UG/L	<0.3
TRICHLOROFLUOROMETHANE	UG/L	<0.2
VINYL CHLORIDE	UG/L	<0.5

SURROGATE:

BROMOCHLOROMETHANE (%)		110
SURROGATE LIMITS	(73 - 117)	

CHEMIST NOTES:
N/A

007020

American Environmental Network, Inc.

GAS CHROMOTOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8010		
BLANK I.D.	: 100896	AEN I.D.	: 610317
CLIENT	: SPARTON TECHNOLOGY, INC.	DATE EXTRACTED	: NA
PROJECT #	: 100496	DATE ANALYZED	: 10/8/96
PROJECT NAME	: AGMP-4Q96	SAMPLE MATRIX	: AQUEOUS

PARAMETER	UNITS	
BROMODICHLORMETHANE	UG/L	<0.2
BROMOFORM	UG/L	<0.5
BROMOMETHANE	UG/L	<1.0
CARBON TETRACHLORIDE	UG/L	<0.2
CHLOROBENZENE	UG/L	<0.5
CHLOROETHANE	UG/L	<0.5
CHLOROFORM	UG/L	<0.5
CHLOROMETHANE	UG/L	<1.0
DIBROMOCHLOROMETHANE	UG/L	<0.2
1,2-DIBROMOETHANE (EDB)	UG/L	<0.2
1,2-DICHLOROBENZENE	UG/L	<0.5
1,3-DICHLOROBENZENE	UG/L	<0.5
1,4-DICHLOROBENZENE	UG/L	<0.5
1,1-DICHLOROETHANE	UG/L	<0.3
1,2-DICHLOROETHANE (EDC)	UG/L	<0.5
1,1-DICHLOROETHENE	UG/L	<0.2
cis-1,2-DICHLOROETHENE	UG/L	<0.2
trans-1,2-DICHLOROETHENE	UG/L	<1.0
1,2-DICHLOROPROPANE	UG/L	<0.2
cis-1,3-DICHLOROPROPENE	UG/L	<0.2
trans-1,3-DICHLOROPROPENE	UG/L	<0.2
METHYLENE CHLORIDE	UG/L	<2.0
1,1,2,2-TETRACHLOROETHANE	UG/L	<0.5
TETRACHLOROETHENE	UG/L	<0.5
1,1,1-TRICHLOROETHANE	UG/L	<1.0
1,1,2-TRICHLOROETHANE	UG/L	<0.2
TRICHLOROETHENE	UG/L	<0.3
TRICHLOROFLUOROMETHANE	UG/L	<0.2
VINYL CHLORIDE	UG/L	<0.5

SURROGATE:

BROMOCHLOROMETHANE (%)		106
SURROGATE LIMITS	(73 - 117)	

CHEMIST NOTES:
N/A

007021

American Environmental Network, Inc.

GAS CHROMOTOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8010		
BLANK I.D.	: 100996	AEN I.D.	: 610317
CLIENT	: SPARTON TECHNOLOGY, INC.	DATE EXTRACTED	: NA
PROJECT #	: 100496	DATE ANALYZED	: 10/9/96
PROJECT NAME	: AGMP-4Q96	SAMPLE MATRIX	: AQUEOUS

PARAMETER	UNITS	
BROMODICHLORMETHANE	UG/L	<0.2
BROMOFORM	UG/L	<0.5
BROMOMETHANE	UG/L	<1.0
CARBON TETRACHLORIDE	UG/L	<0.2
CHLOROBENZENE	UG/L	<0.5
CHLOROETHANE	UG/L	<0.5
CHLOROFORM	UG/L	<0.5
CHLOROMETHANE	UG/L	<1.0
DIBROMOCHLOROMETHANE	UG/L	<0.2
1,2-DIBROMOETHANE (EDB)	UG/L	<0.2
1,2-DICHLOROBENZENE	UG/L	<0.5
1,3-DICHLOROBENZENE	UG/L	<0.5
1,4-DICHLOROBENZENE	UG/L	<0.5
1,1-DICHLOROETHANE	UG/L	<0.3
1,2-DICHLOROETHANE (EDC)	UG/L	<0.5
1,1-DICHLOROETHENE	UG/L	<0.2
cis-1,2-DICHLOROETHENE	UG/L	<0.2
trans-1,2-DICHLOROETHENE	UG/L	<1.0
1,2-DICHLOROPROPANE	UG/L	<0.2
cis-1,3-DICHLOROPROPENE	UG/L	<0.2
trans-1,3-DICHLOROPROPENE	UG/L	<0.2
METHYLENE CHLORIDE	UG/L	<2.0
1,1,2,2-TETRACHLOROETHANE	UG/L	<0.5
TETRACHLOROETHENE	UG/L	<0.5
1,1,1-TRICHLOROETHANE	UG/L	<1.0
1,1,2-TRICHLOROETHANE	UG/L	<0.2
TRICHLOROETHENE	UG/L	<0.3
TRICHLOROFLUOROMETHANE	UG/L	<0.2
VINYL CHLORIDE	UG/L	<0.5

SURROGATE:

BROMOCHLOROMETHANE (%)		103
SURROGATE LIMITS	(73 - 117)	

CHEMIST NOTES:
N/A

007022

American Environmental Network, Inc.

