TABLE 4-2 (cont.)
GROUNDWATER ANALYTICAL RESULTS - October 19-23, 1998
SOUTH POST IMPACT AREA WELLS (Sheet 3 of 3)
Devens - Ayer, Massachusetts
(Concentrations in ug/l)

PARAMETERS	BACKGROUND LEVELS	MCLs (ug/l) MA	MCLs (ug/l) Federal	DATE / Well No.	10/19/98 D - 1	10/20/98 41M-93-03X	10/20/98 41M-94-03B	10/20/98 41M-93-04X	10/20/98 41M-93-04XD	10/20/98 41M-94-09A	10/20/98 41M-94-09B	10/20/98 41M-94-11X	10/20/98 41M-94-12X	10/20/98 41M-94-14X
EXPLOSIVES														
1,3,5-Trinitrobenzene	na	na	na		<1.2	<1.2	<1.2	<1.2	<1.2	NS	NS	<1.2	<1.2	<1.2
1,3-Dinitrobenzene	1	na	na		<1.2	<1.2	<1.2	<1.2	<1.2	NS	NS	<1.2	<1.2	<1.2
2,4,6-Trinitrotoluene	2	na	na		<1.2	<1.2	<1.2	<1.2	<1.2	NS	NS	<1.2	<1.2	<1.2
2,4-Dinitrotoluene	30	na	na		<1.2	<1.2	<1.2	<1.2	<1.2	NS	NS	<1.2	<1.2	<1.2
2,6-Dinitrotoluene	na	na	na		<1.2	<1.2	<1.2	<1.2	<1.2	NS	NS	<1.2	<1.2	<1.2
2-Amino-4,6-Dinitrotoluene	na	na	na		<1.2	<1.2	<1.2	<1.2	<1.2	NS	NS	<1.2	<1.2	<1.2
2-Nitrotoluene	na	na	na		<2.6	<2.6	<2.6	<2.6	<2.6	NS	NS	<2.6	<2.6	<2.6
3-Nitrotoluene	na	na	na		<2.6	<2.6	<2.6	<2.6	<2.6	NS	NS	<2.6	<2.6	<2.6
4-Amino-2,6-Dinitrotoluene	na	na	na		<1.2	<1.2	<1.2	<1.2	<1.2	NS	NS	<1.2	<1.2	<1.2
4-Nitrotoluene	na	na	na		<2.6	<2.6	<2.6	<2.6	<2.6	NS	NS	<2.6	<2.6	<2.6
HMX	400	na	na		<2.6	<2.6	<2.6	<2.6	<2.6	NS	NS	<2.6	<2.6	<2.6
Tetryl	na	na	na		<2.6	<2.6	<2.6	<2.6	<2.6	NS	NS	<2.6	<2.6	<2.6
Nitrobenzene	na	na	na		<1.2	<1.2	<1.2	<1.2	<1.2	NS	NS	<1.2	<1.2	<1.2
RDX	2	na	na		<2.6	<2.6	<2.6	<2.6	<2.6	NS	NS	<2.6	<2.6	<2.6
VOLATILES														
1,1,2-Trichloroethane	na	5	5		pa	1	<1	<1	<1	NS	NS	<1	<1	<1
cis-1,2-Dichloroethene	na	70	70		pa	<1	<1	<1	<1	NS	NS	<1	<1	<1
Carbon tetrachloride	na	5	5		pa	<1	<1	<1	<1	NS	NS	<1	<1	<1
Carbon disulfide	na	na	na		pa	<1	<1	<1	<1	NS	NS	<1	<1	<1
Tetrachloroethene	na	5	5		pa	1J	<1	<1	<1	NS	NS	<1	<1	<1
trans-1,2-Dichloroethene	na	100	100		pa	<1	<1	<1	<1	NS	NS	<1	<1	<1
Trichloroethene	na	5	5		pa	218	<1	1J	1J	NS	NS	<1	<1	1J
Toluene	na	1000	1000		pa	<1	<1	<1	<1	NS	NS	<1	<1	<1
Vinyl chloride	na	2	2		pa	<1	<1	<1	<1	NS	NS	<1	<1	<1

Note: Background levels for explosives taken from Functional Area I RI.

LEGEND	
Shaded areas are above background levels. -	25
J = Estimated value	pa = Analyzed under Army contract
na = Not available.	-- = Parameter not measured

TABLE 4-3
AOC 25 - GROUNDWATER TRENDS
SOUTH POST IMPACT AREA WELLS 25M-92-06X, 25M-97-11X
CHEMICAL SUMMARY REPORT
(CONCENTRATIONS IN ug/l)

			DATE	06/23/93	11/17/92	03/02/93	06/23/93	10/30/97	10/21/98	10/30/97	10/21/98	10/21/98
			Well No.	25M-92-06X	25M-92-06X	25M-92-06X	25M-92-06X	25M-92-06X	25M-92-06X	25M-97-11X	25M-97-11X	25M-97-11XD
PARAMETERS	BACKGROUND		FILTERED?	YES	NO	NO	NO	LOW FLOW	LOW FLOW	LOW FLOW	LOW FLOW	LOW FLOW
	LEVELS	MA	Federal									
METALS		MCLs (ug/l)										
Silver, Total Ag	4.6	nl	nl	<2	<2	<4.6	<4.6	<15	<3.0	<15	<3.0	--
Aluminum, Total Al	6870	nl	nl	<25	8710	1640	16000	<100	350	<100	<200	--
Arsenic, Total As	10.5	50	50	<2	<2.54	<2.54	4.94	<8	<5.0	<8	<5.0	--
Barium, Total Ba	39.6	2000	2000	<10	38.4	9.35	86.6	<5	<10.0	<5	<10.0	--
Beryllium, Total Be	5	4	4	<5	<5	<5	<5	<5	<3.0	<5	<3.0	--
Calcium, Total Ca	14700	na	na	2990	3390	3290	3990	2440	2760	2610	2670	--
Cadmium, Total Cd	4.01	5	5	<5	<4.01	<4.01	<5	<10	<3.0	<10	<3.0	--
Cobalt, Total Co	25	na	na	<10	<25	<25	33.5	<30	<5.0	<30	<5.0	--
Chromium, Total Cr	14.7	100	100	<10	24.1	<6.02	141	<15	9.4	<15	<5.0	--
Copper, Total Cu	8.09	1300	1300	<10	<25	<25	38.6	<25	<5.0	<25	<5.0	--
Iron, Total Fe	9100	na	na	<25	33800	5230	56000	141	844	31	<100	--
Mercury, Total Hg	0.243	2	2	--	--	--	--	<0.200	<0.2	<0.200	<0.2	--
Potassium, Total K	2370	na	na	1190	2490	2020	2480	<1000	677	<1000	749	--
Magnesium, Total Mg	3480	na	na	711	1370	933	2800	690	776	980	971	--
Manganese, Total Mn	291	na	na	12.6	383	68.7	690	<5	13.6	<5	<5.0	--
Sodium, Total Na	10800	na	na	<2000	1950	2400	<2000	1880	2100	2660	2760	--
Nickel, Total Ni	34.3	na	100	<10	<34.3	<34.3	41.3	<40	5.6	<40	<5.0	--
Lead, Total Pb	4.25	15	15	<5	4.77	<1.26	11.6	<5	<3.0	<5	<3.0	--
Antimony, Total Sb	3.03	6	6	<5	<3.03	<3.03	<5	<8	<5.0	<8	<5.0	--
Selenium, Total Se	3.02	50	50	<2	<3.02	<3.02	<2	<10	<5.0	<10	<5.0	--
Thallium, Total Tl	6.99	2	2	--	--	--	--	<15	<2.0	<15	<2.0	--
Vanadium, Total V	11	na	na	<10	16.2	<11	38.0	<25	<5.0	<25	<5.0	--
Zinc, Total Zn	21.1	na	na	<20	54.2	<21.1	121	<25	50.4	<25	12.4	--
EXPLOSIVES												
1,3,5-Trinitrobenzene	na	na	na	--	--	--	--	<0.125	<1.20	<0.125J	<1.20	<1.20
1,3-Dinitrobenzene	1	na	na	--	--	--	--	<0.125	<1.20	<0.125J	<1.20	<1.20
2,4,6-Trinitrotoluene	2	na	na	--	<0.635	<0.635	<1	<0.125	<1.20	<0.125J	<1.20	<1.20
2,4-Dinitrotoluene	30	na	na	--	--	--	--	<0.125	<1.20	<0.125J	<1.20	<1.20
2,6-Dinitrotoluene	na	na	na	--	--	--	--	<0.125	<1.20	<0.125J	<1.20	<1.20
2-Amino-4,6-Dinitrotoluene	na	na	na	--	--	--	--	<0.125	<1.20	<0.125J	<1.20	<1.20
2-Nitrotoluene	na	na	na	--	--	--	--	<0.125	<2.60	<0.125J	<2.60	<2.60
3-Nitrotoluene	na	na	na	--	--	--	--	<0.125	<2.60	<0.125J	<2.60	<2.60
4-Amino-2,6-Dinitrotoluene	na	na	na	--	--	--	--	<0.125	<1.20	<0.125J	<1.20	<1.20
4-Nitrotoluene	na	na	na	--	--	--	--	<0.125	<2.60	<0.125J	<2.60	<2.60
HMX	400	na	na	--	<1.21	<1.21	<1	<1.0	<2.60	<1.0J	<2.60	<2.60
Tetryl	na	na	na	--	--	--	--	<0.5	<2.60	<0.5J	<2.60	<2.60
Nitrobenzene	na	na	na	--	--	--	--	<0.125	<1.20	<0.125J	<1.20	<1.20
RDX	2	na	na	--	<1.17	<1.17	<1J	<0.5	<2.60	<0.5J	<2.60	<2.60
PETN	na	na	na	--	<20	<20	<10	--	--	--	--	--

