Table 5-17. Analytical Results for Demolition Site # 3 - Soil
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	Location ID		DA3-3/15	DA3-4/5	DA3-4/10	DA3-5/6	DA3-5/8	DA3-6/5	DA3-6/10	DA3-6/15.5	DA3-6/16
	Sample Depth		15-15.5	5-5.5	10-10.5	6-6.5	8-8.5	5-5.5	10-10.5	15.5-16	16-16.5
	Sample Date		12/17/99	12/17/99	12/17/99	12/17/99	12/17/99	12/17/99	12/17/99	12/17/99	12/17/99
	Lab		Onsite	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
	Sample Type		N	N	N	N	N	N	N	N	FR
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**									
acenaphthene	SW8310	MG/KG	0.45 U	0.43 U	0.47 U	0.48 U	0.44 U	0.43 U	0.46 U	0.48 U	0.45 U
acenapthylene	SW8310	MG/KG	0.45 U	0.43 U	0.47 U	0.48 U	0.44 U	0.43 U	0.46 U	0.48 U	0.45 U
anthracene	SW8310	MG/KG	0.16 U	0.15 U	0.17 U	0.17 U	0.16 U	0.15 U	0.16 U	0.17 U	0.16 U
benzo(a)anthracene	SW8310	MG/KG	0.022 U	0.022 U	0.024 U	0.024 U	0.022 U	0.021 U	0.023 U	0.024 U	0.023 U
benzo(a)pyrene	SW8310	MG/KG	0.022 U	0.022 U	0.024 U	0.024 U	0.022 U	0.021 U	0.023 U	0.024 U	0.023 U
benzo(b)fluoranthene	SW8310	MG/KG	0.034 U	0.032 U	0.036 U	0.036 U	0.033 U	0.032 U	0.035 U	0.036 U	0.034 U
benzo(g,h,i)perylene	SW8310	MG/KG	0.022 U	0.022 U	0.024 U	0.024 U	0.022 UJ	0.021 U	0.023 U	0.024 U	0.023 U
benzo(k)fluoranthene	SW8310	MG/KG	0.022 U	0.022 U	0.024 U	0.024 U	0.022 U	0.021 U	0.023 U	0.024 U	0.023 U
chrysene	SW8310	MG/KG	0.045 U	0.043 U	0.047 U	0.048 U	0.044 U	0.043 U	0.046 U	0.048 U	0.045 U
dibenz(a,h)anthracene	SW8310	MG/KG	0.045 U	0.043 U	0.047 U	0.048 U	0.044 U	0.043 U	0.046 U	0.048 U	0.045 U
fluoranthene	SW8310	MG/KG	0.056 U	0.054 U	0.059 U	0.06 U	0.056 U	0.054 U	0.058 U	0.061 U	0.057 U
fluorene	SW8310	MG/KG	0.045 U	0.043 U	0.047 U	0.048 U	0.044 U	0.043 U	0.046 U	0.048 U	0.045 U
indeno(1,2,3-c,d)pyrene	SW8310	MG/KG	0.045 U	0.043 U	0.047 U	0.048 U	0.044 U	0.043 U	0.046 U	0.048 U	0.045 U
naphthalene	SW8310	MG/KG	0.45 U	0.43 U	0.47 U	0.48 U	0.44 U	0.43 U	0.46 U	0.48 U	0.45 U
phenanthrene	SW8310	MG/KG	0.13 U	0.13 U	0.14 U	0.14 U	0.13 U	0.13 U	0.14 U	0.15 U	0.14 U
pyrene	SW8310	MG/KG	0.067 U	0.065 U	0.071 U	0.072 U	0.067 U	0.064 U	0.069 U	0.073 U	0.068 U

Table 5-17. Analytical Results for Demolition Site # 3 - Soil
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		Location ID	DA3-1/1	DA3-1/2	DA3-1/4	DA3-2/0.5	DA3-2/1	DA3-2/2	DA3-2/4
		Sample Depth	1-1.5	2-2.5	4-4.5	0.5-1	1-1.5	2-2.5	4-4.5
		Sample Date	7/21/99	7/21/99	7/21/99	7/21/99	7/21/99	7/21/99	7/21/99
		Lab	CalTest	CalTest	CalTest	CalTest	CalTest	CalTest	CalTest
		Sample Type	N	N	N	N	FR	N	N
		Event	INTERIM	INTERIM	INTERIM	INTERIM	INTERIM	INTERIM	INTERIM
Analyte	**Method**	**Units**							
1,3,5-trinitrobenzene	SW8330	MG/KG	0.27 U	0.27 U	0.28 U	0.27 U	0.27 U	0.27 U	0.29 U
1,3-dinitrobenzene	SW8330	MG/KG	0.27 U	0.27 U	0.28 U	0.27 U	0.27 U	0.27 U	0.29 U
2,4,6-trinitrotoluene	SW8330	MG/KG	0.27 U	0.27 U	0.28 U	0.27 U	0.27 U	0.27 U	0.29 U
2,4-dinitrotoluene	SW8330	MG/KG	0.27 U	0.27 U	0.28 U	0.27 U	0.27 U	0.27 U	0.29 U
2,6-dinitrotoluene	SW8330	MG/KG	0.27 U	0.27 U	0.28 U	0.27 U	0.27 U	0.27 U	0.29 U
2-amino-4,6-dinitrotoluene	SW8330	MG/KG	0.27 U	0.27 U	0.28 U	0.27 U	0.27 U	0.27 U	0.29 U
2-nitrotoluene	SW8330	MG/KG	0.27 U	0.27 U	0.28 U	0.27 U	0.27 U	0.27 U	0.29 U
3-nitrotoluene	SW8330	MG/KG	0.27 U	0.27 U	0.28 U	0.27 U	0.27 U	0.27 U	0.29 U
4-amino-2,6-dinitrotoluene	SW8330	MG/KG	0.27 U	0.27 U	0.28 U	0.27 U	0.27 U	0.27 U	0.29 U
4-nitrotoluene	SW8330	MG/KG	0.27 U	0.27 U	0.28 U	0.27 U	0.27 U	0.27 U	0.29 U
amino-dnts	SW8330	MG/KG							
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	MG/KG	0.27 U	0.27 U	0.28 U	0.27 U	0.27 U	0.27 U	0.29 U
nitrobenzene	SW8330	MG/KG	0.27 U	0.27 U	0.28 U	0.27 U	0.27 U	0.27 U	0.29 U
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	MG/KG	0.27 U	0.27 U	0.28 U	0.27 U	0.27 U	0.27 U	0.29 U
tetryl	SW8330	MG/KG	0.27 UJ	0.27 UJ	0.28 UJ	0.27 U	0.27 UJ	0.27 UJ	0.29 UJ

Table 5-17. Analytical Results for Demolition Site # 3 - Soil
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		Location ID	DA3-3/5.5	DA3-3/10	DA3-3/15	DA3-4/5	DA3-4/10
		Sample Depth	5.5-6	10-10.5	15-15.5	5-5.5	10-10.5
		Sample Date	12/17/99	12/17/99	12/17/99	12/17/99	12/17/99
		Lab	Onsite	Onsite	Onsite	Onsite	Onsite
		Sample Type	N	N	N	N	N
		Event	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**					
1,3,5-trinitrobenzene	SW8330	MG/KG	0.47 U	0.49 U	0.47 U	0.45 U	0.45 U
1,3-dinitrobenzene	SW8330	MG/KG	0.47 U	0.49 U	0.47 U	0.45 U	0.45 U
2,4,6-trinitrotoluene	SW8330	MG/KG	0.47 U	0.49 U	0.47 U	0.45 U	0.45 U
2,4-dinitrotoluene	SW8330	MG/KG	0.47 U	0.49 U	0.47 U	0.45 U	0.45 U
2,6-dinitrotoluene	SW8330	MG/KG	0.47 U	0.49 U	0.47 U	0.45 U	0.45 U
2-amino-4,6-dinitrotoluene	SW8330	MG/KG					
2-nitrotoluene	SW8330	MG/KG	0.47 U	0.49 U	0.47 U	0.45 U	0.45 U
3-nitrotoluene	SW8330	MG/KG	0.47 U	0.49 U	0.47 U	0.45 U	0.45 U
4-amino-2,6-dinitrotoluene	SW8330	MG/KG					
4-nitrotoluene	SW8330	MG/KG	0.47 U	0.49 U	0.47 U	0.45 U	0.45 U
amino-dnts	SW8330	MG/KG	0.95 U	0.98 U	0.93 U	0.91 U	0.9 U
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	MG/KG	0.47 U	0.49 U	0.47 U	0.45 U	0.45 U
nitrobenzene	SW8330	MG/KG	0.47 U	0.49 U	0.47 U	0.45 U	0.45 U
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	MG/KG	0.47 U	0.49 U	0.47 U	0.45 U	0.45 U
tetryl	SW8330	MG/KG	0.47 U	0.49 U	0.47 U	0.45 U	0.45 U

Table 5-17. Analytical Results for Demolition Site # 3 - Soil

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	Location ID		DA3-5/6	DA3-5/8	DA3-6/5	DA3-6/10	DA3-6/15.5	DA3-6/16
	Sample Depth		6-6.5	8-8.5	5-5.5	10-10.5	15.5-16	16-16.5
	Sample Date		12/17/99	12/17/99	12/17/99	12/17/99	12/17/99	12/17/99
	Lab		Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
	Sample Type		N	N	N	N	N	FR
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**						
1,3,5-trinitrobenzene	SW8330	MG/KG	0.44 U	0.44 U	0.45 U	0.48 U	0.51 U	0.48 U
1,3-dinitrobenzene	SW8330	MG/KG	0.44 U	0.44 U	0.45 U	0.48 U	0.51 U	0.48 U
2,4,6-trinitrotoluene	SW8330	MG/KG	0.44 U	0.44 U	0.45 U	0.48 U	0.51 U	0.48 U
2,4-dinitrotoluene	SW8330	MG/KG	0.44 U	0.44 U	0.45 U	0.48 U	0.51 U	0.48 U
2,6-dinitrotoluene	SW8330	MG/KG	0.44 U	0.44 U	0.45 U	0.48 U	0.51 U	0.48 U
2-amino-4,6-dinitrotoluene	SW8330	MG/KG						
2-nitrotoluene	SW8330	MG/KG	0.44 U	0.44 U	0.45 U	0.48 U	0.51 U	0.48 U
3-nitrotoluene	SW8330	MG/KG	0.44 U	0.44 U	0.45 U	0.48 U	0.51 U	0.48 U
4-amino-2,6-dinitrotoluene	SW8330	MG/KG						
4-nitrotoluene	SW8330	MG/KG	0.44 U	0.44 U	0.45 U	0.48 U	0.51 U	0.48 U
amino-dnts	SW8330	MG/KG	0.89 U	0.89 U	0.91 U	0.96 U	1 U	0.96 U
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	MG/KG	0.44 U	0.44 U	0.45 U	0.48 U	0.51 U	0.48 U
nitrobenzene	SW8330	MG/KG	0.44 U	0.44 U	0.45 U	0.48 U	0.51 U	0.48 U
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	MG/KG	0.44 U	0.44 U	0.45 U	0.48 U	0.51 U	0.48 U
tetryl	SW8330	MG/KG	0.44 U	0.44 U	0.45 U	0.48 U	0.51 U	0.48 U