GAS CHROMOTOGRAPHY - QUALITY CONTROL
MSMSD

TEST	: PURGEABLE HALOCARBONS (EPA 8010)		
MSMSD #	: 610311-01	AEN I.D.	: 610317
CLIENT	: SPARTON TECHNOLOGY, INC.	DATE EXRACTED	: NA
PROJECT #	: 100496	DATE ANALYZED	: 10/8/96
PROJECT NAME	: AGMP-4Q96	SAMPLE MATRIX	: AQUEOUS
		UNITS	: UG/L

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
CHLOROBENZENE	<0.5	10.0	9.3	93	9.5	95	2	(87 - 124)	20
1,1-DICHLOROETHENE	<0.2	10.0	9.1	91	8.6	86	6	(44 - 99)	20
TRICHLOROETHENE	<0.3	10.0	11.2	112	11.1	111	1	(89 - 127)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

007023

American Environmental Network
Albuquerque, New Mexico

Interlab Chain of Custody

610171

DATE: 10/4 PAGE 1 OF 1

NETWORK PROJECT MANAGER: KIMBERLY D. McNEILL

COMPANY: American Environmental Network
ADDRESS: 2709-D Pan American Freeway, NE
Albuquerque, NM 87107

CLIENT PROJECT MANAGER: Kim McNeill

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals - TAL	Metals - PP List	Metals - RCRA	RCRA Metals by TCLP (1311)			TOX	TOC	Gen Chemistry	EC	Oil and Grease	BOD	COD	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)	8240 (TCLP 1311) ZHE	8270 (TCLP 1311)			TO-14	Gross Alpha/Beta		007024		NUMBER OF CONTAINERS
610317 - 01	9/26	0825	AQ	1							X	X		X																		
-02	10/4	0923	↓	2							X	X		X																		
-03	↓	0938	↓	3							X	X		X																		
-04	↓	0902	↓	4							X	X		X																		
-05	↓	1030	↓	5							X	X		X																		
-06	↓	1024	↓	6							X	X		X																		
-07	↓	1145	↓	7							X	X		X																		
-08	↓	1247	↓	8							X	X		X																		
-09	↓	1415	↓	9							X	X		X																		

PROJECT INFORMATION

PROJECT NUMBER: 610317
PROJECT NAME: AGMP-4096
QC LEVEL: STD IV
QC REQUIRED: MS MSD BLANK
TAT: STANDARD RUSH!

DUE DATE: 10/16
RUSH SURCHARGE:
CLIENT DISCOUNT:
SPECIAL CERTIFICATION REQUIRED: ☐YES ☐NO

SAMPLE RECEIPT

TOTAL NUMBER OF CONTAINERS	
CHAIN OF CUSTODY SEALS	
INTACT?	
RECEIVED GOOD COND./COLD	
LAB NUMBER	

SAMPLES SENT TO:

SAN DIEGO	
Paragon	
RENTON	
PENSACOLA	X
PORTLAND	
PHOENIX	

RELINQUISHED BY: 1.
Signature: [signature] Time: 1700
Printed Name: John Caldwell Date: 10/4/96
Company: AEN Albuquerque

RELINQUISHED BY: 2.
Signature: Time: 10/5/96
Printed Name: Date:
Company: AEN

RECEIVED BY: 1.
Signature: Time:
Printed Name: Date:
Company:

RECEIVED BY: (LAB) 2.
Signature: [signature] Time: 1045
Printed Name: R. ELSPERMAN Date: 10/5/96
Company: AEN-PNS

AnalyticalTechnologies of New Mexico, Inc., Albuquerque, NM
San Diego • Phoenix • Seattle • Pensacola • Ft. Collins • Portland • Albuquerque • Anchorage

CHAIN OF CUSTODY

DATE: 10-4-96 PAGE: 1 OF 1

ATI LAB I.D. 610317

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: John M. Wakefield

COMPANY: SPARTON TECHNOLOGY, INC.
ADDRESS: 9621 Coors Road, NW
Albuquerque, NM 87114
PHONE: (505)892-5300
FAX: (505)892-5515

BILL TO: John M. Wakefield
COMPANY: SPARTON TECHNOLOGY, INC.
ADDRESS: 4901 Rockaway Blvd., NE
Rio Rancho, NM 87124