Notes: Background levels for Explosives are taken from Functional Area I RI.
Background levels for metals are taken from AOC 57 RI.

LEGEND	
Shaded areas are above background levels. -	10.25
J = Estimated value	
na = Not available.	-- = Parameter not measured

TABLE 4-4
AOC 26 - GROUNDWATER TRENDS
SOUTH POST IMPACT AREA WELL 26M-92-02X
CHEMICAL SUMMARY REPORT (Sheet 1 of 3)
(Concentrations in ug/l)

PARAMETERS	BACKGROUND LEVELS	MCLs (ug/l) MA	MCLs (ug/l) Federal	DATE	06/24/93	11/18/92	03/02/93	06/24/93	10/28/97	10/21/98
				Well No.	26M-92-02X	26M-92-02X	26M-92-02X	26M-92-02X	26M-92-02X	26M-92-02X
				FILTERED?	YES	NO	NO	NO	LOW FLOW	LOW FLOW
METALS										
Silver, Total Ag	4.6	na	na		--	--	--	--	<15	<3.0
Aluminum, Total Al	6870	na	na		<25	4190J	1030J	748J	170	219
Arsenic, Total As	10.5	50	50		5.07	<2.54	<2.54	4.94	<8	<5.0
Barium, Total Ba	39.6	2000	2000		<10	38.4	9.35	86.6	<5	<10.0
Beryllium, Total Be	5	4	4		--	--	--	--	<5	<3.0
Calcium, Total Ca	14700	na	na		2540	3190	2820	2520	2700	2690
Cadmium, Total Cd	4.01	5	5		--	--	--	--	<10	<3.0
Cobalt, Total Co	25	na	na		<10	<25	<25	<10	<30	<5.0
Chromium, Total Cr	14.7	100	100		<10	6.78	<6.02	<10	25	<5.0
Copper, Total Cu	8.09	1300	1300		<10	11.4	<8.09	<10	<25	<5.0
Iron, Total Fe	9100	na	na		<25	6290J	1130J	1200J	300	239
Mercury, Total Hg	0.243	2	2		--	--	--	--	<0.200	<0.2
Potassium, Total K	2370	na	na		<1000	1610	1820	<1000	<1000	<500
Magnesium, Total Mg	3480	na	na		929	1910	1090	1080	1090	1050
Manganese, Total Mn	291	na	na		<5	89.2J	20.9	17.8	5.5	<5.0
Sodium, Total Na	10800	na	na		3370	3280	3410	2920	3470	3490
Nickel, Total Ni	34.3	na	100		<10	<34.3	<34.3	<10	<40	<5.0
Lead, Total Pb	4.25	15	15		<5	4.99	3.15	<5	<5	<3.0
Antimony, Total Sb	3.03	6	6		--	--	--	--	<8	<5.0
Selenium, Total Se	3.02	50	50		<2	<3.02	<3.02	<2	<10	<5.0
Thallium, Total Tl	6.99	2	2		--	--	--	--	<15	<2.0
Vanadium, Total V	11	na	na		<10	<10	<11	<11	<25	<5.0
Zinc, Total Zn	21.1	na	na		76.7	50.2	95.3	99.3	27.6	14.3
EXPLOSIVES										
1,3,5-Trinitrobenzene	na	na	na		--	--	--	--	<0.125	<1.20
1,3-Dinitrobenzene	1	na	na		--	--	--	--	<0.125	<1.20
2,4,6-Trinitrotoluene	2	na	na		--	--	--	--	<0.125	<1.20
2,4-Dinitrotoluene	30	na	na		--	--	--	--	<0.125	<1.20
2,6-Dinitrotoluene	na	na	na		--	<0.074	<0.074	<1	<0.125	<1.20
2-Amino-4,6-Dinitrotoluene	na	na	na		--	--	--	--	<0.125	<1.20
2-Nitrotoluene	na	na	na		--	--	--	<1	<0.125	<2.60
3-Nitrotoluene	na	na	na		--	--	--	1.86	<0.125	<2.60
4-Amino-2,6-Dinitrotoluene	na	na	na		--	--	--	<1	<0.125	<1.20
4-Nitrotoluene	na	na	na		--	--	--	--	<0.125	<2.60
HMX	400	na	na		--	<1.21	<1.21	<1.21	<1.0	<2.60
Tetryl	na	na	na		--	--	--	--	<0.5	<2.60
Nitrobenzene	na	na	na		--	--	--	--	<0.125	<1.20
RDX	2	na	na		--	<1.17	<1.17	<1	<0.5	<2.60
PETN	na	na	na		--	24.8	<20	<20	--	--
Nitroglycerine	na	na	na		--	68.3	<10	<10	--	--

Notes: Background levels for Explosives are from Functional Area I RI.
Background levels for metals are from AOC 57 RI.