Table 5-17. Analytical Results for Demolition Site # 3 - Soil
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	Location ID		DA3-5/8	DA3-6/10	DA3-6/10.5
	Sample Depth		8-8.5	10-10.5	10.5-11
	Sample Date		12/17/99	12/17/99	12/17/99
	Lab		Onsite	Onsite	Quanterra
	Sample Type		N	N	N
	Event		REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**			
nitrogen, nitrite (as N)	E300-NO2N	MG/KG			0.04 U
nitrogen, nitrate (as N)	E300-NO3N	MG/KG			0.27 J
nitroglycerin	SW8330M	MG/KG	0.59 U	0.6 U	
pentaerythritol tetranitrate	SW8330M	MG/KG	0.59 U	0.6 U	

Table 5-18A. Analytical Results for South Valley - Wetland Sediment

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		Location ID	WET-1	WET-1B	WET-2	WET-2A
		Sample Depth	0-0.5	1-1.5	0-0.5	0-0.5
		Sample Date	12/23/99	7/21/99	12/23/99	12/23/99
		Lab	Quanterra	CalTest	Quanterra	Quanterra
		Sample Type	N	N	N	FR
		Event	REMEDIAL	INTERIM	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**				
aluminum	SW6010B	MG/KG	20600	18000	18400	18800
antimony	SW6010B	MG/KG	0.38 UR	0.502 U	0.43 UR	0.35 UR
arsenic	SW6010B	MG/KG	8.7	15	9.9	8.9
barium	SW6010B	MG/KG	224	250	203	205
beryllium	SW6010B	MG/KG	0.47 J	0.35	0.38 J	0.43 J
cadmium	SW6010B	MG/KG	1.1 U	0.35	1.2 U	0.96 U
calcium	SW6010B	MG/KG	51300	4700	18700	11800
chromium, total	SW6010B	MG/KG	42.4	45	41.9	43.3
cobalt	SW6010B	MG/KG	13.9	18	13.5	13.2
copper	SW6010B	MG/KG	56	120	56.3	54.2
iron	SW6010B	MG/KG	35500	44000	36600	35700
lead	SW6010B	MG/KG	13.5	35	16	18.9
magnesium	SW6010B	MG/KG	8490	6200	8060	8220
manganese	SW6010B	MG/KG	1130	810	1680	1250
molybdenum	SW6010B	MG/KG	1.2 U	0.69 J	1.4 U	1.1 U
nickel	SW6010B	MG/KG	38.5	45	39	36.9
phosphorus, total (as P)	SW6010B	MG/KG	428		472	398
potassium	SW6010B	MG/KG	2020	2100 J+	1920	2000
selenium	SW6010B	MG/KG	1.7 J	1 J	2.1 J	1.4 J
silver	SW6010B	MG/KG	0.48 U	0.099 U	0.54 U	0.43 U
sodium	SW6010B	MG/KG	522	120 J	551	490
thallium	SW6010B	MG/KG	0.93 U	0.741 U	1 U	0.85 U
vanadium	SW6010B	MG/KG	78.9	85	72	70.9
zinc	SW6010B	MG/KG	116 J	160	109 J	108 J
mercury	SW7471A	MG/KG	0.093 J	1.3	0.17	0.093

Table 5-18A. Analytical Results for South Valley - Wetland Sediment
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	Location ID		WET-2R
	Sample Depth		0-0.5
	Sample Date		3/29/00
	Lab		Quanterra
	Sample Type		N
	Event		GAPS2
Analyte	**Method**	**Units**	
1,2,3,4,6,7,8-HpCDD	SW8290	PG/G	0.94 U
1,2,3,4,6,7,8-HpCDF	SW8290	PG/G	0.52 U
1,2,3,4,7,8,9-HpCDF	SW8290	PG/G	0.61 U
1,2,3,4,7,8-HxCDD	SW8290	PG/G	0.88 UJ
1,2,3,4,7,8-HxCDF	SW8290	PG/G	0.63 UJ
1,2,3,6,7,8-HxCDD	SW8290	PG/G	0.91 UJ
1,2,3,6,7,8-HxCDF	SW8290	PG/G	0.6 UJ
1,2,3,7,8,9-HxCDD	SW8290	PG/G	0.85 UJ
1,2,3,7,8,9-HxCDF	SW8290	PG/G	0.68 UJ
1,2,3,7,8-PeCDD	SW8290	PG/G	1.1 U
1,2,3,7,8-PeCDF	SW8290	PG/G	0.52 U
2,3,4,6,7,8-HxCDF	SW8290	PG/G	0.65 UJ
2,3,4,7,8-PeCDF	SW8290	PG/G	0.5 U
2,3,7,8-TCDD	SW8290	PG/G	0.47 U
2,3,7,8-TCDF	SW8290	PG/G	0.31 U
OCDD	SW8290	PG/G	5.6 U
OCDF	SW8290	PG/G	1.1 U

Table 5-18A. Analytical Results for South Valley - Wetland Sediment
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	Location ID		WET-1	WET-1B	WET-2	WET-2A
	Sample Depth		0-0.5	1-1.5	0-0.5	0-0.5
	Sample Date		12/23/99	7/21/99	12/23/99	12/23/99
	Lab		Onsite	CalTest	Onsite	Onsite
	Sample Type		N	N	N	FR
	Event		REMEDIAL	INTERIM	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**				
acenaphthene	SW8310	MG/KG	0.82 U	0.023 U	1.2 U	0.96 U
acenapthylene	SW8310	MG/KG	0.82 U	0.023 U	1.2 U	0.96 U
anthracene	SW8310	MG/KG	0.29 U	0.023 U	0.41 U	0.34 U
benzo(a)anthracene	SW8310	MG/KG	0.041 U	0.023 U	0.058 U	0.048 U
benzo(a)pyrene	SW8310	MG/KG	0.041 U	0.023 U	0.058 U	0.048 U
benzo(b)fluoranthene	SW8310	MG/KG	0.061 U	0.023 U	0.094	0.072 U
benzo(g,h,i)perylene	SW8310	MG/KG	0.041 UJ	0.023 U	0.058 UJ	0.048 UJ
benzo(k)fluoranthene	SW8310	MG/KG	0.041 U	0.023 U	0.058 U	0.048 U
chrysene	SW8310	MG/KG	0.082 U	0.023 U	0.12 U	0.096 U
dibenz(a,h)anthracene	SW8310	MG/KG	0.082 U	0.023 U	0.12 U	0.096 U
fluoranthene	SW8310	MG/KG	0.1 U	0.023 U	0.15 U	0.12 U
fluorene	SW8310	MG/KG	0.082 U	0.023 U	0.12 U	0.096 U
indeno(1,2,3-c,d)pyrene	SW8310	MG/KG	0.082 U	0.023 U	0.12 U	0.096 U
naphthalene	SW8310	MG/KG	0.82 U	0.023 U	1.2 U	0.96 U
phenanthrene	SW8310	MG/KG	0.25 U	0.023 U	0.35 U	0.29 U
pyrene	SW8310	MG/KG	0.12 U	0.023 U	0.17 U	0.14 U

Table 5-18A. Analytical Results for South Valley - Wetland Sediment
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		Location ID	WET-1	WET-1B	WET-2	WET-2A
		Sample Depth	0-0.5	1-1.5	0-0.5	0-0.5
		Sample Date	12/23/99	7/21/99	12/23/99	12/23/99
		Lab	Onsite	CalTest	Onsite	Onsite
		Sample Type	N	N	N	FR
		Event	REMEDIAL	INTERIM	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**				
1,3,5-trinitrobenzene	SW8330	MG/KG	0.84 UJ	0.29 U	1.2 UJ	0.99 UJ
1,3-dinitrobenzene	SW8330	MG/KG	0.84 UJ	0.29 U	1.2 UJ	0.99 UJ
2,4,6-trinitrotoluene	SW8330	MG/KG	0.84 UJ	0.29 U	1.5 J-	0.99 UJ
2,4-dinitrotoluene	SW8330	MG/KG	0.84 UJ	0.29 U	1.2 UJ	0.99 UJ
2,6-dinitrotoluene	SW8330	MG/KG	0.84 UJ	0.29 U	1.2 UJ	0.99 UJ
2-amino-4,6-dinitrotoluene	SW8330	MG/KG		0.29 U		
2-nitrotoluene	SW8330	MG/KG	0.84 UJ	0.29 U	1.2 UJ	0.99 UJ
3-nitrotoluene	SW8330	MG/KG	0.84 UJ	0.29 U	1.2 UJ	0.99 UJ
4-amino-2,6-dinitrotoluene	SW8330	MG/KG		0.29 U		
4-nitrotoluene	SW8330	MG/KG	0.84 UJ	0.29 U	1.2 UJ	0.99 UJ
amino-dnts	SW8330	MG/KG	1.7 UJ		2.4 UJ	2 UJ
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	MG/KG	0.84 UJ	0.29 U	1.2 UJ	0.99 UJ
nitrobenzene	SW8330	MG/KG	0.84 UJ	0.29 U	1.2 UJ	0.99 UJ
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	MG/KG	0.84 UJ	0.29 U	1.2 UJ	0.99 UJ
tetryl	SW8330	MG/KG	0.84 UJ	0.29 UJ	1.2 UJ	0.99 UJ