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct/Inject		(M8015) Gas/Purge & Trap	Gasoline/BTEX & MTBE (M8015/8020)	BTXE/MTBE (8020)	BTEX & Chlorinated Aromatics (602/8020)	BTEX/MTBE/EDC & EDB (8020/8010/Short)	Chlorinated Hydrocarbons (601/8010)	pH	504 EDB ☐ / DBCP ☐	Polynuclear Aromatics (610/8310)	Volatile Organics (624/8240) GC/MS	Volatile Organics (8260) GC/MS	Specific Conductance	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral/Acid Compounds GC/MS (625/8270)	pH delete	General Chemistry	TOX	TOC	Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP Method 1311	007025		NUMBER OF CONTAINERS
Trip Blank	9-26-96	0825	H_2O	-01									X	X					X				X		X	X							5
MW-19	10-4-96	0923	"	-02									X	X					X						X	X							7
MW-20	"	0938	"	-03									X	X					X						X	X							7
PZ-2	"	0902	"	-04									X	X					X						X	X							7
MW-14	"	1030	"	-05									X	X					X						X	X							7
MW-9	"	1024	"	-06									X	X					X						X	X							7
MW-22	"	1145	"	-07									X	X					X						X	X							7
MW-21	"	1247	"	-08									X	X					X						X	X							7
MW-16	"	1415	"	-09									X	X					X						X	X							7

PROJECT INFORMATION	
PROJ. NO.: 100496	
PROJ. NAME: AGMP-4Q96	
P.O. NO.: 50650-02-06	
SHIPPED VIA: Delivered	
SAMPLE RECEIPT	
NO. CONTAINERS	61
CUSTODY SEALS	Y/N/NA
RECEIVED INTACT	Yes
BLUE ICE/ICE	50

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☒ 2 WEEK

CERTIFICATION REQUIRED: ☐ NM ☐ OTHER

METHANOL PRESERVATION ☐

COMMENTS: C of C Seals on Cooler

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
Signature: [signature] Time: 10-4-96	Signature: Time:
Printed Name: John Wakefield Date:	Printed Name: Date:
Company: S.T.I. 892-5300	Company:
RECEIVED BY: 1.	RECEIVED BY: (LAB) 2.
Signature: Time:	Signature: [signature] Time: 1535
Printed Name: Date:	Printed Name: [signature] Date: 10/4/96
Company:	Analytical Technologies of New Mexico

AnalyticalTechnologies of New Mexico, Inc., Albuquerque, NM
San Diego • Phoenix • Seattle • Pensacola • Ft. Collins • Portland • Albuquerque • Anchorage

CHAIN OF CUSTODY

DATE: 10-4-96 PAGE: 1 OF 1

ATI LAB I.D. 610317

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: John M. Wakefield

COMPANY: SPARTON TECHNOLOGY, INC.
ADDRESS: 9621 Coors Road, NW
Albuquerque, NM 87114
PHONE: (505) 892-5300
FAX: (505) 892-5515

BILL TO: John M. Wakefield
COMPANY: SPARTON TECHNOLOGY, INC.
ADDRESS: 4901 Rockaway Blvd., NE
Rio Rancho, NM 87124

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct/Inject		(M8015) Gas/Purge & Trap	Gasoline/BTEX & MTBE (M8015/8020)	BTXE/MTBE (8020)	BTEX & Chlorinated Aromatics (602/8020)	BTEX/MTBE/EDC & EDB (8020/8010/Short)	Chlorinated Hydrocarbons (601/8010)	pH	504 EDB ☐ / DBCP ☐	Polynuclear Aromatics (610/8310)	Volatile Organics (624/8240) GC/MS	Volatile Organics (8260) GC/MS	Specific Conductance	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral/Acid Compounds GC/MS (625/8270)	X pH delete	General Chemistry	TOX	TOC	Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method 1311)	007026		NUMBER OF CONTAINERS
Trip Blank	9-26-96	0825	H_2O	-01									X	X					X				X		X	X							5
MW-19	10-4-96	0923	"	-02									X	X					X						X	X							7
MW-20	"	0938	"	-03									X	X					X						X	X							7
PZ-2	"	0902	"	-04									X	X					X						X	X							7
MW-14	"	1030	"	-05									X	X					X						X	X							7
MW-9	"	1024	"	-06									X	X					X						X	X							7
MW-22	"	1145	"	-07									X	X					X						X	X							7
MW-21	"	1247	"	-08									X	X					X						X	X							7
MW-16	"	1415	"	-09									X	X					X						X	X							7