LEGEND

Shaded areas are above background levels. -	26
J = Estimated value	
na = Not available.	-- = Parameter not measured

TABLE 4-4 (cont.)
AOC 26 - GROUNDWATER TRENDS
SOUTH POST IMPACT AREA WELL 26M-92-03X
CHEMICAL SUMMARY REPORT (Sheet 2 of 3)
(Concentrations in ug/l)

PARAMETERS	BACKGROUND LEVELS	MA	Federal	DATE	06/24/93	11/18/92	03/02/93	06/24/93	10/28/97	10/21/98	10/21/98
				Well No.	26M-92-03X	26M-92-03X	26M-92-03X	26M-92-03X	26M-92-03X	26M-92-03X	26M-92-03XD
				FILTERED?	YES	NO	NO	NO	LOW FLOW	LOW FLOW	LOW FLOW
METALS		MCLs (ug/l)									
Silver, Total Ag	4.6	na	na		--	--	--	--	<15	<3.0	<3.0
Aluminum, Total Al	6870	na	na		<25	1050	323J	6700J	<100	<200	<200
Arsenic, Total As	10.5	50	50		<2	2.88	<2.54	5.60	<8	<5.0	<5.0
Barium, Total Ba	39.6	2000	2000		16.4	23.3	19.8	24.0	13.5	12.5	11.8
Beryllium, Total Be	5	4	4		--	--	--	--	<5	<3.0	<3.0
Calcium, Total Ca	14700	na	na		5650	6030	5920	5870	4400	4020	3810
Cadmium, Total Cd	4.01	5	5		--	--	--	--	<10	<3.0	<3.0
Cobalt, Total Co	25	na	na		<10	<25	<25	<10	<30	<5.0	<5.0
Chromium, Total Cr	14.7	100	100		<10	<6.02	<6.02	<10	28	<5.0	<5.0
Copper, Total Cu	8.09	1300	1300		<10	<8.09	<8.09	<10	<25	<5.0	<5.0
Iron, Total Fe	9100	na	na		<25	1310	419J	2300J	210	<100	<100
Mercury, Total Hg	0.243	2	2		--	--	--	--	<0.200	<0.2	<0.2
Potassium, Total K	2370	na	na		1010	2200	2610	1510	<1000	1060	1030
Magnesium, Total Mg	3480	na	na		589	697	651	936	610	<500	<500
Manganese, Total Mn	291	na	na		15.8	62.7	34.8	76.2	11.1	<5.0	<5.0
Sodium, Total Na	10800	na	na		2070	1900	2210	<2000	1740	1780	1750
Nickel, Total Ni	34.3	na	100		<10	<34.3	<34.3	<10	<40	<5.0	<5.0
Lead, Total Pb	4.25	15	15		<5	1.41	<1.26	<5	<5	<3.0	<3.0
Antimony, Total Sb	3.03	6	6		--	--	--	--	<8	<5.0	<5.0
Selenium, Total Se	3.02	50	50		<2	<3.02	<3.02	<2	<10	<5.0	<5.0
Thallium, Total Tl	6.99	2	2		--	--	--	--	<15	<2.0	<2.0
Vanadium, Total V	11	na	na		<10	<11	<11	<11	<25	<5.0	<5.0
Zinc, Total Zn	21.1	na	na		<20	<21.1	<21.1	24.4	33.2	12.4	87.3
EXPLOSIVES											
1,3,5-Trinitrobenzene	na	na	na		--	--	--	--	<0.125J	<1.20	<1.20
1,3-Dinitrobenzene	1	na	na		--	--	--	--	<0.125J	<1.20	<1.20
2,4,6-Trinitrotoluene	2	na	na		--	--	--	--	<0.125J	<1.20	<1.20
2,4-Dinitrotoluene	30	na	na		--	--	--	--	<0.125J	<1.20	<1.20
2,6-Dinitrotoluene	na	na	na		--	<0.074	<0.074	<1	<0.125J	<1.20	<1.20
2-Amino-4,6-Dinitrotoluene	na	na	na		--	--	--	--	<0.125J	<1.20	<1.20
2-Nitrotoluene	na	na	na		--	--	--	<1	<0.125J	<2.60	<2.60
3-Nitrotoluene	na	na	na		--	--	--	<1	<0.125J	<2.60	<2.60
4-Amino-2,6-Dinitrotoluene	na	na	na		--	--	--	<1	<0.125J	<1.20	<1.20
4-Nitrotoluene	na	na	na		--	--	--	--	<0.125J	<2.60	<2.60
HMX	400	na	na		--	11.2	9.42	8.93	3.8J	2.60	<2.60
Tetryl	na	na	na		--	--	--	--	<0.5J	<2.60	<2.60
Nitrobenzene	na	na	na		--	--	--	--	<0.125J	<1.20	<1.20
RDX	2	na	na		--	75	63.4	58	23J	6.9	<2.60
PETN	na	na	na		--	<20	<20	<10	--	--	--
Nitroglycerine	na	na	na		--	<10	<10	<10	--	--	--

Notes: Background levels for Explosives are from Functional Area I RI.
Background levels for metals are from AOC 57 RI.

LEGEND

Shaded areas are above background levels. -	25
J = Estimated value	
na = Not available.	-- = Parameter not measured

TABLE 4-4 (cont.)
AOC 26 - GROUNDWATER TRENDS
SOUTH POST IMPACT AREA WELLS 26M-92-04X, 26M-92-08X
CHEMICAL SUMMARY REPORT (Sheet 3 of 3)
(Concentrations in ug/l)

			DATE	6/24/93	11/18/92	3/03/92	6/24/93	10/21/98	10/28/97	10/21/98
			Well No.	26M-92-04X	26M-92-04X	26M-92-04X	26M-92-04X	26M-92-04X	26M-97-08X	26M-97-08X
PARAMETERS	BACKGROUND		FILTERED?	YES	NO	NO	NO	LOW FLOW	LOW FLOW	LOW FLOW
	LEVELS	MA	Federal							
METALS		MCLs (ug/l)								
Silver, Total Ag	4.6	na	na	--	--	--	--	<3.0	<15	<3.0
Aluminum, Total Al	6870	na	na	<25	24200	2560	6400	<200	110J	<200
Arsenic, Total As	10.5	50	50	<2	100	7.46	6.61	<5.0	<8	<5.0
Barium, Total Ba	39.6	2000	2000	<10	86.5	21.9	11	10.0	9.1J	10.0
Beryllium, Total Be	5	4	4	--	--	--	--	<3.0	<5	<3.0
Calcium, Total Ca	14700	na	na	7920	15200	18100	8780	10300	4330	3760
Cadmium, Total Cd	4.01	5	5	--	--	--	--	<3.0	<10	<3.0
Cobalt, Total Co	25	na	na	<10	44.8	<25	<10	<5.0	<30	8.5
Chromium, Total Cr	14.7	100	100	<10	26.8	8.14	<10	<5.0	<15	5.2
Copper, Total Cu	8.09	1300	1300	<10	32.4	<8.09	<10	<5.0	<25	<5.0
Iron, Total Fe	9100	na	na	<25	31300	3060	2000	<100	260	<100
Mercury, Total Hg	0.243	2	2	--	--	--	--	<0.2	<0.2	<0.2
Potassium, Total K	2370	na	na	<1000	6470	2250	<1000	790	<1000	793
Magnesium, Total Mg	3480	na	na	1080	4830	2410	1390	1250	534	<500
Manganese, Total Mn	291	na	na	19.7	57.6	<34.3	<10	19.8	17.1	6.1
Sodium, Total Na	10800	na	na	3690	5810	6010	3390	4100	2040	1950
Nickel, Total Ni	34.3	na	100	<10	57.6	<34.3	<10	<5.0	<40	<5.0
Lead, Total Pb	4.25	15	15	<5	27	6.4	<5	<3.0	<5	<3.0
Antimony, Total Sb	3.03	6	6	--	--	--	--	<5.0	<8	<5.0
Selenium, Total Se	3.02	50	50	3.56	<3.02	<3.02	<2.0	<5.0	<10	<5.0
Thallium, Total Tl	6.99	2	2	--	--	--	--	<2.0	<15	<2.0
Vanadium, Total V	11	na	na	<10	24.9	<11	<10	<5.0	<25	<5.0
Zinc, Total Zn	21.1	na	na	<20	59.5	<21.1	27.6	12.9	32.2J	21.5
EXPLOSIVES										
1,3,5-Trinitrobenzene	na	na	na	--	--	--	--	<1.20	<0.125J	<1.20
1,3-Dinitrobenzene	1	na	na	--	--	--	--	<1.20	<0.125J	<1.20
2,4,6-Trinitrotoluene	2	na	na	--	--	--	--	<1.20	<0.125J	<1.20
2,4-Dinitrotoluene	30	na	na	--	--	--	--	2.3	<0.125J	<1.20
2,6-Dinitrotoluene	na	na	na	--	5.42	2.06	4.78	<1.20	<0.125J	<1.20
2-Amino-4,6-Dinitrotoluene	na	na	na	--	--	--	--	<1.20	<0.125J	<1.20
2-Nitrotoluene	na	na	na	--	--	--	--	<2.60	<0.125J	<2.60
3-Nitrotoluene	na	na	na	--	--	--	--	<2.60	<0.125J	<2.60
4-Amino-2,6-Dinitrotoluene	na	na	na	--	--	--	--	<1.20	<0.125J	<1.20
4-Nitrotoluene	na	na	na	--	--	--	--	<2.60	<0.125J	<2.60
HMX	400	na	na	--	22.4	23	15.7	32.9	4.9J	6.3
Tetryl	na	na	na	--	--	--	--	<2.60	<0.5J	<2.60
Nitrobenzene	na	na	na	--	--	--	--	<1.20	<0.125J	<1.20
RDX	2	na	na	--	270	390	198	227.4	29J	28.5
PETN	na	na	na	--	<20	<20	<10	--	--	--
Nitroglycerine	na	na	na	--	<10	<10	<10	--	--	--