Table 5-18A. Analytical Results for South Valley - Wetland Sediment
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	Location ID		WET-1	WET-1	WET-2	WET-2	WET-2A	WET-2A
	Sample Depth		0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
	Sample Date		12/23/99	12/23/99	12/23/99	12/23/99	12/23/99	12/23/99
	Lab		Onsite	Quanterra	Onsite	Quanterra	Onsite	Quanterra
	Sample Type		N	N	N	N	FR	FR
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**						
nitrogen, nitrite (as N)	E300-NO2N	MG/KG		0.084 U		0.094 U		0.076 U
nitrogen, nitrate (as N)	E300-NO3N	MG/KG		0.58 J		0.69		0.52 J
nitroglycerin	SW8330M	MG/KG	1.2 UJ		1.5 UJ		1.2 UJ	
pentaerythritol tetranitrate	SW8330M	MG/KG	1.2 UJ		1.5 UJ		1.2 UJ	

Table 5-18B. Analytical Results for South Valley - Wetland Sediment (Mercury/Methyl Mercury)

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	Location ID		WET3-0	WET3-1	WET3-3	WET4-0	WET4-0A	WET4-1	WET4-3
	Sample Depth		0-0.5	1-1.5	3-3.5	0-0.5	0-0.5	1-1.5	3-3.5
	Sample Date		8/10/00	8/10/00	8/10/00	8/10/00	8/10/00	8/10/00	8/10/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		N	N	N	N	FR	N	N
	Event		GAPS3	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**							
mercury	SW7471A	MG/KG	0.071 J	0.1	0.11	0.65	0.53	0.073	0.072

Table 5-18B. Analytical Results for South Valley - Wetland Sediment (Mercury/Methyl Mercury)

(Page 2 of 6)

		Location ID	WET4-5	WET5-0	WET5-0A	WET5-1	WET5-3	WET5-5	WET6-0
		Sample Depth	5-5.5	0-0.5	0-0.5	1-1.5	3-3.5	5-5.5	0-0.5
		Sample Date	8/10/00	8/10/00	8/10/00	8/10/00	8/10/00	8/10/00	8/10/00
		Lab	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
		Sample Type	N	N	FR	N	N	N	N
		Event	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**							
mercury	SW7471A	MG/KG	0.016 J	0.044 J	0.11	0.089	0.16	0.24	0.081

Table 5-18B. Analytical Results for South Valley - Wetland Sediment (Mercury/Methyl Mercury)

(Page 3 of 6)

	Location ID		WET6-1	WET6-3	WET7-0	WET7-1	WET7-3	WET7-5
	Sample Depth		1-1.5	3-3.5	0-0.5	1-1.5	3-3.5	5-5.5
	Sample Date		8/10/00	8/10/00	8/10/00	8/10/00	8/10/00	8/10/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		N	N	N	N	N	N
	Event		GAPS3	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**						
mercury	SW7471A	MG/KG	0.17	0.37	1.3	11.3	0.067	0.042 J

Table 5-18B. Analytical Results for South Valley - Wetland Sediment (Mercury/Methyl Mercury)

(Page 4 of 6)

	Location ID		WET3-0	WET3-1	WET3-3	WET4-0	WET4-0A	WET4-1	WET4-3
	Sample Depth		0-0.5	1-1.5	3-3.5	0-0.5	0-0.5	1-1.5	3-3.5
	Sample Date		8/10/00	8/10/00	8/10/00	8/10/00	8/10/00	8/10/00	8/10/00
	Lab		Frontier	Frontier	Frontier	Frontier	Frontier	Frontier	Frontier
	Sample Type		N	N	N	N	FR	N	N
	Event		GAPS3	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**							
methyl mercury	FGS-070.1	NG/G	0.53	0.25	0.37	0.45	0.76	6.22	0.2

Table 5-18B. Analytical Results for South Valley - Wetland Sediment (Mercury/Methyl Mercury)

	Location ID		WET4-5	WET5-0	WET5-0A	WET5-1	WET5-3	WET5-5	WET6-0
	Sample Depth		5-5.5	0-0.5	0-0.5	1-1.5	3-3.5	5-5.5	0-0.5
	Sample Date		8/10/00	8/10/00	8/10/00	8/10/00	8/10/00	8/10/00	8/10/00
	Lab		Frontier	Frontier	Frontier	Frontier	Frontier	Frontier	Frontier
	Sample Type		N	N	FR	N	N	N	N
	Event		GAPS3	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**							
methyl mercury	FGS-070.1	NG/G	0.04	0.87	0.18	0.25	0.015 U	0.015 U	0.62

Table 5-18B. Analytical Results for South Valley - Wetland Sediment (Mercury/Methyl Mercury)
(Page 6 of 6)

	Location ID		WET6-1	WET6-3	WET7-0	WET7-1	WET7-3	WET7-5
	Sample Depth		1-1.5	3-3.5	0-0.5	1-1.5	3-3.5	5-5.5
	Sample Date		8/10/00	8/10/00	8/10/00	8/10/00	8/10/00	8/10/00
	Lab		Frontier	Frontier	Frontier	Frontier	Frontier	Frontier
	Sample Type		N	N	N	N	N	N
	Event		GAPS3	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**						
methyl mercury	FGS-070.1	NG/G	0.23	0.015 U	1.22	0.34	0.02	0.05

Table 5-19. Analytical Results for South Valley - Wetland Surface Water
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	Location ID		SW-1	SW-2
	Sample Depth		-	-
	Sample Date		12/23/99	12/23/99
	Lab		Quanterra	Quanterra
	Sample Type		N	N
	Event		REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**		
aluminum	SW6010B	MG/L	3.7	1.6
antimony	SW6010B	MG/L	0.031 U	0.031 U
arsenic	SW6010B	MG/L	0.0042 U	0.0042 U
barium	SW6010B	MG/L	0.12	0.096
beryllium	SW6010B	MG/L	0.00009 U	0.00009 U
cadmium	SW6010B	MG/L	0.0031 U	0.0031 U
calcium	SW6010B	MG/L	80.2	74.4
chromium, total	SW6010B	MG/L	0.0066 J	0.0045 J
cobalt	SW6010B	MG/L	0.0074 U	0.0074 U
copper	SW6010B	MG/L	0.0042 J	0.0052 J
iron	SW6010B	MG/L	4.1	1.7
lead	SW6010B	MG/L	0.0018 U	0.0018 U
magnesium	SW6010B	MG/L	48.9	45
manganese	SW6010B	MG/L	0.22	0.14
molybdenum	SW6010B	MG/L	0.0046 U	0.0046 U
nickel	SW6010B	MG/L	0.0058 UJ	0.0035 UJ
phosphorus, total (as P)	SW6010B	MG/L	0.12 U	0.12 U
potassium	SW6010B	MG/L	1.9 J	2 J
selenium	SW6010B	MG/L	0.0032 U	0.0032 U
silver	SW6010B	MG/L	0.0032 U	0.0032 U
sodium	SW6010B	MG/L	107	98.4
thallium	SW6010B	MG/L	0.003 U	0.003 U
vanadium	SW6010B	MG/L	0.014 J	0.0088 J
zinc	SW6010B	MG/L	0.012 UJ	0.0068 UJ
mercury	SW7470A	MG/L	0.000077 J	0.000049 U

Table 5-19. Analytical Results for South Valley - Wetland Surface Water
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	Location ID		SW-1	SW-2
	Sample Depth		-	-
	Sample Date		12/23/99	12/23/99
	Lab		Quanterra	Quanterra
	Sample Type		N	N
	Event		REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**		
aluminum (filtered)	SW6010B-F	MG/L	0.2	0.043 U
antimony (filtered)	SW6010B-F	MG/L	0.031 U	0.031 U
arsenic (filtered)	SW6010B-F	MG/L	0.0042 U	0.0042 U
barium (filtered)	SW6010B-F	MG/L	0.098	0.094
beryllium (filtered)	SW6010B-F	MG/L	0.00009 U	0.00009 U
cadmium (filtered)	SW6010B-F	MG/L	0.0031 U	0.0031 U
calcium (filtered)	SW6010B-F	MG/L	81.4	80.7
chromium, total (filtered)	SW6010B-F	MG/L	0.0028 U	0.0028 U
cobalt (filtered)	SW6010B-F	MG/L	0.0074 U	0.0074 U
copper (filtered)	SW6010B-F	MG/L	0.013 UJ	0.0046 J
iron (filtered)	SW6010B-F	MG/L	0.0047 UJ	0.015 UJ
lead (filtered)	SW6010B-F	MG/L	0.0018 U	0.0018 U
magnesium (filtered)	SW6010B-F	MG/L	48.8	47.8
manganese (filtered)	SW6010B-F	MG/L	0.15	0.11
molybdenum (filtered)	SW6010B-F	MG/L	0.0046 U	0.0046 U
nickel (filtered)	SW6010B-F	MG/L	0.0013 J	0.0017 UJ
phosphorus, total as P (filtered)	SW6010B-F	MG/L	0.12 U	0.12 U
potassium (filtered)	SW6010B-F	MG/L	1.2 J	1.3 J
selenium (filtered)	SW6010B-F	MG/L	0.0032 U	0.0032 U
silver (filtered)	SW6010B-F	MG/L	0.0032 U	0.0032 U
sodium (filtered)	SW6010B-F	MG/L	107	105
thallium (filtered)	SW6010B-F	MG/L	0.003 U	0.003 U
vanadium (filtered)	SW6010B-F	MG/L	0.0039 J	0.0046 J
zinc (filtered)	SW6010B-F	MG/L	0.0074 UJ	0.0072 J
mercury (filtered)	SW7470A-F	MG/L	0.000049 U	0.000049 U

Table 5-19. Analytical Results for South Valley - Wetland Surface Water
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	Location ID		SW-1	SW-2
	Sample Depth		-	-
	Sample Date		12/23/99	12/23/99
	Lab		Onsite	Onsite
	Sample Type		N	N
	Event		REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**		
acenaphthene	SW8310	UG/L	2.5 UJ	2.5 UJ
acenapthylene	SW8310	UG/L	5 UJ	5 UJ
anthracene	SW8310	UG/L	0.7 UJ	0.7 UJ
benzo(a)anthracene	SW8310	UG/L	0.3 UJ	0.3 UJ
benzo(a)pyrene	SW8310	UG/L	0.3 UJ	0.3 UJ
benzo(b)fluoranthene	SW8310	UG/L	0.5 U	0.5 U
benzo(g,h,i)perylene	SW8310	UG/L	0.5 UJ	0.5 UJ
benzo(k)fluoranthene	SW8310	UG/L	0.5 U	0.5 U
chrysene	SW8310	UG/L	0.3 U	0.3 U
dibenz(a,h)anthracene	SW8310	UG/L	1 U	1 U
fluoranthene	SW8310	UG/L	0.5 UJ	0.5 UJ
fluorene	SW8310	UG/L	0.5 U	0.5 U
indeno(1,2,3-c,d)pyrene	SW8310	UG/L	0.5 U	0.5 U
naphthalene	SW8310	UG/L	2.5 UJ	2.5 UJ
phenanthrene	SW8310	UG/L	0.6 UJ	0.6 UJ
pyrene	SW8310	UG/L	0.5 UJ	0.5 UJ