PROJECT INFORMATION

PROJ. NO.: 100496
PROJ. NAME: AGMP-4Q96
P.O. NO.: 50650-02-06
SHIPPED VIA: Delivered

SAMPLE RECEIPT

NO. CONTAINERS	61
CUSTODY SEALS	Y / N / NA
RECEIVED INTACT	Yes
BLUE ICE/ICE	ICE

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☒ 2 WEEK

CERTIFICATION REQUIRED: ☐ NM ☐ OTHER

METHANOL PRESERVATION ☐

COMMENTS: Cof C Seals on Cooler

RELINQUISHED BY: 1.
Signature: [signature] Time: 10-4-96
Printed Name: John Wakefield Date:
Company: S.T.I. 892-5300

RELINQUISHED BY: 2.
Signature: Time:
Printed Name: Date:
Company:

RECEIVED BY: 1.
Signature: Time:
Printed Name: Date:
Company:

RECEIVED BY: (LAB) 2.
Signature: [signature] Time: 1535
Printed Name: [signature] Date: 10/9/96
Analytical Technologies of New Mexico

INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

This set of data sheets is for use by all facilities in assessment monitoring. [HWMR-5, Part VI, Section 265.93(d) (4), (5) and (7) (e) and (f), and Section 265.94(b).]

ENVIRONMENTAL IMPROVEMENT DIVISION
HAZARDOUS WASTE SECTION
1190 ST. FRANCIS DR./HAROLD RUNNELS BLDG.
SANTA FE, NEW MEXICO 87503

FACILITY NAME: SPARTON TECHNOLOGY, INC. 4TH QUARTER 1996

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-9 SAMPLE COLLECTION BY: PETER H. METZNER

WELL DEPTH: 78.35 LABORATORY NAME: AEN

DATE SAMPLED: 10-4-96 LABORATORY SAMPLE I.D. #: 610317-06

TIME SAMPLED: 10:24 DATE RECEIVED BY LAB: 10-4-96

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G. Water	71993	ft.	4974.33	10-4-96
Well Casing Volume	--------	gal.	1.40	10-4-96
Pump Rate	--------	gal./min.	0.12	10-4-96
Pump Period	72004	min.	38	10-4-96
Volume Evacuated	73675	gal.	4.2	10-4-96
Well Sampling Method	84077	--------	BLDRP	10-4-96
Sampler Material	--------	--------	TEFLN	N/A

WELL SAMPLING METHOD: BLDRP

MONITORING WELL APPENDIX VI OR IX FOR FACILITIES IN ASSESSMENT

MW-9

Under assessment monitoring as per HWMR-5 Part VI Section 265.93(d) (4), (5) and (7) and 42 Federal Register, 25942 (July 9, 1987), please list values for the Appendix VII or IX parameters which were found in your Appendix IX scan.

PARAMETER	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1, - Dichloroethene	UG/L	48	5.0	NA	10-9-96	8010
Trichloroethene	UG/L	540	30	NA	10-9-96	8010
1,1,1 Trichloroethane	UG/L	63	25	NA	10-9-96	8010
Tetrachloroethene	UG/L	2.4	0.5	NA	10-8-96	8010
Chloroform	UG/L	2.7	0.5	NA	10-8-96	8010
1,1 Dichloroethane	UG/L	2.5	0.3	NA	10-8-96	8010
Methylene Chloride	UG/L	62	50	NA	10-9-96	8010
Dibromochloromethane	UG/L	0.5	0.2	NA	10-8-96	8010
1,2-Dibromoethane	UG/L	0.6	0.2	NA	10-8-96	8010
1,1,2-Trichloroethane	UG/L	0.9	0.2	NA	10-8-96	8010

ND = Not Detected
NA = Not Applicable

INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

This set of data sheets is for use by all facilities in assessment monitoring. [HWMR-5, Part VI, Section 265.93(d) (4), (5) and (7) (e) and (f), and Section 265.94(b).]

ENVIRONMENTAL IMPROVEMENT DIVISION
HAZARDOUS WASTE SECTION
1190 ST. FRANCIS DR./HAROLD RUNNELS BLDG.
SANTA FE, NEW MEXICO 87503

FACILITY NAME: SPARTON TECHNOLOGY, INC. 4th QUARTER 1996

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-14 SAMPLE COLLECTION BY: DON A. GUTIERREZ

WELL DEPTH: 73.08 LABORATORY NAME: AEN

DATE SAMPLED: 10-4-96 LABORATORY SAMPLE I.D. #: 610317-05

TIME SAMPLED: 1030 DATE RECEIVED BY LAB: 10-4-96

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G. Water	71993	ft.	4972.56	10-4-96
Well Casing Volume	--------	gal.	0.42	10-4-96
Pump Rate	--------	gal./min.	0.07	10-4-96
Pump Period	72004	min.	23	10-4-96
Volume Evacuated	73675	gal.	1.50	10-4-96
Well Sampling Method	84077	--------	BLDRP	10-4-96
Sampler Material	--------	--------	TEFLN	N/A