Notes: Background levels for Explosives are from Functional Area I RI.
Background levels for metals are from AOC 57 RI.

LEGEND		
Shaded areas are above background levels. -		25
J = Estimated value		
na = Not available.	-- = Parameter not measured	

TABLE 4-5
AOC 27 - GROUNDWATER TRENDS
SOUTH POST IMPACT AREA - WELL 27M-92-01X
CHEMICAL SUMMARY REPORT (Sheet 1 of 4)
(Concentrations in ug/l)

PARAMETERS	BACKGROUND LEVELS	MA	Federal	DATE	09/21/92	01/13/93	10/29/97	10/19/98
				Well No.	27M-92-01X	27M-92-01X	27M-92-01X	27M-92-01X
				FILTERED?	NO	NO	LOW FLOW	LOW FLOW
METALS		MCLs (ug/l)						
Silver, Total Ag	4.6	na	na		<4.6	<4.6	<15	<3
Aluminum, Total Al	6870	na	na		<3.03	<3.03	1680	747
Arsenic, Total As	10.5	50	50		25.3	25.9	<8	<10
Barium, Total Ba	39.6	2000	2000		121	101	13.4	<10
Beryllium, Total Be	5	4	4		<5	<5	<5	<3
Calcium, Total Ca	14700	na	na		11400	9740	5660	8800
Cadmium, Total Cd	4.01	5	5		<4.01	<4.01	<10	<3
Cobalt, Total Co	25	na	na		<25	<25	<30	<5
Chromium, Total Cr	14.7	100	100		46.4	85.6	78.8	<5
Copper, Total Cu	8.09	1300	1300		29.4	26.9	<25	<5
Iron, Total Fe	9100	na	na		41500	32700	2530	615
Mercury, Total Hg	0.243	2	2		<0.243	<0.240	<0.200	<0.2
Potassium, Total K	2370	na	na		8680	8250	1500	1850
Magnesium, Total Mg	3480	na	na		8810	7740	1120	820
Manganese, Total Mn	291	na	na		820	685	83.7	11.1
Sodium, Total Na	10800	na	na		4560	4690	3880	4970
Nickel, Total Ni	34.3	na	100		62.1	<34.3	68.5	<5
Lead, Total Pb	4.25	15	15		17.4	15.3	<5	<3
Antimony, Total Sb	3.03	6	6		<3.03	<3.03	<8	<5
Selenium, Total Se	3.02	50	50		--	--	<10	<5
Thallium, Total Tl	6.99	2	2		--	--	<15	<2
Vanadium, Total V	11	na	na		44.9	44.9	<25	<5
Zinc, Total Zn	21.1	na	na		125	119	25.8	97.6
EXPLOSIVES								
1,3,5-Trinitrobenzene	nl	na	na		--	--	<0.125	<1.2
1,3-Dinitrobenzene	1	na	na		<0.611	<0.611	<0.125	<1.2
2,4,6-Trinitrotoluene	2	na	na		--	--	<0.125	<1.2
2,4-Dinitrotoluene	30	na	na		<0.064	<0.064	<0.125	<1.2
2,6-Dinitrotoluene	na	na	na		--	--	<0.125	<1.2
2-Amino-4,6-Dinitrotoluene	na	na	na		--	--	<0.125	<1.2
2-Nitrotoluene	na	na	na		--	--	<0.125	<2.6
3-Nitrotoluene	na	na	na		--	--	<0.125	<2.6
4-Amino-2,6-Dinitrotoluene	na	na	na		--	--	<0.125	<1.2
4-Nitrotoluene	na	na	na		--	--	<0.125	<2.6
HMX	400	na	na		2.77	3.73	1.1	<2.6
Tetryl	na	na	na		--	--	<0.5	<2.6
Nitrobenzene	na	na	na		--	--	<0.125	<1.2
RDX	2	na	na		12.1	12.3	4.6	2.8

Notes: Background levels for Explosives are taken from Functional Area I RI.
Background levels for metals are taken from AOC 57 RI.

LEGEND

Shaded areas are above background levels. -	25
J = Estimated value	
na = Not available.	-- = Parameter not measured

TABLE 4-5 (cont.)
AOC 27 - GROUNDWATER TRENDS
SOUTH POST IMPACT AREA - WELL 27M-92-05X
CHEMICAL SUMMARY REPORT (Sheet 2 of 4)
(Concentrations In ug/l)

PARAMETERS	BACKGROUND LEVELS	MA	Federal	DATE	08/17/93	11/10/93	08/17/93	11/10/93	10/29/97	10/19/98
				Well No.	27M-93-05X	27M-93-05X	27M-93-05X	27M-93-05X	27M-93-05X	27M-92-05X
				FILTERED?	YES	YES	NO	NO	LOW FLOW	LOW FLOW
METALS		MCLs (ug/l)								
Silver, Total Ag	4.6	na	na		<2	<2	<2	<2	<15	<3
Aluminum, Total Al	6870	na	na		72.3	115J	2000	254J	2360	<200
Arsenic, Total As	10.5	50	50		4.96	5.22	10.8	6.64	<8	<10
Barium, Total Ba	39.6	2000	2000		<10	<10	15	<10	27.4	<10
Beryllium, Total Be	5	4	4		0.113J	<5	0.123J	<5	<5	<3
Calcium, Total Ca	14700	na	na		11400	6730	11500	4640J	16700	4600
Cadmium, Total Cd	4.01	5	5		<5	<5	<5	<5	<10	<3
Cobalt, Total Co	25	na	na		<10	<10	<10	<10	<30	<5
Chromium, Total Cr	14.7	100	100		<10	3.69J	7.38J	<10	30.4	<5
Copper, Total Cu	8.09	1300	1300		<10	<10	5.92J	<10	<25	<5
Iron, Total Fe	9100	na	na		22.6J	14.5	3000J	395J	2690	<100
Mercury, Total Hg	0.243	2	2		<0.200	<0.200	<0.200	<0.200	<0.200	<0.2
Potassium, Total K	2370	na	na		1120	<1000	1580	549J	4500	706
Magnesium, Total Mg	3480	na	na		1800	1790	2400	1200	2280	1190
Manganese, Total Mn	291	na	na		1.46J	4.45J	102	32.1	107	<5
Sodium, Total Na	10800	na	na		5300	3320	5370	2120	9260	2250
Nickel, Total Ni	34.3	na	100		<10	<10	8.94J	<10	<40	<5
Lead, Total Pb	4.25	15	15		<5	<5	<5	3.19J	8	<3
Antimony, Total Sb	3.03	6	6		<5	<5	<5	<5	<8	<5
Selenium, Total Se	3.02	50	50		--	--	--	--	<10	<5
Thallium, Total Tl	6.99	2	2		--	--	--	--	<15	<2
Vanadium, Total V	11	na	na		<10	<10	<10	<10	<25	<5
Zinc, Total Zn	21.1	na	na		9.65J	5.05J	34.6	57.8J	76.1	<10
EXPLOSIVES										
1,3,5-Trinitrobenzene	nl	na	na		--	--	--	--	<0.125	<1.2
1,3-Dinitrobenzene	1	na	na		--	--	0.288J	1.03	<0.125	<1.2
2,4,6-Trinitrotoluene	2	na	na		--	--	--	--	<0.125	<1.2
2,4-Dinitrotoluene	30	na	na		--	--	<1.0	0.281J	<0.125	<1.2
2,6-Dinitrotoluene	na	na	na		--	--	--	--	<0.125	<1.2
2-Amino-4,6-Dinitrotoluene	na	na	na		--	--	--	--	<0.125	<1.2
2-Nitrotoluene	na	na	na		--	--	<1.0	<1.0	<0.125	<2.6
3-Nitrotoluene	na	na	na		--	--	0.602	<1.0	<0.125	<2.6
4-Amino-2,6-Dinitrotoluene	na	na	na		--	--	<1.0	<1.0	<0.125	<1.2
4-Nitrotoluene	na	na	na		--	--	--	--	<0.125	<2.6
HMX	400	na	na		--	--	<1.0	<1.0	<1.0	<2.6
Tetryl	na	na	na		--	--	--	--	<0.5	<2.6
Nitrobenzene	na	na	na		--	--	--	--	<0.125	<1.2
RDX	2	na	na		--	--	1.02	0.788J	<0.5	<2.6