Table 5-19. Analytical Results for South Valley - Wetland Surface Water
(Page 4 of 5)

	Location ID		SW-1	SW-2	SW-1R	SW-2R
	Sample Depth		-	-	-	-
	Sample Date		12/23/99	12/23/99	3/29/00	3/29/00
	Lab		Onsite	Onsite	Quanterra	Quanterra
	Sample Type		N	N	N	N
	Event		REMEDIAL	REMEDIAL	GAPS2	GAPS2
Analyte	**Method**	**Units**				
1,3,5-trinitrobenzene	SW8330	UG/L	5 UJ	5 UJ	5 U	5 U
1,3-dinitrobenzene	SW8330	UG/L	5 UJ	5 UJ	5 U	5 U
2,4,6-trinitrotoluene	SW8330	UG/L	5 UJ	2.2 J	5 U	5 U
2,4-dinitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 U	5 U
2,6-dinitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 U	5 U
2-amino-4,6-dinitrotoluene	SW8330	UG/L			5 U	5 U
2-nitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 U	5 U
3-nitrotoluene	SW8330	UG/L	5 UR	5 UR	5 U	5 U
4-amino-2,6-dinitrotoluene	SW8330	UG/L			5 U	5 U
4-nitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 U	5 U
amino-dnts	SW8330	UG/L	10 UR	10 UR		
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	UG/L	5 UJ	5 UJ	5 U	5 U
nitrobenzene	SW8330	UG/L	5 UJ	5 UJ	5 U	5 U
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	UG/L	5 UJ	5 UJ	5 U	5 U
tetryl	SW8330	UG/L	5 UJ	5 UJ	5 U	5 U

Table 5-19. Analytical Results for South Valley - Wetland Surface Water

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	Location ID		SW-1	SW-1	SW-2	SW-2	SW-1R	SW-2R
	Sample Depth		-	-	-	-	-	-
	Sample Date		12/23/99	12/23/99	12/23/99	12/23/99	3/29/00	3/29/00
	Lab		Onsite	Quanterra	Onsite	Quanterra	Quanterra	Quanterra
	Sample Type		N	N	N	N	N	N
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	GAPS2	GAPS2
Analyte	**Method**	**Units**						
total dissolved solids	E160.1	MG/L		704		719		
suspended solids	E160.2	MG/L		461		192		
chloride (as Cl)	E300-CL	MG/L		66.8		67.9		
sulfate (as SO4)	E300-SO4	MG/L		131		127		
nitroglycerin	SW8330M	UG/L	25 UJ		25 UJ		25 U	25 U
pentaerythritol tetranitrate	SW8330M	UG/L	50 UJ		50 UJ		50 U	50 U

Table 5-20A. Analytical Results for South Valley - Soil
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	Location ID		**TW-11/16.5**
	Sample Depth		**16.5-17**
	Sample Date		**12/15/99**
	Lab		**Quanterra**
	Sample Type		**N**
	Event		**REMEDIAL**
Analyte	**Method**	**Units**	
aluminum	SW6010B	MG/KG	19500
antimony	SW6010B	MG/KG	0.22 UR
arsenic	SW6010B	MG/KG	16
barium	SW6010B	MG/KG	234
beryllium	SW6010B	MG/KG	0.45 J
cadmium	SW6010B	MG/KG	0.6 U
calcium	SW6010B	MG/KG	4160
chromium, total	SW6010B	MG/KG	46.2
cobalt	SW6010B	MG/KG	22.5
copper	SW6010B	MG/KG	71.7
iron	SW6010B	MG/KG	38600
lead	SW6010B	MG/KG	9.7
magnesium	SW6010B	MG/KG	9630
manganese	SW6010B	MG/KG	586
molybdenum	SW6010B	MG/KG	0.69 U
nickel	SW6010B	MG/KG	58.6
phosphorus, total (as P)	SW6010B	MG/KG	230
potassium	SW6010B	MG/KG	1670
selenium	SW6010B	MG/KG	1.4 J
silver	SW6010B	MG/KG	0.27 U
sodium	SW6010B	MG/KG	257 J
thallium	SW6010B	MG/KG	0.53 U
vanadium	SW6010B	MG/KG	50.9
zinc	SW6010B	MG/KG	99.7 J
mercury	SW7471A	MG/KG	0.043 J

Table 5-20A. Analytical Results for South Valley - Soil
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	Location ID		TW-11/15.5
	Sample Depth		15.5-16
	Sample Date		12/15/99
	Lab		Onsite
	Sample Type		N
	Event		REMEDIAL
Analyte	**Method**	**Units**	
1,1,1,2-tetrachloroethane	SW8260B	MG/KG	0.0057 U
1,1,1-trichloroethane	SW8260B	MG/KG	0.0057 U
1,1,2,2-tetrachloroethane	SW8260B	MG/KG	0.0057 U
1,1,2-trichloroethane	SW8260B	MG/KG	0.0057 U
1,1-dichloroethane	SW8260B	MG/KG	0.0057 U
1,1-dichloroethene	SW8260B	MG/KG	0.0057 U
1,1-dichloropropene	SW8260B	MG/KG	0.0057 U
1,2,3-trichlorobenzene	SW8260B	MG/KG	0.0057 U
1,2,3-trichloropropane	SW8260B	MG/KG	0.0057 U
1,2,4-trichlorobenzene	SW8260B	MG/KG	0.0057 U
1,2,4-trimethylbenzene	SW8260B	MG/KG	0.0057 U
1,2-dibromo-3-chloropropane	SW8260B	MG/KG	0.011 U
1,2-dibromoethane	SW8260B	MG/KG	0.0057 U
1,2-dichlorobenzene	SW8260B	MG/KG	0.0057 U
1,2-dichloroethane	SW8260B	MG/KG	0.0057 U
1,2-dichloropropane	SW8260B	MG/KG	0.0057 U
1,3,5-trimethylbenzene	SW8260B	MG/KG	0.0057 U
1,3-dichlorobenzene	SW8260B	MG/KG	0.0057 U
1,3-dichloropropane	SW8260B	MG/KG	0.0057 U
1,4-dichlorobenzene	SW8260B	MG/KG	0.0057 U
2,2-dichloropropane	SW8260B	MG/KG	0.0057 U
2-butanone	SW8260B	MG/KG	0.023 UJ
2-chloroethyl vinyl ether	SW8260B	MG/KG	0.0057 UJ
2-chlorotoluene	SW8260B	MG/KG	0.0057 U
2-hexanone	SW8260B	MG/KG	0.023 UJ
4-chlorotoluene	SW8260B	MG/KG	0.0057 U
4-methyl-2-pentanone	SW8260B	MG/KG	0.023 U
acetone	SW8260B	MG/KG	0.023 U
benzene	SW8260B	MG/KG	0.0057 U

Table 5-20A. Analytical Results for South Valley - Soil
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	Location ID		**TW-11/15.5**
	Sample Depth		**15.5-16**
	Sample Date		**12/15/99**
	Lab		**Onsite**
	Sample Type		**N**
	Event		**REMEDIAL**
Analyte	**Method**	**Units**	
bromobenzene	SW8260B	MG/KG	0.0057 U
bromochloromethane	SW8260B	MG/KG	0.0057 U
bromodichloromethane	SW8260B	MG/KG	0.0057 U
bromoform	SW8260B	MG/KG	0.0057 U
bromomethane	SW8260B	MG/KG	0.011 U
carbon disulfide	SW8260B	MG/KG	0.0057 U
carbon tetrachloride	SW8260B	MG/KG	0.0057 U
chlorobenzene	SW8260B	MG/KG	0.0057 U
chloroethane	SW8260B	MG/KG	0.011 U
chloroform	SW8260B	MG/KG	0.0057 U
chloromethane	SW8260B	MG/KG	0.011 U
cis-1,2-dichloroethene	SW8260B	MG/KG	0.0057 U
cis-1,3-dichloropropene	SW8260B	MG/KG	0.0057 U
dibromochloromethane	SW8260B	MG/KG	0.0057 U
dibromomethane	SW8260B	MG/KG	0.0057 U
dichlorodifluoromethane	SW8260B	MG/KG	0.011 UJ
ethylbenzene	SW8260B	MG/KG	0.0057 U
Freon 113	SW8260B	MG/KG	0.0057 U
hexachlorobutadiene	SW8260B	MG/KG	0.0057 U
isopropylbenzene (cumene)	SW8260B	MG/KG	0.0057 U
methylene chloride	SW8260B	MG/KG	0.023 UJ
n-butylbenzene	SW8260B	MG/KG	0.0057 U
n-propylbenzene	SW8260B	MG/KG	0.0057 U
naphthalene	SW8260B	MG/KG	0.011 U
p-cymene (p-isopropyltoluene)	SW8260B	MG/KG	0.0057 U
sec-butylbenzene	SW8260B	MG/KG	0.0057 U
styrene	SW8260B	MG/KG	0.0057 U
t-butylbenzene	SW8260B	MG/KG	0.0057 U
tert-butyl methyl ether	SW8260B	MG/KG	0.0057 U

Table 5-20A. Analytical Results for South Valley - Soil
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	Location ID		**TW-11/15.5**
	Sample Depth		**15.5-16**
	Sample Date		**12/15/99**
	Lab		**Onsite**
	Sample Type		**N**
	Event		**REMEDIAL**
Analyte	**Method**	**Units**	
tetrachloroethene (PCE)	SW8260B	MG/KG	0.0057 U
toluene	SW8260B	MG/KG	0.0057 U
trans-1,2-dichloroethene	SW8260B	MG/KG	0.0057 U
trans-1,3-dichloropropene	SW8260B	MG/KG	0.0057 U
trichloroethene (TCE)	SW8260B	MG/KG	0.0057 U
trichlorofluoromethane	SW8260B	MG/KG	0.011 U
vinyl acetate	SW8260B	MG/KG	0.011 UJ
vinyl chloride	SW8260B	MG/KG	0.011 U
xylene (m,p)	SW8260B	MG/KG	0.011 UJ
xylene (o)	SW8260B	MG/KG	0.0057 U