WELL SAMPLING METHOD: BLDRP

INDICATOR PARAMETERS MW-14

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.95	NA	10-4-96	
	00400	S.U.				150.1
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	730	1	10-14-96	
	00095	umhos/cm				120.1/
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	330	10	10-16-96	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	2	1	10-15-96	
	00680	mg/l				415.1
	00680	mg/l				
	00680	mg/l				

NA = NOT APPLICABLE

GROUND WATER QUALITY PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	NA			
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	NA			
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	NA			
Sulfate	00945	mg/l	NA			
Turbidity		NTU	NA			

DATE OF THIS REPORT: 12-10-96

SIGNATURE: John M. Wakefield

NAME (PRINTED: JOHN M. WAKEFIELD

NA = Not Applicable

MONITORING WELL APPENDIX VI OR IX FOR FACILITIES IN ASSESSMENT

MW-14

Under assessment monitoring as per HWMR-5 Part VI Section 265.93(d) (4), (5) and (7) and 42 Federal Register, 25942 (July 9, 1987), please list values for the Appendix VII or IX parameters which were found in your Appendix IX scan.

PARAMETER	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1, - Dichloroethene	UG/L	19	5.0	NA	10-9-96	8010
Trichloroethene	UG/L	490	7.5	NA	10-9-96	8010
1,1,1 Trichloroethane	UG/L	7.9	1.0	NA	10-8-96	8010
Tetrachloroethene	UG/L	1.7	0.5	NA	10-8-96	8010
Chloroform	UG/L	2.5	0.5	NA	10-8-96	8010
1,1 Dichloroethane	UG/L	0.3	0.3	NA	10-8-96	8010
1,2-Dibromoethane	UG/L	0.6	0.2	NA	10-8-96	8010
1,1,2-Trichloroethane	UG/L	0.8	0.2	NA	10-8-96	8010
cis-1,2-Dichloroethene	UG/L	0.2	0.2	NA	10-8-96	8010

ND = Not Detected
NA = Not Applicable

007034

INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

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ENVIRONMENTAL IMPROVEMENT DIVISION
HAZARDOUS WASTE SECTION
1190 ST. FRANCIS DR./HAROLD RUNNELS BLDG.
SANTA FE, NEW MEXICO 87503

FACILITY NAME: SPARTON TECHNOLOGY, INC. 4th QUARTER 1996

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-15 SAMPLE COLLECTION BY: Don A. Gutierrez

WELL DEPTH: 78.17 LABORATORY NAME: AEN

DATE SAMPLED: 10-4-96 LABORATORY SAMPLE I.D. #: NA

TIME SAMPLED: NA DATE RECEIVED BY LAB: NA

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G. Water	71993	ft.	No H_2O	10-4-96
Well Casing Volume	--------	gal.		
Pump Rate	--------	gal./min.		
Pump Period	72004	min.		
Volume Evacuated	73675	gal.		
Well Sampling Method	84077	--------	BLDRP	
Sampler Material	--------	--------	TEFLN	N/A

WELL SAMPLING METHOD: BLDRP

GROUND WATER QUALITY PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	NA			
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	NA			
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	NA			
Sulfate	00945	mg/l	NA			
Turbidity		NTU	NA			

DATE OF THIS REPORT: 12-10-96

SIGNATURE: John M. Wakefield

NAME (PRINTED: JOHN M. WAKEFIELD

NA = Not Applicable

INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

This set of data sheets is for use by all facilities in assessment monitoring. [HWMR-5, Part VI, Section 265.93(d) (4), (5) and (7) (e) and (f), and Section 265.94(b).]

ENVIRONMENTAL IMPROVEMENT DIVISION
HAZARDOUS WASTE SECTION
1190 ST. FRANCIS DR./HAROLD RUNNELS BLDG.
SANTA FE, NEW MEXICO 87503

FACILITY NAME: SPARTON TECHNOLOGY, INC. 4th QUARTER 1996

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-16 SAMPLE COLLECTION BY: DON A. GUTIERREZ

WELL DEPTH: 71.52 LABORATORY NAME: AEN

DATE SAMPLED: 10-4-96 LABORATORY SAMPLE I.D. #: 610317-09

TIME SAMPLED: 1415 DATE RECEIVED BY LAB: 10-4-96

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G. Water	71993	ft.	4979.53	10-4-96
Well Casing Volume	--------	gal.	0.58	10-4-96
Pump Rate	--------	gal./min.	0.05	10-4-96
Pump Period	72004	min.	43	10-4-96
Volume Evacuated	73675	gal.	1.75	10-4-96
Well Sampling Method	84077	--------	BLDRP	10-4-96
Sampler Material	--------	--------	TEFLN	N/A