Notes: Background levels for Explosives are taken from Functional Area I RI.
Background levels for metals aretaken from AOC 57 RI.

LEGEND	
Shaded areas are above background levels. -	25
J = Estimated value	
na = Not available.	-- = Parameter not measured

TABLE 4-5 (cont.)
AOC 27 - GROUNDWATER TRENDS
SOUTH POST IMPACT AREA WELL 27M-93-06X
CHEMICAL SUMMARY REPORT (Sheet 3 of 4)
(Concentrations in ug/l)

PARAMETERS	BACKGROUND LEVELS	MA	Federal	DATE	08/18/93	11/10/93	08/18/93	11/10/93	10/29/97	10/19/98
				Well No.	27M-93-06X	27M-93-06X	27M-93-06X	27M-93-06X	27M-93-06X	27M-93-06X
				FILTERED?	YES	YES	NO	NO	LOW FLOW	LOW FLOW
METALS		MCLs (ug/l)								
Silver, Total Ag	4.6	na	na		<2	<2	1.49J	<2	<15	<3
Aluminum, Total Al	6870	na	na		26.1	75.8J	356	366J	<100	<200
Arsenic, Total As	10.5	50	50		<2	<2	<2	1.03J	<8	<10
Barium, Total Ba	39.6	2000	2000		<10	<10	3.88J	3.99J	<5	<10
Beryllium, Total Be	5	4	4		0.315J	<5	0.204J	<5	<5	<3
Calcium, Total Ca	14700	na	na		5190	4370	5370	4360J	4920	4600
Cadmium, Total Cd	4.01	5	5		<5	2.79	<5	<5	<10	<3
Cobalt, Total Co	25	na	na		<10	<10	<10	<10	<30	<5
Chromium, Total Cr	14.7	100	100		<10	<10	<10	<10	<15	<5
Copper, Total Cu	8.09	1300	1300		<10	<10	1.62J	<10	<25	<5
Iron, Total Fe	9100	na	na		21.6J	24.4J	609J	514J	189	<100
Mercury, Total Hg	0.243	2	2		<0.200	<0.200	<0.200	<0.200	<0.200	<0.2
Potassium, Total K	2370	na	na		<1000	432J	1500	787J	1000	706
Magnesium, Total Mg	3480	na	na		1170	1130	1260	1270	1310	1190
Manganese, Total Mn	291	na	na		40.5	13.2J	54.6	35.4	6.1	<5
Sodium, Total Na	10800	na	na		3290	818J	3110	3340	2460	2250
Nickel, Total Ni	34.3	na	100		<10	<10	<10	<10	<40	<5
Lead, Total Pb	4.25	15	15		<5	0.9J	<5	0.93J	<5	<3
Antimony, Total Sb	3.03	6	6		<5	<5	<5	1.78J	<8	<5
Selenium, Total Se	3.02	50	50		--	--	--	--	<10	<5
Thallium, Total Tl	6.99	2	2		--	--	--	--	<15	<2
Vanadium, Total V	11	na	na		<10	<10	<10	<10	<25	<5
Zinc, Total Zn	21.1	na	na		15.1J	232J	15.1J	232J	<25	<10
EXPLOSIVES										
1,3,5-Trinitrobenzene	na	na	na		--	--	--	--	<0.125	<1.2
1,3-Dinitrobenzene	1	na	na		--	--	<1	1.09J	<0.125	<1.2
2,4,6-Trinitrotoluene	2	na	na		--	--	--	--	<0.125	<1.2
2,4-Dinitrotoluene	30	na	na		--	--	<1	<1	<0.125	<1.2
2,6-Dinitrotoluene	na	na	na		--	--	--	--	<0.125	<1.2
2-Amino-4,6-Dinitrotoluene	na	na	na		--	--	--	--	<0.125	<1.2
2-Nitrotoluene	na	na	na		--	--	<1	<1	<0.125	<2.6
3-Nitrotoluene	na	na	na		--	--	<1	<1	<0.125	<2.6
4-Amino-2,6-Dinitrotoluene	na	na	na		--	--	<1	<1	<0.125	<1.2
4-Nitrotoluene	na	na	na		--	--	--	--	<0.125	<2.6
HMX	400	na	na		--	--	0.699J	0.894J	<1.0	<2.6
Tetryl	na	na	na		--	--	--	--	<0.5	<2.6
Nitrobenzene	na	na	na		--	--	--	--	<0.125	<1.2
RDX	2	na	na		--	--	1.56	1.77	2.2	2.2J

Notes.: Background levels for Explosives are taken from Functional Area I RI.
Background levels for metals are taken from AOC 57 RI.

LEGEND

Shaded areas are above background levels. -	125
J = Estimated value	
na = Not available.	-- = Parameter not measured

TABLE 4-5 (cont.)
AOC 27 - GROUNDWATER TRENDS
SOUTH POST IMPACT AREA WELL 27M-93-08X
CHEMICAL SUMMARY REPORT (Sheet 4 of 4)
(Concentrations in ug/l)