Table 5-20A. Analytical Results for South Valley - Soil

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	Location ID		**TW-11/16**
	Sample Depth		**16-16.5**
	Sample Date		**12/15/99**
	Lab		**Onsite**
	Sample Type		**N**
	Event		**REMEDIAL**
Analyte	**Method**	**Units**	
acenaphthene	SW8310	MG/KG	0.47 U
acenapthylene	SW8310	MG/KG	0.47 U
anthracene	SW8310	MG/KG	0.16 U
benzo(a)anthracene	SW8310	MG/KG	0.024 U
benzo(a)pyrene	SW8310	MG/KG	0.024 U
benzo(b)fluoranthene	SW8310	MG/KG	0.035 U
benzo(g,h,i)perylene	SW8310	MG/KG	0.024 U
benzo(k)fluoranthene	SW8310	MG/KG	0.024 U
chrysene	SW8310	MG/KG	0.047 U
dibenz(a,h)anthracene	SW8310	MG/KG	0.047 U
fluoranthene	SW8310	MG/KG	0.059 U
fluorene	SW8310	MG/KG	0.047 U
indeno(1,2,3-c,d)pyrene	SW8310	MG/KG	0.047 U
naphthalene	SW8310	MG/KG	0.47 U
phenanthrene	SW8310	MG/KG	0.14 U
pyrene	SW8310	MG/KG	0.071 U

Table 5-20A. Analytical Results for South Valley - Soil
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	Location ID		TW-11/16
	Sample Depth		16-16.5
	Sample Date		12/15/99
	Lab		Onsite
	Sample Type		N
	Event		REMEDIAL
Analyte	**Method**	**Units**	
1,3,5-trinitrobenzene	SW8330	MG/KG	0.5 U
1,3-dinitrobenzene	SW8330	MG/KG	0.5 U
2,4,6-trinitrotoluene	SW8330	MG/KG	0.5 U
2,4-dinitrotoluene	SW8330	MG/KG	0.5 U
2,6-dinitrotoluene	SW8330	MG/KG	0.5 U
2-nitrotoluene	SW8330	MG/KG	0.5 U
3-nitrotoluene	SW8330	MG/KG	0.5 U
4-nitrotoluene	SW8330	MG/KG	0.5 U
amino-dnts	SW8330	MG/KG	1 U
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	MG/KG	0.5 U
nitrobenzene	SW8330	MG/KG	0.5 U
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	MG/KG	0.5 U
tetryl	SW8330	MG/KG	0.5 U

Table 5-20A. Analytical Results for South Valley - Soil

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	Location ID		**TW-11/16**
	Sample Depth		**16-16.5**
	Sample Date		**12/15/99**
	Lab		**Onsite**
	Sample Type		**N**
	Event		**REMEDIAL**
Analyte	**Method**	**Units**	
kerosene	M8015B	MG/KG	1.2 U
motor oils	M8015B	MG/KG	12 U
tph as diesel (c10-c28)	M8015B	MG/KG	1.2 U
nitroglycerin	SW8330M	MG/KG	0.62 U
pentaerythritol tetranitrate	SW8330M	MG/KG	0.62 U

Table 5-20B. Analytical Results for South Valley - Groundwater
(Page 1 of 9)

	Location ID		**TW-12**
	Sample Depth		**-**
	Sample Date		**12/22/99**
	Lab		**Quanterra**
	Sample Type		**N**
	Event		**REMEDIAL**
Analyte	**Method**	**Units**	
aluminum	SW6010B	MG/L	545
antimony	SW6010B	MG/L	0.031 U
arsenic	SW6010B	MG/L	0.27
barium	SW6010B	MG/L	6
beryllium	SW6010B	MG/L	0.012
cadmium	SW6010B	MG/L	0.0031 U
calcium	SW6010B	MG/L	917
chromium, total	SW6010B	MG/L	1
cobalt	SW6010B	MG/L	0.41
copper	SW6010B	MG/L	1.5
iron	SW6010B	MG/L	825
lead	SW6010B	MG/L	0.18
magnesium	SW6010B	MG/L	337
manganese	SW6010B	MG/L	17.5
molybdenum	SW6010B	MG/L	0.0046 U
nickel	SW6010B	MG/L	1.4
phosphorus, total (as P)	SW6010B	MG/L	6.9
potassium	SW6010B	MG/L	41.5
selenium	SW6010B	MG/L	0.027
silver	SW6010B	MG/L	0.0032 U
sodium	SW6010B	MG/L	131
thallium	SW6010B	MG/L	0.009 U
vanadium	SW6010B	MG/L	1.3
zinc	SW6010B	MG/L	2.2
mercury	SW7470A	MG/L	0.0017

Table 5-20B. Analytical Results for South Valley - Groundwater
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	Location ID		TW-12	TW-12/A	MW-10	MW-11
	Sample Depth		-	-	-	-
	Sample Date		12/22/99	12/22/99	4/20/00	4/20/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		N	FD	N	N
	Event		REMEDIAL	REMEDIAL	GAPS2	GAPS2
Analyte	**Method**	**Units**				
aluminum (filtered)	SW6010B-F	MG/L	0.046 J	0.68	0.043 U	3.9
antimony (filtered)	SW6010B-F	MG/L	0.031 U	0.031 U	0.0022 U	0.0022 U
arsenic (filtered)	SW6010B-F	MG/L	0.0042 U	0.0042 U	0.0042 U	0.0042 U
barium (filtered)	SW6010B-F	MG/L	0.076	0.077	0.045	0.11
beryllium (filtered)	SW6010B-F	MG/L	0.00009 U	0.00009 U	0.00009 U	0.00009 U
cadmium (filtered)	SW6010B-F	MG/L	0.0031 U	0.0031 U	0.00037 U	0.00037 U
calcium (filtered)	SW6010B-F	MG/L	69.1	74.5	155	87.7
chromium, total (filtered)	SW6010B-F	MG/L	0.0028 U	0.0028 U	0.0028 U	0.0099 J
cobalt (filtered)	SW6010B-F	MG/L	0.0074 U	0.0074 U	0.0074 U	0.0074 U
copper (filtered)	SW6010B-F	MG/L	0.0053 J	0.057	0.0036 UJ	0.0094 J
iron (filtered)	SW6010B-F	MG/L	0.044 UJ	0.034 UJ	0.038 UJ	7.3
lead (filtered)	SW6010B-F	MG/L	0.0018 U	0.012	0.0018 U	0.0018 U
magnesium (filtered)	SW6010B-F	MG/L	42.9	45	92.4	56.4
manganese (filtered)	SW6010B-F	MG/L	0.17	0.12	0.2	0.47
molybdenum (filtered)	SW6010B-F	MG/L	0.005 UJ	0.0046 U	0.0015 U	0.0017 J
nickel (filtered)	SW6010B-F	MG/L	0.002 UJ	0.0014 UJ	0.0012 U	0.0094 J
phosphorus, total as P (filtered)	SW6010B-F	MG/L	0.12 U	0.12 U	0.12 U	0.17 J
potassium (filtered)	SW6010B-F	MG/L	3 J	1.6 J	1.3 J	1.7 J
selenium (filtered)	SW6010B-F	MG/L	0.0032 U	0.0032 U	0.0032 U	0.0032 U
silver (filtered)	SW6010B-F	MG/L	0.0032 U	0.0032 U	0.0032 U	0.0032 U
sodium (filtered)	SW6010B-F	MG/L	114	103	87.1	132
thallium (filtered)	SW6010B-F	MG/L	0.003 U	0.003 U	0.003 U	0.003 U
vanadium (filtered)	SW6010B-F	MG/L	0.0032 U	0.0032 U	0.0032 U	0.017
zinc (filtered)	SW6010B-F	MG/L	0.0021 U	0.0023 UJ	0.0079 UJ	0.017 J
mercury (filtered)	SW7470A-F	MG/L	0.000049 U	0.000049 U	0.000049 U	0.000049 U

Table 5-20B. Analytical Results for South Valley - Groundwater
(Page 3 of 9)

	Location ID		TW-12	MW-10	MW-11
	Sample Depth		-	-	-
	Sample Date		12/22/99	4/20/00	4/20/00
	Lab		Onsite	Quanterra	Quanterra
	Sample Type		N	N	N
	Event		REMEDIAL	GAPS2	GAPS2
Analyte	**Method**	**Units**			
1,1,1,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U
1,1,1-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U
1,1,2,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U
1,1,2-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U
1,1-dichloroethane	SW8260B	UG/L	3 U	3 U	3 U
1,1-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U
1,1-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U
1,2,3-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U
1,2,3-trichloropropane	SW8260B	UG/L	2 U	2 U	2 U
1,2,4-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U
1,2,4-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U
1,2-dibromo-3-chloropropane	SW8260B	UG/L	2 U	2 UR	2 UR
1,2-dibromoethane	SW8260B	UG/L	1 U		
1,2-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U
1,2-dichloroethane	SW8260B	UG/L	1 U	1 U	1 U
1,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U
1,3,5-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U
1,3-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U
1,3-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U
1,4-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U
2,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U
2-butanone	SW8260B	UG/L	10 U	10 UJ	10 UJ
2-chloroethyl vinyl ether	SW8260B	UG/L	2 UJ	5 UR	5 UR
2-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U
2-hexanone	SW8260B	UG/L	10 U	10 UJ	10 UJ
4-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U
4-methyl-2-pentanone	SW8260B	UG/L	10 U	10 UJ	10 UJ
acetone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ
benzene	SW8260B	UG/L	1 U	1 U	1 U

Table 5-20B. Analytical Results for South Valley - Groundwater
(Page 4 of 9)