WELL SAMPLING METHOD: BLDRP

INDICATOR PARAMETERS MW-16

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.85	NA	10-4-96	
	00400	S.U.				150.1
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	1100	1	10-14-96	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	5500	10	10-21-96	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	2	1.0	10-15-96	
	00680	mg/l				415.1
	00680	mg/l				
	00680	mg/l				

NA = NOT APPLICABLE

GROUND WATER QUALITY PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	NA			
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	NA			
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	NA			
Sulfate	00945	mg/l	NA			
Turbidity		NTU	NA			

DATE OF THIS REPORT: 12-10-96

SIGNATURE: John M. Wakefield

NAME (PRINTED: JOHN M. WAKEFIELD

NA = Not Applicable

MONITORING WELL APPENDIX VI OR IX FOR FACILITIES IN ASSESSMENT

MW-16

Under assessment monitoring as per HWMR-5 Part VI Section 265.93(d) (4), (5) and (7) and 42 Federal Register, 25942 (July 9, 1987), please list values for the Appendix VII or IX parameters which were found in your Appendix IX scan.

PARAMETER	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1, - Dichloroethene	UG/L	200	20	NA	10-9-96	8010
Trichloroethene	UG/L	8300	300	NA	10-9-96	8010
1,1,1 Trichloroethane	UG/L	2100	1000	NA	10-9-96	8010
Tetrachloroethene	UG/L	100	0.5	NA	10-9-96	8010
Chlorobenzene	UG/L	5.6	0.5	NA	10-9-96	8010
Chloroform	UG/L	6.4	0.5	NA	10-9-96	8010
1,1 Dichloroethane	UG/L	3.0	0.3	NA	10-9-96	8010
Carbon Tetrachloride	UG/L	2.4	2.0	NA	10-9-96	8010
Dibromochloromethane	UG/L	5.4	0.2	NA	10-9-96	8010
1,2-Dibromoethane	UG/L	6.0	0.2	NA	10-9-96	8010
trans-1,3-Dichloropropene	UG/L	3.6	0.2	NA	10-9-96	8010
1,1,2-Trichloroethanee	UG/L	9.3	0.2	NA	10-9-96	8010

ND = Not Detected
NA = Not Applicable

007040

INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

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ENVIRONMENTAL IMPROVEMENT DIVISION
HAZARDOUS WASTE SECTION
1190 ST. FRANCIS DR./HAROLD RUNNELS BLDG.
SANTA FE, NEW MEXICO 87503

FACILITY NAME: SPARTON TECHNOLOGY, INC. 4th QUARTER 1996

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-19 SAMPLE COLLECTION BY: PETER H. METZNER

WELL DEPTH: 111.43 LABORATORY NAME: AEN

DATE SAMPLED: 10-4-96 LABORATORY SAMPLE I.D. #: 607333-01

TIME SAMPLED: 0923 DATE RECEIVED BY LAB: 10-4-96

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G. Water	71993	ft.	4973.16	10-4-96
Well Casing Volume	--------	gal.	25.03	10-4-96
Pump Rate	--------	gal./min.	0.69	10-4-96
Pump Period	72004	min.	110	10-4-96
Volume Evacuated	73675	gal.	76	10-4-96
Well Sampling Method	84077	--------	BLDRP	10-4-96
Sampler Material	--------	--------	TEFLN	N/A

WELL SAMPLING METHOD: BLDRP

INDICATOR PARAMETERS MW-19

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.36	NA	10-4-96	
	00400	S.U.				150.1
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	740	1	10-14-96	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	20	10	10-16-96	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	<1.0	1.0	10-15-96	
	00680	mg/l				415.1
	00680	mg/l				
	00680	mg/l				

NA = NOT APPLICABLE

GROUND WATER QUALITY PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	NA			
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	NA			
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	NA			
Sulfate	00945	mg/l	NA			
Turbidity		NTU	NA			

DATE OF THIS REPORT: 12-10-96

SIGNATURE: John M. Wakefield

NAME (PRINTED: JOHN M. WAKEFIELD

NA = Not Applicable

MONITORING WELL APPENDIX VI OR IX FOR FACILITIES IN ASSESSMENT

MW-19

Under assessment monitoring as per HWMR-5 Part VI Section 265.93(d) (4), (5) and (7) and 42 Federal Register, 25942 (July 9, 1987), please list values for the Appendix VII or IX parameters which were found in your Appendix IX scan.