PARAMETERS	BACKGROUND LEVELS	MA	Federal	DATE	08/17/93	11/10/93	08/17/93	11/10/93	11/03/97	10/19/98
				Well No.	27M-93-08X	27M-93-08X	27M-93-08X	27M-93-08X	27M-93-08X	27M-93-08X
				FILTERED?	YES	YES	NO	NO	LOW FLOW	LOW FLOW
METALS		MCLs (ug/l)								
Silver, Total Ag	4.6	na	na		<2	<2	<2	<2	<15	<3
Aluminum, Total Al	6870	na	na		<25	66.3J	279	168J	<100	<200
Arsenic, Total As	10.5	50	50		<2	1.36J	<2	<2	<8	<10
Barium, Total Ba	39.6	2000	2000		6.19J	4.30J	8.02J	5.94J	<5	<10
Beryllium, Total Be	5	4	4		0.087J	<5	0.164J	<5	<5	<3
Calcium, Total Ca	14700	na	na		10200	4910	10800	5360J	7040	8370
Cadmium, Total Cd	4.01	5	5		<5	<5	<5	<5	<10	<3
Cobalt, Total Co	25	na	na		<10	<10	<10	<10	<30	<5
Chromium, Total Cr	14.7	100	100		<10	<10	<10	<10	<15	<5
Copper, Total Cu	8.09	1300	1300		<10	<10	2.58J	4.94J	<25	<5
Iron, Total Fe	9100	na	na		<25	<25	384J	218J	42	141
Mercury, Total Hg	0.243	2	2		<0.200	<0.200	<0.200	<0.200	<0.200	<0.2
Potassium, Total K	2370	na	na		2330	1470	2570	2640	1800	1710
Magnesium, Total Mg	3480	na	na		2580	812	2680	899	1690	1970
Manganese, Total Mn	291	na	na		74.1	35.9J	85.8	41.9	<5	10.8
Sodium, Total Na	10800	na	na		10900	9560	11100	11800	6680	6460
Nickel, Total Ni	34.3	na	100		<10	<10	<10	<10	<40	<5
Lead, Total Pb	4.25	15	15		<5	<5	2.95J	<5	<5	<3
Antimony, Total Sb	3.03	6	6		<5	<5	<5	<5	<8	<5
Selenium, Total Se	3.02	50	50		--	--	--	--	<10	<5
Thallium, Total Tl	6.99	2	2		--	--	--	--	<15	<2
Vanadium, Total V	11	na	na		<10	<10	<10	<10	<25	<5
Zinc, Total Zn	21.1	na	na		112	124	122	118J	<25	<10
EXPLOSIVES										
1,3,5-Trinitrobenzene	na	na	na		--	--	--	--	<0.125	<1.2
1,3-Dinitrobenzene	1	na	na		--	--	1.82	1.03	<0.125	<1.2
2,4,6-Trinitrotoluene	2	na	na		--	--	--	--	<0.125	<1.2
2,4-Dinitrotoluene	30	na	na		--	--	<1	<1	<0.125	<1.2
2,6-Dinitrotoluene	na	na	na		--	--	--	--	<0.125	<1.2
2-Amino-4,6-Dinitrotoluene	na	na	na		--	--	--	--	<0.125	<1.2
2-Nitrotoluene	na	na	na		--	--	<1	<1	<0.125	<2.6
3-Nitrotoluene	na	na	na		--	--	2.76	<1	<0.125	<2.6
4-Amino-2,6-Dinitrotoluene	na	na	na		--	--	<1	<1	<0.125	<1.2
4-Nitrotoluene	na	na	na		--	--			<0.125	<2.6
HMX	400	na	na		--	--	0.11J	<1	<1.0	<2.6
Tetryl	na	na	na		--	--	--	--	<0.5	<2.6
Nitrobenzene	na	na	na		--	--	--	--	<0.125	<1.2
RDX	2	na	na		--	--	<1	<1	<0.5	<2.6

Notes : Background levels for Explosives are taken from Functional Area I RI.
Background levels for metals are taken from AOC 57 RI.

LEGEND	
Shaded areas are above background levels. -	126
J = Estimated value	
na = Not available.	-- = Parameter not measured

TABLE 4-6
AOC 41 - GROUNDWATER TRENDS
SOUTH POST IMPACT AREA WELLS 41M-93-03X, 41M-94-03B
CHEMICAL SUMMARY REPORT (Sheet 1 of 5)
(Concentrations in ug/l)

PARAMETERS	BACKGROUND LEVELS	MA MCLs (ug/l)	Federal MCLs (ug/l)	DATE	10/14/93	01/20/94	12/06/94	03/20/95	10/20/98	12/08/94	03/20/95	10/20/98
				Well No.	41M-93-03X	41M-93-03X	41M-93-03X	41M-93-03X	41M-93-03X	41M-84-03B	41M-94-03B	41M-94-03B
EXPLOSIVES												
1,3,5-Trinitrobenzene	na	na	na		--	--	--	--	<1.2	--	--	<1.2
1,3-Dinitrobenzene	1	na	na		--	--	--	--	<1.2	--	--	<1.2
2,4,6-Trinitrotoluene	2	na	na		--	--	--	--	<1.2	--	--	<1.2
2,4-Dinitrotoluene	30	na	na		--	--	--	--	<1.2	--	--	<1.2
2,6-Dinitrotoluene	na	na	na		--	--	--	--	<1.2	--	--	<1.2
2-Amino-4,6-Dinitrotoluene	na	na	na		--	--	--	--	<1.2	--	--	<1.2
2-Nitrotoluene	na	na	na		--	--	--	--	<2.6	--	--	<2.6
3-Nitrotoluene	na	na	na		--	--	--	--	<2.6	--	--	<2.6
4-Amino-2,6-Dinitrotoluene	na	na	na		--	--	--	--	<1.2	--	--	<1.2
4-Nitrotoluene	na	na	na		--	--	--	--	<2.6	--	--	<2.6
HMX	400	na	na		--	--	--	--	<2.6	--	--	<2.6
Tetryl	na	na	na		--	--	--	--	<2.6	--	--	<2.6
Nitrobenzene	na	na	na		--	--	--	--	<1.2	--	--	<1.2
RDX	2	na	na		--	--	--	--	<2.6	--	--	<2.6
VOLATILES												
1,1,2-Trichloroethane	na	5	5		--	--	--	--	1	--		<1
cis-1,2-Dichloroethene	na	70	70		<1	<0.5	<0.5	<1	<1	<0.5	<0.5	<1
Carbon tetrachloride	na	5	5		<1	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1
Carbon disulfide	na	na	na		<1	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1
Tetrachloroethene	na	5	5		<1	<1.6	<1.6	<3	1J	<1.6	<1.6	<1
trans-1,2-Dichloroethene	na	100	100		<1	<0.5	<0.5	<1	<1	<0.5	<0.5	<1
Trichloroethene	na	5	5		200	150	200	180	218	<0.5	<0.5	<1
Toluene	na	1000	1000		<1	0.7	1	<1	<1	0.6	<0.5	<1
Vinyl chloride	na	2	2		--	--	--	--	<1	--	--	<1

Note: Background levels for Explosives taken from Functional Area I RI.

LEGEND	
Shaded areas are above background levels. -	25
J = Estimated value	NS = Not sampled
na = Not available.	-- = Parameter not measured

TABLE 4-6
AOC 41 - GROUNDWATER TRENDS
SOUTH POST IMPACT AREA WELL 41M-93-04X
CHEMICAL SUMMARY REPORT (Sheet 2 of 5)
(Concentrations in ug/l)