	Location ID		TW-12	MW-10	MW-11
	Sample Depth		-	-	-
	Sample Date		12/22/99	4/20/00	4/20/00
	Lab		Onsite	Quanterra	Quanterra
	Sample Type		N	N	N
	Event		REMEDIAL	GAPS2	GAPS2
Analyte	**Method**	**Units**			
bromobenzene	SW8260B	UG/L	1 U	1 U	1 U
bromochloromethane	SW8260B	UG/L	1 U	1 U	1 U
bromodichloromethane	SW8260B	UG/L	1 U	1 U	1 U
bromoform	SW8260B	UG/L	1 U	1 U	1 U
bromomethane	SW8260B	UG/L	2 U	2 UJ	2 UJ
carbon disulfide	SW8260B	UG/L	1 U	2 U	2 U
carbon tetrachloride	SW8260B	UG/L	1 U	1 U	1 U
chlorobenzene	SW8260B	UG/L	1 U	1 U	1 U
chloroethane	SW8260B	UG/L	2 U	2 U	2 U
chloroform	SW8260B	UG/L	1 U	1 U	1 U
chloromethane	SW8260B	UG/L	2 U	2 U	2 U
cis-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U
cis-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U
dibromochloromethane	SW8260B	UG/L	1 U	1 U	1 U
dibromomethane	SW8260B	UG/L	1 U	1 U	1 U
dichlorodifluoromethane	SW8260B	UG/L	2 UJ	2 U	2 U
ethylbenzene	SW8260B	UG/L	1 U	1 U	1 U
ethylene dibromide	SW8260B	UG/L		1 U	1 U
Freon 113	SW8260B	UG/L	1 U	2 U	2 U
hexachlorobutadiene	SW8260B	UG/L	1 U	1 U	1 U
isopropylbenzene (cumene)	SW8260B	UG/L	1 U	1 U	1 U
methylene chloride	SW8260B	UG/L	2 UJ	2 U	2 U
n-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U
n-propylbenzene	SW8260B	UG/L	1 U	1 U	1 U
naphthalene	SW8260B	UG/L	1 U	1 U	1 U
p-cymene (p-isopropyltoluene)	SW8260B	UG/L	1 U	1 U	1 U
sec-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U
styrene	SW8260B	UG/L	1 U	1 U	1 U
t-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U

Table 5-20B. Analytical Results for South Valley - Groundwater
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	Location ID		TW-12	MW-10	MW-11
	Sample Depth		-	-	-
	Sample Date		12/22/99	4/20/00	4/20/00
	Lab		Onsite	Quanterra	Quanterra
	Sample Type		N	N	N
	Event		REMEDIAL	GAPS2	GAPS2
Analyte	**Method**	**Units**			
tert-butyl methyl ether	SW8260B	UG/L	2 U	2 U	2 U
tetrachloroethene (PCE)	SW8260B	UG/L	1 U	1 U	1 U
toluene	SW8260B	UG/L	1 U	1 U	1 U
trans-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U
trans-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U
trichloroethene (TCE)	SW8260B	UG/L	1 U	1 U	1 U
trichlorofluoromethane	SW8260B	UG/L	2 U	2 U	2 U
vinyl acetate	SW8260B	UG/L	5 UJ	10 UJ	10 UJ
vinyl chloride	SW8260B	UG/L	2 U	2 U	2 U
xylene (m,p)	SW8260B	UG/L	1 U	1 U	1 U
xylene (o)	SW8260B	UG/L	1 U	1 U	1 U

Table 5-20B. Analytical Results for South Valley - Groundwater
(Page 6 of 9)

	Location ID		TW-12	MW-10	MW-11
	Sample Depth		-	-	-
	Sample Date		12/22/99	4/20/00	4/20/00
	Lab		Onsite	Quanterra	Quanterra
	Sample Type		N	N	N
	Event		REMEDIAL	GAPS2	GAPS2
Analyte	**Method**	**Units**			
acenaphthene	SW8310	UG/L	2.5 UJ	2 U	2 U
acenapthylene	SW8310	UG/L	5 UJ	2 U	2 U
anthracene	SW8310	UG/L	0.7 UJ	0.1 U	0.1 U
benzo(a)anthracene	SW8310	UG/L	0.3 UJ	0.1 U	0.1 U
benzo(a)pyrene	SW8310	UG/L	0.3 UJ	0.1 U	0.1 U
benzo(b)fluoranthene	SW8310	UG/L	0.5 U	0.2 U	0.2 U
benzo(g,h,i)perylene	SW8310	UG/L	0.5 UJ	0.2 U	0.2 U
benzo(k)fluoranthene	SW8310	UG/L	0.5 U	0.1 U	0.1 U
chrysene	SW8310	UG/L	0.3 U	0.1 U	0.1 U
dibenz(a,h)anthracene	SW8310	UG/L	1 U	0.2 U	0.2 U
fluoranthene	SW8310	UG/L	0.5 UJ	0.2 U	0.2 U
fluorene	SW8310	UG/L	0.5 U	0.2 U	0.2 U
indeno(1,2,3-c,d)pyrene	SW8310	UG/L	0.5 U	0.2 U	0.2 U
naphthalene	SW8310	UG/L	2.5 UJ	1 U	1 U
phenanthrene	SW8310	UG/L	0.6 UJ	0.1 U	0.1 U
pyrene	SW8310	UG/L	0.5 UJ	0.2 U	0.2 U

Table 5-20B. Analytical Results for South Valley - Groundwater

		Location ID	TW-12	MW-10	MW-11	MW-12
		Sample Depth	-	-	-	-
		Sample Date	12/22/99	4/20/00	4/20/00	4/20/00
		Lab	Onsite	Quanterra	Quanterra	Quanterra
		Sample Type	N	N	N	N
		Event	REMEDIAL	GAPS2	GAPS2	GAPS2
Analyte	**Method**	**Units**				
1,3,5-trinitrobenzene	SW8330	UG/L	5 UJ	5 U	5 U	5 U
1,3-dinitrobenzene	SW8330	UG/L	5 UJ	5 U	5 U	5 U
2,4,6-trinitrotoluene	SW8330	UG/L	5 UJ	5 U	5 U	5 U
2,4-dinitrotoluene	SW8330	UG/L	5 UJ	5 U	5 U	5 U
2,6-dinitrotoluene	SW8330	UG/L	5 UJ	5 U	5 U	5 U
2-amino-4,6-dinitrotoluene	SW8330	UG/L		5 U	5 U	5 U
2-nitrotoluene	SW8330	UG/L	5 UJ	5 U	5 U	5 U
3-nitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	0.59 J
4-amino-2,6-dinitrotoluene	SW8330	UG/L		5 U	5 U	5 U
4-nitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ
amino-dnts	SW8330	UG/L	10 UR			
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ
nitrobenzene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	UG/L	5 UJ	5 U	5 U	5 U
tetryl	SW8330	UG/L	5 UJ	5 U	5 U	5 U

Table 5-20B. Analytical Results for South Valley - Groundwater
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	Location ID		TW-12	TW-12	TW-12	MW-10	MW-10	MW-10
	Sample Depth		-	-	-	-	-	-
	Sample Date		12/22/99	12/22/99	12/22/99	4/20/00	4/20/00	4/20/00
	Lab		Babcock	Onsite	Quanterra	Babcock	Quanterra	Truesdail
	Sample Type		N	N	N	N	N	N
	Event		REMEDIAL	REMEDIAL	REMEDIAL	GAPS2	GAPS2	GAPS2
Analyte	**Method**	**Units**						
total dissolved solids	E160.1	MG/L			701		1120	
suspended solids	E160.2	MG/L			1340		74	
chloride (as Cl)	E300-CL	MG/L			104		235	
nitrogen, nitrite (as N)	E300-NO2N	MG/L					0.07 UJ	
nitrogen, nitrate (as N)	E300-NO3N	MG/L					0.042 J	
perchlorate	E300-PCATE	UG/L	16 UJ			4 U		
sulfate (as SO4)	E300-SO4	MG/L			70.5		307	
total organic carbon	E415.1	MG/L			1.3		2.4	
1,1-dimethylhydrazine	SW8315	UG/L						5 U
hydrazine	SW8315	UG/L						1 U
methyl hydrazine	SW8315	UG/L						5 U
nitroglycerin	SW8330M	UG/L		25 UJ			25 U	
pentaerythritol tetranitrate	SW8330M	UG/L		50 UJ			50 U	

Table 5-20B. Analytical Results for South Valley - Groundwater

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	Location ID		MW-11	MW-11	MW-11	MW-12	MW-12
	Sample Depth		-	-	-	-	-
	Sample Date		4/20/00	4/20/00	4/20/00	4/20/00	4/20/00
	Lab		Babcock	Quanterra	Truesdall	Quanterra	Truesdall
	Sample Type		N	N	N	N	N
	Event		GAPS2	GAPS2	GAPS2	GAPS2	GAPS2
Analyte	**Method**	**Units**					
total dissolved solids	E160.1	MG/L		895		653	
suspended solids	E160.2	MG/L		1290		2420	
chloride (as Cl)	E300-CL	MG/L		62.2		61.8	
nitrogen, nitrite (as N)	E300-NO2N	MG/L		0.035 U		0.035 U	
nitrogen, nitrate (as N)	E300-NO3N	MG/L		0.065 J		0.057 J	
perchlorate	E300-PCATE	UG/L	4 U				
sulfate (as SO4)	E300-SO4	MG/L		109		74.9	
total organic carbon	E415.1	MG/L		3.3		5.8	
1,1-dimethylhydrazine	SW8315	UG/L			5 UJ		5 UJ
hydrazine	SW8315	UG/L			1 UJ		1 UJ
methyl hydrazine	SW8315	UG/L			5 U		5 U
nitroglycerin	SW8330M	UG/L		25 U		25 U	
pentaerythritol tetranitrate	SW8330M	UG/L		50 U		50 U	

Table 5-20C. Analytical Results for South Valley - Seeps
(Page 1 of 7)