PARAMETER	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1, - Dichloroethene	UG/L	0.5	0.2	NA	10-7-96	8010
Trichloroethene	UG/L	8.0	0.3	NA	10-7-96	8010
1,1,1 Trichloroethane	UG/L	<1.0	1.0	NA	10-7-96	8010

ND = Not Detected
NA = Not Applicable

007044

INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

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ENVIRONMENTAL IMPROVEMENT DIVISION
HAZARDOUS WASTE SECTION
1190 ST. FRANCIS DR./HAROLD RUNNELS BLDG.
SANTA FE, NEW MEXICO 87503

FACILITY NAME: SPARTON TECHNOLOGY, INC. 4th QUARTER 1996

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-20 SAMPLE COLLECTION BY: DON A. GUTIERREZ

WELL DEPTH: 139.00 LABORATORY NAME: AEN

DATE SAMPLED: 10-4-96 LABORATORY SAMPLE I.D. #: 607333-02

TIME SAMPLED: 0938 DATE RECEIVED BY LAB: 10-4-96

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G. Water	71993	ft.	4972.74	10-4-96
Well Casing Volume	--------	gal.	43.05	10-4-96
Pump Rate	--------	gal./min.	1.08	10-4-96
Pump Period	72004	min.	121	10-4-96
Volume Evacuated	73675	gal.	131	10-4-96
Well Sampling Method	84077	--------	BLDRP	10-4-96
Sampler Material	--------	--------	TEFLN	N/A

WELL SAMPLING METHOD: BLDRP

INDICATOR PARAMETERS MW-20

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.43	NA	10-4-96	
	00400	S.U.				150.1
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	660	1	10-14-96	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	20	10	10-16-96	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	1.0	1.0	10-15-96	
	00680	mg/l				415.1
	00680	mg/l				
	00680	mg/l				

NA = NOT APPLICABLE

GROUND WATER QUALITY PARAMETERS MW-20

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	NA			
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	NA			
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	NA			
Sulfate	00945	mg/l	NA			
Turbidity		NTU	NA			

DATE OF THIS REPORT: 12-10-95

SIGNATURE: John M. Wakefield

NAME (PRINTED: JOHN M. WAKEFIELD

NA = Not Applicable

MONITORING WELL APPENDIX VI OR IX FOR FACILITIES IN ASSESSMENT

MW-20

Under assessment monitoring as per HWMR-5 Part VI Section 265.93(d) (4), (5) and (7) and 42 Federal Register, 25942 (July 9, 1987), please list values for the Appendix VII or IX parameters which were found in your Appendix IX scan.

PARAMETER	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1, - Dichloroethene	UG/L	<0.2	0.2	NA	10-7-96	8010
Trichloroethene	UG/L	0.4	0.3	NA	10-7-96	8010
1,1,1 Trichloroethane	UG/L	<1.0	1.0	NA	10-7-96	8010
1,2-Dibromoethane	UG/L	0.6	0.2	NA	10-7-96	8010

ND = Not Detected
NA = Not Applicable

007048

INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

This set of data sheets is for use by all facilities in assessment monitoring. [HWMR-5, Part VI, Section 265.93(d) (4), (5) and (7) (e) and (f), and Section 265.94(b).]

ENVIRONMENTAL IMPROVEMENT DIVISION
HAZARDOUS WASTE SECTION
1190 ST. FRANCIS DR./HAROLD RUNNELS BLDG.
SANTA FE, NEW MEXICO 87503

FACILITY NAME: SPARTON TECHNOLOGY, INC. 4th QUARTER 1996

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-21 SAMPLE COLLECTION BY: PETER H. METZNER

WELL DEPTH: 70.56 LABORATORY NAME: AEN

DATE SAMPLED: 10-4-96 LABORATORY SAMPLE I.D. #: 610317-08

TIME SAMPLED: 1247 DATE RECEIVED BY LAB: 10-4-96

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G. Water	71993	ft.	4979.26	10-4-96
Well Casing Volume	--------	gal.	0.24	10-4-96
Pump Rate	--------	gal./min.	0.01	10-4-96
Pump Period	72004	min.	57	10-4-96
Volume Evacuated	73675	gal.	0.75	10-4-96
Well Sampling Method	84077	--------	BLDRP	10-4-96
Sampler Material	--------	--------	TEFLN	N/A

WELL SAMPLING METHOD: BLDRP

INDICATOR PARAMETERS MW-21

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.72	NA	10-4-96	
	00400	S.U.				150.1
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	610	1	10-14-96	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	70	10	10-17-96	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	<1.0	1.0	10-15-96	
	00680	mg/l				415.2
	00680	mg/l				
	00680	mg/l				

NA = NOT APPLICABLE

GROUND WATER QUALITY PARAMETERS MW-21

GROUND WATER QUALITY PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	NA			
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	NA			
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	NA			
Sulfate	00945	mg/l	NA			
Turbidity		NTU	NA			

DATE OF THIS REPORT: 12-10-96

SIGNATURE: John M. Wakefield

NAME (PRINTED: JOHN M. WAKEFIELD

NA = Not Applicable

MONITORING WELL APPENDIX VI OR IX FOR FACILITIES IN ASSESSMENT

MW-21

Under assessment monitoring as per HWMR-5 Part VI Section 265.93(d) (4), (5) and (7) and 42 Federal Register, 25942 (July 9, 1987), please list values for the Appendix VII or IX parameters which were found in your Appendix IX scan.