PARAMETERS	BACKGROUND LEVELS	MA MCLs (ug/l)	Federal MCLs (ug/l)	DATE	12/07/94	03/13/95	10/31/97	10/31/97	10/20/98	10/20/98
				Well No.	41M-93-04X	41M-93-04X	41M-93-04X	41M-93-04XD	41M-93-04X	41M-93-04XD
EXPLOSIVES										
1,3,5-Trinitrobenzene	na	na	na		--	--	<0.125	<0.125	<1.2	<1.2
1,3-Dinitrobenzene	1	na	na		--	--	<0.125	<0.125	<1.2	<1.2
2,4,6-Trinitrotoluene	2	na	na		<0.63	<0.63	<0.125	<0.125	<1.2	<1.2
2,4-Dinitrotoluene	30	na	na		--	--	<0.125	<0.125	<1.2	<1.2
2,6-Dinitrotoluene	na	na	na		--	--	<0.125	<0.125	<1.2	<1.2
2-Amino-4,6-Dinitrotoluene	na	na	na		--	--	<0.125	<0.125	<1.2	<1.2
2-Nitrotoluene	na	na	na		--	--	<0.125	<0.125	<2.6	<2.6
3-Nitrotoluene	na	na	na		--	--	<0.125	<0.125	<2.6	<2.6
4-Amino-2,6-Dinitrotoluene	na	na	na		--	--	<0.125	<0.125	<1.2	<1.2
4-Nitrotoluene	na	na	na		--	--	<0.125	<0.125	<2.6	<2.6
HMX	400	na	na		--	--	<1.0	<1.0	<2.6	<2.6
Tetryl	na	na	na		--	--	<0.5	<0.5	<2.6	<2.6
Nitrobenzene	na	na	na		--	--	<0.125	<0.125	<1.2	<1.2
RDX	2	na	na		--	--	<0.5	<0.5	<2.6	<2.6
VOLATILES										
1,1,2-Trichloroethane	na	5	5		--	--	<5	<5	<1	<1
cis-1,2-Dichloroethene	na	70	70		<0.5	<0.5	<5	<5	<1	<1
Carbon tetrachloride	na	5	5		<0.5	<0.5	<5	<5	<1	<1
Carbon disulfide	na	na	na		<0.5	<0.5	<5	<5	<1	<1
Tetrachloroethene	na	5	5		<1.6	<1.6	<5	3J	<1	<1
trans-1,2-Dichloroethene	na	100	100		<0.5	<0.5	<5	<5	<1	<1
Trichloroethene	na	5	5		1.3	<0.5	<5	<5	1J	1J
Toluene	na	1000	1000		0.63	<0.5	<5	<5	<1	<1
Vinyl chloride	na	2	2		--	--	<5	<5	<1	<1

Note: Background levels for Explosives taken from Functional Area I RI.

LEGEND	
Shaded areas are above background levels. -	25
J = Estimated value	NS = Not sampled
na = Not available.	-- = Parameter not measured

TABLE 4-6
AOC 41 - GROUNDWATER TRENDS
SOUTH POST IMPACT AREA WELLS 41M-94-09A, 41M-04-09B
CHEMICAL SUMMARY REPORT (Sheet 3 of 5)
(Concentrations in ug/l)

PARAMETERS	BACKGROUND LEVELS	MA MCLs (ug/l)	Federal MCLs (ug/l)	DATE	12/06/94	03/15/95	10/31/97	10/20/98	12/05/94	03/15/95	10/31/97	10/20/98
				Well No.	41M-94-09A	41M-94-09A	41M-94-09A	41M-94-09A	41M-94-09B	41M-94-09B	41M-94-09B	41M-94-09B
EXPLOSIVES												
1,3,5-Trinitrobenzene	na	na	na		--	--	NS	NS	--	--	<0.125	NS
1,3-Dinitrobenzene	1	na	na		--	--	NS	NS	--	--	<0.125	NS
2,4,6-Trinitrotoluene	2	na	na		<0.63	<0.63	NS	NS	<0.63	<0.63	<0.125	NS
2,4-Dinitrotoluene	30	na	na		--	--	NS	NS	--	--	<0.125	NS
2,6-Dinitrotoluene	na	na	na		--	--	NS	NS	--	--	<0.125	NS
2-Amino-4,6-Dinitrotoluene	na	na	na		--	--	NS	NS	--	--	<0.125	NS
2-Nitrotoluene	na	na	na		--	--	NS	NS	--	--	<0.125	NS
3-Nitrotoluene	na	na	na		--	--	NS	NS	--	--	<0.125	NS
4-Amino-2,6-Dinitrotoluene	na	na	na		--	--	NS	NS	--	--	<0.125	NS
4-Nitrotoluene	na	na	na		--	--	NS	NS	--	--	<0.125	NS
HMX	400	na	na		--	--	NS	NS	--	--	<1.0	NS
Tetryl	na	na	na		--	--	NS	NS	--	--	<0.5	NS
Nitrobenzene	na	na	na		--	--	NS	NS	--	--	<0.125	NS
RDX	2	na	na		--	--	NS	NS	--	--	<0.5	NS
VOLATILES												
1,1,2-Trichloroethane	na	5	5		--	--	NS	NS	--	--	<5	NS
cis-1,2-Dichloroethene	na	70	70		<0.5	<0.5	NS	NS	<0.5	<0.5	<5	NS
Carbon tetrachloride	na	5	5		<0.5	<0.5	NS	NS	<0.5	<0.5	<5	NS
Carbon disulfide	na	na	na		<0.5	<0.5	NS	NS	<0.5	<0.5	<5	NS
Tetrachloroethene	na	5	5		<1.6	<1.6	NS	NS	<1.6	<1.6	<5	NS
trans-1,2-Dichloroethene	na	100	100		<0.5	<0.5	NS	NS	<0.5	<0.5	<5	NS
Trichloroethene	na	5	5		<0.5	<0.5	NS	NS	<0.5	<0.5	<5	NS
Toluene	na	1000	1000		<0.5	<0.5	NS	NS	<0.65	<0.65	<5	NS
Vinyl chloride	na	2	2		--	--	NS	NS	--	--	<5	NS

Note: Background levels for Explosives taken from Functional Area I RI.

LEGEND	
Shaded areas are above background levels.	25
J = Estimated value	NS = Not sampled
na = Not available.	-- = Parameter not measured

TABLE 4-6 (cont.)
AOC 41 - GROUNDWATER TRENDS
SOUTH POST IMPACT AREA WELLS 41M-94-11X, 41M-94-12X
CHEMICAL SUMMARY REPORT (Sheet 4 of 5)
(Concentrations in ug/l)

PARAMETERS	BACKGROUND LEVELS	MA MCLs (ug/l)	Federal MCLs (ug/l)	DATE / Well No. 12/06/94 41M-94-11X	03/14/95 41M-94-11X	10/31/97 41M-94-11X	10/20/98 41M-94-11X	12/05/94 41M-94-11X	03/15/95 41M-94-12X	10/31/97 41M-94-12X	10/20/98 41M-94-12X
EXPLOSIVES											
1,3,5-Trinitrobenzene	na	na	na	--	--	<0.125	<1.2	--	--	<0.125	<1.2
1,3-Dinitrobenzene	1	na	na	--	--	<0.125	<1.2	--	--	<0.125	<1.2
2,4,6-Trinitrotoluene	2	na	na	<0.63	<0.63	<0.125	<1.2	<0.63	<0.63	<0.125	<1.2
2,4-Dinitrotoluene	30	na	na	--	--	<0.125	<1.2	--	--	<0.125	<1.2
2,6-Dinitrotoluene	na	na	na	--	--	<0.125	<1.2	--	--	<0.125	<1.2
2-Amino-4,6-Dinitrotoluene	na	na	na	--	--	<0.125	<1.2	--	--	<0.125	<1.2
2-Nitrotoluene	na	na	na	--	--	<0.125	<2.6	--	--	<0.125	<2.6
3-Nitrotoluene	na	na	na	--	--	<0.125	<2.6	--	--	<0.125	<2.6
4-Amino-2,6-Dinitrotoluene	na	na	na	--	--	<0.125	<1.2	--	--	<0.125	<1.2
4-Nitrotoluene	na	na	na	--	--	<0.125	<2.6	--	--	<0.125	<2.6
HMX	400	na	na	--	--	<1.0	<2.6	--	--	<1.0	<2.6
Tetryl	na	na	na	--	--	<0.5	<2.6	--	--	<0.5	<2.6
Nitrobenzene	na	na	na	--	--	<0.125	<1.2	--	--	<0.125	<1.2
RDX	2	na	na	--	--	<0.5	<2.6	--	--	<0.5	<2.6
VOLATILES											
1,1,2-Trichloroethane	na	5	5	--	--	<5	<1	--	--	<5	<1
cis-1,2-Dichloroethene	na	70	70	<0.5	<0.5	<5	<1	<0.5	<0.5	<5	<1
Carbon tetrachloride	na	5	5	<0.5	<0.5	<5	<1	<0.5	<0.5	<5	<1
Carbon disulfide	na	na	na	<0.5	<0.5	<5	<1	<0.5	<0.5	<5	<1
Tetrachloroethene	na	5	5	<1.6	<1.6	<5	<1	<1.6	<1.6	<5	<1
trans-1,2-Dichloroethene	na	100	100	<0.5	<0.5	<5	<1	<0.5	<0.5	<5	<1
Trichloroethene	na	5	5	<0.5	<0.5	<5	<1	<0.5	<0.5	<5	<1
Toluene	na	1000	1000	0.86	<0.5	<5	<1	<0.5	<0.5	<5	<1
Vinyl chloride	na	2	2	--	--	<5	<1	--	--	<5	<1

LEGEND	
Shaded areas are above background levels. -	25
J = Estimated value	
na = Not available.	-- = Parameter not measured

Note: Background levels for explosives taken from Functional Area I RI.