	Location ID		**SV-S1**
	Sample Depth		**-**
	Sample Date		**3/29/00**
	Lab		**Quanterra**
	Sample Type		**N**
	Event		**GAPS2**
Analyte	**Method**	**Units**	
aluminum (filtered)	SW6010B-F	MG/L	0.043 U
antimony (filtered)	SW6010B-F	MG/L	0.0022 U
arsenic (filtered)	SW6010B-F	MG/L	0.0042 U
barium (filtered)	SW6010B-F	MG/L	0.08
beryllium (filtered)	SW6010B-F	MG/L	0.00009 U
cadmium (filtered)	SW6010B-F	MG/L	0.00037 U
calcium (filtered)	SW6010B-F	MG/L	56.6
chromium, total (filtered)	SW6010B-F	MG/L	0.0028 U
cobalt (filtered)	SW6010B-F	MG/L	0.0074 U
copper (filtered)	SW6010B-F	MG/L	0.0025 J
iron (filtered)	SW6010B-F	MG/L	0.01 J
lead (filtered)	SW6010B-F	MG/L	0.0018 U
magnesium (filtered)	SW6010B-F	MG/L	40
manganese (filtered)	SW6010B-F	MG/L	0.004 J
molybdenum (filtered)	SW6010B-F	MG/L	0.0015 U
nickel (filtered)	SW6010B-F	MG/L	0.0012 U
phosphorus, total as P (filtered)	SW6010B-F	MG/L	0.12 U
potassium (filtered)	SW6010B-F	MG/L	0.6 U
selenium (filtered)	SW6010B-F	MG/L	0.0032 U
silver (filtered)	SW6010B-F	MG/L	0.0032 U
sodium (filtered)	SW6010B-F	MG/L	60.1
thallium (filtered)	SW6010B-F	MG/L	0.003 U
vanadium (filtered)	SW6010B-F	MG/L	0.0032 U
zinc (filtered)	SW6010B-F	MG/L	0.034
mercury (filtered)	SW7470A-F	MG/L	0.000049 U

Table 5-20C. Analytical Results for South Valley - Seeps
(Page 2 of 7)

	Location ID	SV-S1
	Sample Depth	-
	Sample Date	3/29/00
	Lab	Quanterra
	Sample Type	N
	Event	GAPS2

Analyte	Method	Units	
1,1,1,2-tetrachloroethane	SW8260B	UG/L	1 U
1,1,1-trichloroethane	SW8260B	UG/L	1 U
1,1,2,2-tetrachloroethane	SW8260B	UG/L	1 U
1,1,2-trichloroethane	SW8260B	UG/L	1 U
1,1-dichloroethane	SW8260B	UG/L	3 U
1,1-dichloroethene	SW8260B	UG/L	1 U
1,1-dichloropropene	SW8260B	UG/L	1 U
1,2,3-trichlorobenzene	SW8260B	UG/L	1 U
1,2,3-trichloropropane	SW8260B	UG/L	2 U
1,2,4-trichlorobenzene	SW8260B	UG/L	1 U
1,2,4-trimethylbenzene	SW8260B	UG/L	1 U
1,2-dibromo-3-chloropropane	SW8260B	UG/L	2 UR
1,2-dichlorobenzene	SW8260B	UG/L	1 U
1,2-dichloroethane	SW8260B	UG/L	1 U
1,2-dichloropropane	SW8260B	UG/L	1 U
1,3,5-trimethylbenzene	SW8260B	UG/L	1 U
1,3-dichlorobenzene	SW8260B	UG/L	1 U
1,3-dichloropropane	SW8260B	UG/L	1 U
1,4-dichlorobenzene	SW8260B	UG/L	1 U
2,2-dichloropropane	SW8260B	UG/L	1 U
2-butanone	SW8260B	UG/L	10 UJ
2-chloroethyl vinyl ether	SW8260B	UG/L	5 UR
2-chlorotoluene	SW8260B	UG/L	1 U

Table 5-20C. Analytical Results for South Valley - Seeps
(Page 3 of 7)

	Location ID		**SV-S1**
	Sample Depth		**-**
	Sample Date		**3/29/00**
	Lab		**Quanterra**
	Sample Type		**N**
	Event		**GAPS2**
Analyte	**Method**	**Units**	
2-hexanone	SW8260B	UG/L	10 UJ
4-chlorotoluene	SW8260B	UG/L	1 U
4-methyl-2-pentanone	SW8260B	UG/L	10 UJ
acetone	SW8260B	UG/L	10 UJ
benzene	SW8260B	UG/L	1 U
bromobenzene	SW8260B	UG/L	1 U
bromochloromethane	SW8260B	UG/L	1 U
bromodichloromethane	SW8260B	UG/L	1 U
bromoform	SW8260B	UG/L	1 U
bromomethane	SW8260B	UG/L	2 U
carbon disulfide	SW8260B	UG/L	2 U
carbon tetrachloride	SW8260B	UG/L	1 U
chlorobenzene	SW8260B	UG/L	1 U
chloroethane	SW8260B	UG/L	2 U
chloroform	SW8260B	UG/L	1 U
chloromethane	SW8260B	UG/L	2 U
cis-1,2-dichloroethene	SW8260B	UG/L	1 U
cis-1,3-dichloropropene	SW8260B	UG/L	1 U
dibromochloromethane	SW8260B	UG/L	1 U
dibromomethane	SW8260B	UG/L	1 U
dichlorodifluoromethane	SW8260B	UG/L	2 U
ethylbenzene	SW8260B	UG/L	1 U
ethylene dibromide	SW8260B	UG/L	1 U

Table 5-20C. Analytical Results for South Valley - Seeps
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	Location ID		**SV-S1**
	Sample Depth		**-**
	Sample Date		**3/29/00**
	Lab		**Quanterra**
	Sample Type		**N**
	Event		**GAPS2**
Analyte	**Method**	**Units**	
Freon 113	SW8260B	UG/L	2 U
hexachlorobutadiene	SW8260B	UG/L	1 U
isopropylbenzene (cumene)	SW8260B	UG/L	1 U
methylene chloride	SW8260B	UG/L	2 U
n-butylbenzene	SW8260B	UG/L	1 U
n-propylbenzene	SW8260B	UG/L	1 U
naphthalene	SW8260B	UG/L	1 U
p-cymene (p-isopropyltoluene)	SW8260B	UG/L	1 U
sec-butylbenzene	SW8260B	UG/L	1 U
styrene	SW8260B	UG/L	1 U
t-butylbenzene	SW8260B	UG/L	1 U
tert-butyl methyl ether	SW8260B	UG/L	2 U
tetrachloroethene (PCE)	SW8260B	UG/L	1 U
toluene	SW8260B	UG/L	1 U
trans-1,2-dichloroethene	SW8260B	UG/L	1 U
trans-1,3-dichloropropene	SW8260B	UG/L	1 U
trichloroethene (TCE)	SW8260B	UG/L	1 U
trichlorofluoromethane	SW8260B	UG/L	2 U
vinyl acetate	SW8260B	UG/L	10 UJ
vinyl chloride	SW8260B	UG/L	2 U
xylene (m,p)	SW8260B	UG/L	1 U
xylene (o)	SW8260B	UG/L	1 U

Table 5-20C. Analytical Results for South Valley - Seeps
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	Location ID		**SV-S1**
	Sample Depth		**-**
	Sample Date		**4/07/00**
	Lab		**Quanterra**
	Sample Type		**N**
	Event		**GAPS2**
Analyte	**Method**	**Units**	
acenaphthene	SW8310	UG/L	2 U
acenapthylene	SW8310	UG/L	2 U
anthracene	SW8310	UG/L	0.1 U
benzo(a)anthracene	SW8310	UG/L	0.1 U
benzo(a)pyrene	SW8310	UG/L	0.1 U
benzo(b)fluoranthene	SW8310	UG/L	0.2 U
benzo(g,h,i)perylene	SW8310	UG/L	0.2 U
benzo(k)fluoranthene	SW8310	UG/L	0.1 U
chrysene	SW8310	UG/L	0.1 U
dibenz(a,h)anthracene	SW8310	UG/L	0.2 U
fluoranthene	SW8310	UG/L	0.2 U
fluorene	SW8310	UG/L	0.2 U
indeno(1,2,3-c,d)pyrene	SW8310	UG/L	0.2 U
naphthalene	SW8310	UG/L	1 U
phenanthrene	SW8310	UG/L	0.1 U
pyrene	SW8310	UG/L	0.2 U

Table 5-20C. Analytical Results for South Valley - Seeps
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	Location ID		SV-S1
	Sample Depth		-
	Sample Date		3/29/00
	Lab		Quanterra
	Sample Type		N
	Event		GAPS2
Analyte	**Method**	**Units**	
1,3,5-trinitrobenzene	SW8330	UG/L	5 U
1,3-dinitrobenzene	SW8330	UG/L	5 U
2,4,6-trinitrotoluene	SW8330	UG/L	5 U
2,4-dinitrotoluene	SW8330	UG/L	5 U
2,6-dinitrotoluene	SW8330	UG/L	5 U
2-amino-4,6-dinitrotoluene	SW8330	UG/L	5 U
2-nitrotoluene	SW8330	UG/L	5 U
3-nitrotoluene	SW8330	UG/L	5 U
4-amino-2,6-dinitrotoluene	SW8330	UG/L	5 U
4-nitrotoluene	SW8330	UG/L	5 U
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	UG/L	5 U
nitrobenzene	SW8330	UG/L	5 U
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	UG/L	5 U
tetryl	SW8330	UG/L	5 U

Table 5-20C. Analytical Results for South Valley - Seeps
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	Location ID		SV-S1	SV-S1	SV-S1	SV-S1
	Sample Depth		-	-	-	-
	Sample Date		3/29/00	3/29/00	3/29/00	4/07/00
	Lab		Babcock	Quanterra	Truesdail	Quanterra
	Sample Type		N	N	N	N
	Event		GAPS2	GAPS2	GAPS2	GAPS2
Analyte	**Method**	**Units**				
perchlorate	E300-PCATE	UG/L	4 U			
total organic carbon	E415.1	MG/L		1.9		
diesel fuel #2	M8015B	UG/L				200 U
kerosene	M8015B	UG/L				200 U
motor oils	M8015B	UG/L				1000 U
unknown extract. hydrocarbon	M8015B	UG/L				200 U
1,1-dimethylhydrazine	SW8315	UG/L			5 U	
hydrazine	SW8315	UG/L			1 U	
methyl hydrazine	SW8315	UG/L			5 U	