PARAMETER	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1, - Dichloroethene	UG/L	6.4	0.2	NA	10-8-96	8010
Trichloroethene	UG/L	150	7.5	NA	10-9-96	8010
1,1,1 Trichloroethane	UG/L	48	25	NA	10-9-96	8010
Tetrachloroethene	UG/L	1.3	0.5	NA	10-8-96	8010
Carbon Tetrachloride	UG/L	0.2	0.2	NA	10-8-96	8010

ND = Not Detected
NA = Not Applicable

007052

INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

This set of data sheets is for use by all facilities in assessment monitoring. [HWMR-5, Part VI, Section 265.93(d) (4), (5) and (7) (e) and (f), and Section 265.94(b).]

ENVIRONMENTAL IMPROVEMENT DIVISION
HAZARDOUS WASTE SECTION
1190 ST. FRANCIS DR./HAROLD RUNNELS BLDG.
SANTA FE, NEW MEXICO 87503

FACILITY NAME: SPARTON TECHNOLOGY, INC. 4th QUARTER 1996

EPA I.D. NUMBER: NMD 083212332

WELL NUMBER: MW-22 SAMPLE COLLECTION BY: DON A. GUTIERREZ

WELL DEPTH: 76.05 LABORATORY NAME: AEN

DATE SAMPLED: 10-4-96 LABORATORY SAMPLE I.D. #: 610317-07

TIME SAMPLED: 1145 DATE RECEIVED BY LAB: 10-4-96

PARAMETERS	STORET CODE	UNITS	VALUE	DATE ANALYZED
Elevation of G. Water	71993	ft.	4978.97	10-4-96
Well Casing Volume	--------	gal.	1.13	10-4-96
Pump Rate	--------	gal./min.	0.10	10-4-96
Pump Period	72004	min.	34	10-4-96
Volume Evacuated	73675	gal.	3.5	10-4-96
Well Sampling Method	84077	--------	BLDRP	10-4-96
Sampler Material	--------	--------	TEFLN	N/A

WELL SAMPLING METHOD: BLDRP

INDICATOR PARAMETERS MW-22

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
pH	00400	S.U.	7.55	NA	10-4-96	
	00400	S.U.				150.1
	00400	S.U.				
	00400	S.U.				
Specific Conductivity	00095	umhos/cm	720	1	10-14-96	
	00095	umhos/cm				120.1
	00095	umhos/cm				
	00095	umhos/cm				
T.O.X.	70354	ug/l	50	10	10-17-96	
	70354	ug/l				9020
	70354	ug/l				
	70354	ug/l				
T.O.C.	00680	mg/l	<1.0	1.0	10-15-96	
	00680	mg/l				415.2
	00680	mg/l				
	00680	mg/l				

NA = NOT APPLICABLE

GROUND WATER QUALITY PARAMETERS

PARAMETERS	STORET CODE	UNITS	VALUE	DETECTION LIMIT	DATE ANALYZED	METHOD USED
Chloride	00940	mg/l	NA			
Iron	01045	ug/l	NA			
Manganese	71883	ug/l	NA			
Phenols	32730	ug/l	NA			
Sodium	00929	mg/l	NA			
Sulfate	00945	mg/l	NA			
Turbidity		NTU	NA			

DATE OF THIS REPORT: 12-10-96

SIGNATURE: John M. Wakefield

NAME (PRINTED: JOHN M. WAKEFIELD

NA = Not Applicable

MONITORING WELL APPENDIX VI OR IX FOR FACILITIES IN ASSESSMENT

MW-22

Under assessment monitoring as per HWMR-5 Part VI Section 265.93(d) (4), (5) and (7) and 42 Federal Register, 25942 (July 9, 1987), please list values for the Appendix VII or IX parameters which were found in your Appendix IX scan.

PARAMETER	UNITS	VALUE	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	METHOD USED
1,1, - Dichloroethene	UG/L	8.0	0.2	NA	10-8-96	8010
Trichloroethene	UG/L	33	3	NA	10-9-96	8010
1,1,1 Trichloroethane	UG/L	22	10	NA	10-9-96	8010
Carbon Tetrachloride	UG/L	0.2	0.2	NA	10-8-96	8010

ND = Not Detected
NA = Not Applicable

007056