TABLE 4-6 (cont.)
AOC 41 - GROUNDWATER TRENDS
SOUTH POST IMPACT AREA WELL 41M-94-14X
CHEMICAL SUMMARY REPORT (Sheet 5 of 5)
(Concentrations in ug/l)

PARAMETERS	BACKGROUND LEVELS	MA MCLs (ug/l)	Federal MCLs (ug/l)	DATE 12/07/94 Well No. 41M-94-14X	03/13/95 41M-94-14X	10/31/97 41M-94-14X	10/20/98 41M-94-14X
EXPLOSIVES							
1,3,5-Trinitrobenzene	na	na	na	--	--	<0.125	<1.2
1,3-Dinitrobenzene	1	na	na	--	--	<0.125	<1.2
2,4,6-Trinitrotoluene	2	na	na	<0.63	<0.63	<0.125	<1.2
2,4-Dinitrotoluene	30	na	na	--	--	<0.125	<1.2
2,6-Dinitrotoluene	na	na	na	--	--	<0.125	<1.2
2-Amino-4,6-Dinitrotoluene	na	na	na	--	--	<0.125	<1.2
2-Nitrotoluene	na	na	na	--	--	<0.125	<2.6
3-Nitrotoluene	na	na	na	--	--	<0.125	<2.6
4-Amino-2,6-Dinitrotoluene	na	na	na	--	--	<0.125	<1.2
4-Nitrotoluene	na	na	na	--	--	<0.125	<2.6
HMX	400	na	na	--	--	<1.0	<2.6
Tetryl	na	na	na	--	--	<0.5	<2.6
Nitrobenzene	na	na	na	--	--	<0.125	<1.2
RDX	2	na	na	--	--	<0.5	<2.6
VOLATILES							
1,1,2-Trichloroethane	na	5	5	--	--	<5	<1
cis-1,2-Dichloroethene	na	70	70	<0.5	<0.5	<5	<1
Carbon tetrachloride	na	5	5	<0.5	<0.5	<5	<1
Carbon disulfide	na	na	na	<0.5	<0.5	<5	<1
Tetrachloroethene	na	5	5	<1.6	<1.6	<5	<1
trans-1,2-Dichloroethene	na	100	100	<0.5	<0.5	<5	<1
Trichloroethene	na	5	5	1.2	<0.5	<5	1J
Toluene	na	1000	1000	<0.5	<0.5	<5	<1
Vinyl chloride	na	2	2	--	--	<5	<1

Note: Background levels for explosives taken from Functional Area I RI.

LEGEND	
Shaded areas are above background levels. -	25
J = Estimated value	
na = Not available.	-- = Parameter not measured

TABLE 4-7
SPM WELLS - GROUNDWATER TRENDS
SOUTH POST IMPACT AREA - WELL SPM-93-06X
CHEMICAL SUMMARY REPORT (Sheet 1 of 5)

(Concentrations in ug/l)

PARAMETERS	BACKGROUND LEVELS	MA	Federal	DATE	08/16/93	11/10/93	08/16/93	11/10/93	10/28/97	10/19/98
				Well No.	SPM-93-06X	SPM-93-06X	SPM-93-06X	SPM-93-06X	SPM-93-06X	SPM-93-06X
				FILTERED?	YES	YES	NO	NO	LOW FLOW	LOW FLOW
METALS		MCLs (ug/l)								
Silver, Total Ag	4.6	na	na		<2	<2	<2	<2	<15	<3
Aluminum, Total Al	6870	na	na		213	1970	1500	2000	2810	2070
Arsenic, Total As	10.5	50	50		33.6	21.7	33.3	19.8	<8	<10
Barium, Total Ba	39.6	2000	2000		417	198	58	197	158	111
Beryllium, Total Be	5	4	4		<5	<5	0.146J	<5	<5	<3
Calcium, Total Ca	14700	na	na		14400	90800	14200	92900	74600	60600
Cadmium, Total Cd	4.01	5	5		<5	<5	<5	<5	<10	<3
Cobalt, Total Co	25	na	na		<10	<10	<10	<10	<30	<5
Chromium, Total Cr	14.7	100	100		<10	2.88J	8.84J	3.89J	<15	<5
Copper, Total Cu	8.09	1300	1300		<10	<10	3.48J	<10	<25	5.9
Iron, Total Fe	9100	na	na		<25	21.8	2500	139	82	<100
Mercury, Total Hg	0.243	2	2		--	--	--	--	<0.200	<0.2
Potassium, Total K	2370	na	na		18600	18600	7700	12600	14700	25200
Magnesium, Total Mg	3480	na	na		989	<500	1620	47.3J	50	<500
Manganese, Total Mn	291	na	na		17.8	1.08J	324	19.1	<5	<5
Sodium, Total Na	10800	na	na		12300	10400	11900	11500	21200	14600
Nickel, Total Ni	34.3	na	100		<10	<10	8.89J	<10	<40	<5
Lead, Total Pb	4.25	15	15		<5	<5	<5	<5	<5	<3
Antimony, Total Sb	3.03	6	6		<5	<5	<5	<5	<8	<5
Selenium, Total Se	3.02	50	50		--	--	--	--	<10	<5
Thallium, Total Tl	6.99	2	2		<2	<2	<2	<2	<15	<2
Vanadium, Total V	11	na	na		<10	<10	<10	<10	<25	<5
Zinc, Total Zn	21.1	na	na		<20	3.05	21.9	16.6	<25	10.1
EXPLOSIVES										
1,3,5-Trinitrobenzene	na	na	na		--	--	--	--	<0.125J	<1.2
1,3-Dinitrobenzene	1	na	na		--	--	<1	<1	<0.125J	<1.2
2,4,6-Trinitrotoluene	2	na	na		--	--	--	--	<0.125J	<1.2
2,4-Dinitrotoluene	30	na	na		--	--	--	--	<0.125J	<1.2
2,6-Dinitrotoluene	na	na	na		--	--	--	--	<0.125J	<1.2
2-Amino-4,6-Dinitrotoluene	na	na	na		--	--	--	--	<0.125J	<1.2
2-Nitrotoluene	na	na	na		--	--	<1	<1	<0.125J	<2.6
3-Nitrotoluene	na	na	na		--	--	<1	<1	<0.125J	<2.6
4-Amino-2,6-Dinitrotoluene	na	na	na		--	--	<1	<1	<0.125J	<1.2
4-Nitrotoluene	na	na	na		--	--	--	--	<0.125J	<2.6
HMX	400	na	na		--	--	--	--	<1.0J	<2.6
Tetryl	na	na	na		--	--	--	--	<0.5J	<2.6
Nitrobenzene	na	na	na		--	--	--	--	<0.125J	<1.2
RDX	2	na	na		--	--	<1	<1	<0.5J	<2.6

Notes: Background levels for Explosives are taken from Functional Area I RI.
Background levels for metals are taken from AOC 57 RI.

LEGEND

Shaded areas are above background levels. -	25
J = Estimated value	
na = Not available.	-- = Parameter not measured