Table 5-20D. Analytical Results for South Valley - Groundwater (August 2000)
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	Location ID		MW-10	MW-11	MW-12
	Sample Depth		-	-	-
	Sample Date		8/10/00	8/11/00	8/14/00
	Lab		Quanterra	Quanterra	Quanterra
	Sample Type		N	N	N
	Event		GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**			
aluminum	SW6010B	MG/L	5.4 J+	0.097 J	22.7
antimony	SW6010B	MG/L	0.031 U	0.031 U	0.031 U
arsenic	SW6010B	MG/L	0.0044 J	0.0042 U	0.0094 J
barium	SW6010B	MG/L	0.16	0.059	0.26
beryllium	SW6010B	MG/L	0.00009 U	0.00009 U	0.00009 U
cadmium	SW6010B	MG/L	0.00037 U	0.00037 U	0.00037 U
calcium	SW6010B	MG/L	151	79.2	100
chromium, total	SW6010B	MG/L	0.013 UJ	0.0028 U	0.046
cobalt	SW6010B	MG/L	0.0074 U	0.0074 U	0.01 J
copper	SW6010B	MG/L	0.0087 J	0.0021 U	0.043
iron	SW6010B	MG/L	7.6	0.11 UJ	28.7
lead	SW6010B	MG/L	0.0018 U	0.0018 U	0.0043
magnesium	SW6010B	MG/L	88.5	50.3	51.4
manganese	SW6010B	MG/L	0.65	0.17	0.69
molybdenum	SW6010B	MG/L	0.0015 U	0.0017 J	0.0015 U
nickel	SW6010B	MG/L	0.0091 J	0.0013 J	0.045
phosphorus, total (as P)	SW6010B	MG/L	0.2 J	0.12 U	0.21 J
potassium	SW6010B	MG/L	1.7 UJ	1.9 J	3.4 J
selenium	SW6010B	MG/L	0.0032 U	0.0032 U	0.0032 U
silver	SW6010B	MG/L	0.0032 U	0.0032 U	0.0032 U
sodium	SW6010B	MG/L	85	111	89.4
strontium	SW6010B	MG/L	0.84	0.75	0.8
thallium	SW6010B	MG/L	0.003 U	0.003 U	0.003 U
vanadium	SW6010B	MG/L	0.023	0.0037 J	0.063
zinc	SW6010B	MG/L	0.021	0.061	0.082
mercury	SW7470A	MG/L	0.000049 U	0.000065 J	0.000049 U

Table 5-20D. Analytical Results for South Valley - Groundwater (August 2000)

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	Location ID		MW-10	MW-11	MW-12
	Sample Depth		-	-	-
	Sample Date		8/10/00	8/11/00	8/14/00
	Lab		Quanterra	Quanterra	Quanterra
	Sample Type		N	N	N
	Event		GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**			
aluminum (filtered)	SW6010B-F	MG/L	0.043 U	0.079 J	0.043 U
antimony (filtered)	SW6010B-F	MG/L	0.031 U	0.031 U	0.031 U
arsenic (filtered)	SW6010B-F	MG/L	0.0042 U	0.0042 U	0.0042 U
barium (filtered)	SW6010B-F	MG/L	0.047	0.058	0.077
beryllium (filtered)	SW6010B-F	MG/L	0.00009 U	0.00009 U	0.00009 U
cadmium (filtered)	SW6010B-F	MG/L	0.00037 U	0.00037 U	0.00037 U
calcium (filtered)	SW6010B-F	MG/L	157	83.7	79.7
chromium, total (filtered)	SW6010B-F	MG/L	0.0028 U	0.0028 U	0.0028 U
cobalt (filtered)	SW6010B-F	MG/L	0.0074 U	0.0074 U	0.0074 U
copper (filtered)	SW6010B-F	MG/L	0.0021 U	0.0021 U	0.0021 U
iron (filtered)	SW6010B-F	MG/L	0.014 UJ	0.1 J	0.0056 J
lead (filtered)	SW6010B-F	MG/L	0.0018 U	0.0018 U	0.0018 U
magnesium (filtered)	SW6010B-F	MG/L	90.5	52.1	45.2
manganese (filtered)	SW6010B-F	MG/L	0.35	0.18	0.32
molybdenum (filtered)	SW6010B-F	MG/L	0.0015 U	0.0015 U	0.0015 U
nickel (filtered)	SW6010B-F	MG/L	0.0016 J	0.0018 J	0.0012 J
phosphorus, total as P (filtered)	SW6010B-F	MG/L	0.12 U	0.12 U	0.12 U
potassium (filtered)	SW6010B-F	MG/L	0.6 U	0.74 J	1.6 J
selenium (filtered)	SW6010B-F	MG/L	0.0032 U	0.0032 U	0.0032 U
silver (filtered)	SW6010B-F	MG/L	0.0032 U	0.0032 U	0.0032 U
sodium (filtered)	SW6010B-F	MG/L	86.6	111	89.5
strontium (filtered)	SW6010B-F	MG/L	0.92	0.75	0.72
thallium (filtered)	SW6010B-F	MG/L	0.003 U	0.0031 J	0.003 U
vanadium (filtered)	SW6010B-F	MG/L	0.0032 U	0.0032 U	0.0032 U
zinc (filtered)	SW6010B-F	MG/L	0.013 UJ	0.016 J	0.014 J
mercury (filtered)	SW7470A-F	MG/L	0.000049 U	0.000049 U	0.000049 U

Table 5-20D. Analytical Results for South Valley - Groundwater (August 2000)

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	Location ID		MW-10	MW-11	MW-12
	Sample Depth		-	-	-
	Sample Date		8/10/00	8/11/00	8/14/00
	Lab		Quanterra	Quanterra	Quanterra
	Sample Type		N	N	N
	Event		GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**			
aldrin	SW8081A	UG/L	0.05 U	0.05 U	0.05 UJ
alpha BHC	SW8081A	UG/L	0.05 U	0.05 U	0.05 U
alpha endosulfan	SW8081A	UG/L	0.05 U	0.05 U	0.05 U
alpha-chlordane	SW8081A	UG/L	0.05 U	0.05 U	0.05 U
beta BHC	SW8081A	UG/L	0.05 U	0.05 U	0.05 U
beta endosulfan	SW8081A	UG/L	0.1 U	0.1 U	0.1 U
delta BHC	SW8081A	UG/L	0.05 U	0.05 U	0.05 U
dieldrin	SW8081A	UG/L	0.1 U	0.1 U	0.1 UJ
endosulfan sulfate	SW8081A	UG/L	0.1 U	0.1 U	0.1 U
endrin	SW8081A	UG/L	0.1 U	0.1 U	0.1 UJ
endrin aldehyde	SW8081A	UG/L	0.1 U	0.1 U	0.1 U
endrin ketone	SW8081A	UG/L	0.1 U	0.1 U	0.1 U
gamma BHC (lindane)	SW8081A	UG/L	0.05 U	0.05 U	0.05 UJ
gamma-chlordane	SW8081A	UG/L	0.05 U	0.05 U	0.05 U
heptachlor	SW8081A	UG/L	0.05 U	0.05 U	0.05 UJ
heptachlor epoxide	SW8081A	UG/L	0.05 U	0.05 U	0.05 U
methoxychlor	SW8081A	UG/L	2 U	2 U	2 U
p,p'-DDD	SW8081A	UG/L	0.1 U	0.1 U	0.1 U
p,p'-DDE	SW8081A	UG/L	0.1 U	0.1 U	0.1 U
p,p'-DDT	SW8081A	UG/L	0.1 U	0.1 U	0.1 UJ
toxaphene	SW8081A	UG/L	2 U	2 U	2 U

Table 5-20D. Analytical Results for South Valley - Groundwater (August 2000)

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	Location ID		MW-10	MW-11	MW-12
	Sample Depth		-	-	-
	Sample Date		8/10/00	8/11/00	8/14/00
	Lab		Quanterra	Quanterra	Quanterra
	Sample Type		N	N	N
	Event		GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**			
1,1,1,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U
1,1,1-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U
1,1,2,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U
1,1,2-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U
1,1-dichloroethane	SW8260B	UG/L	3 U	3 U	3 U
1,1-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U
1,1-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U
1,2,3-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U
1,2,3-trichloropropane	SW8260B	UG/L	2 U	2 U	2 U
1,2,4-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U
1,2,4-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U
1,2-dibromo-3-chloropropane	SW8260B	UG/L	2 U	2 U	2 U
1,2-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U
1,2-dichloroethane	SW8260B	UG/L	1 U	1 U	1 U
1,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U
1,3,5-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U
1,3-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U
1,3-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U
1,4-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U
2,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U
2-butanone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ
2-chloroethyl vinyl ether	SW8260B	UG/L	5 UJ	5 UJ	5 UJ
2-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U
2-hexanone	SW8260B	UG/L	10 U	10 U	10 U
4-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U
4-methyl-2-pentanone	SW8260B	UG/L	10 U	10 U	10 U
acetone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ
benzene	SW8260B	UG/L	1 U	1 U	1 U
bromobenzene	SW8260B	UG/L	1 U	1 U	1 U

Table 5-20D. Analytical Results for South Valley - Groundwater (August 2000)

	Location ID		MW-10	MW-11	MW-12
	Sample Depth		-	-	-
	Sample Date		8/10/00	8/11/00	8/14/00
	Lab		Quanterra	Quanterra	Quanterra
	Sample Type		N	N	N
	Event		GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**			
bromochloromethane	SW8260B	UG/L	1 U	1 U	1 U
bromodichloromethane	SW8260B	UG/L	1 U	1 U	1 U
bromoform	SW8260B	UG/L	1 U	1 U	1 U
bromomethane	SW8260B	UG/L	2 U	2 U	2 U
carbon disulfide	SW8260B	UG/L	2 U	2 U	2 U
carbon tetrachloride	SW8260B	UG/L	1 U	1 U	1 U
chlorobenzene	SW8260B	UG/L	1 U	1 U	1 U
chloroethane	SW8260B	UG/L	2 U	2 U	2 U
chloroform	SW8260B	UG/L	1 U	1 U	1 U
chloromethane	SW8260B	UG/L	2 U	2 U	2 U
cis-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U
cis-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U
dibromochloromethane	SW8260B	UG/L	1 U	1 U	1 U
dibromomethane	SW8260B	UG/L	1 U	1 U	1 U
dichlorodifluoromethane	SW8260B	UG/L	2 U	2 U	2 U
ethylbenzene	SW8260B	UG/L	1 U	1 U	1 U
ethylene dibromide	SW8260B	UG/L	1 U	1 U	1 U
Freon 113	SW8260B	UG/L	2 U	2 U	2 U
hexachlorobutadiene	SW8260B	UG/L	1 U	1 U	1 U
isopropylbenzene (cumene)	SW8260B	UG/L	1 U	1 U	1 U
methylene chloride	SW8260B	UG/L	2 U	2 U	2 U
n-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U
n-propylbenzene	SW8260B	UG/L	1 U	1 U	1 U
naphthalene	SW8260B	UG/L	1 U	1 U	1 U
p-cymene (p-isopropyltoluene)	SW8260B	UG/L	1 U	1 U	1 U
sec-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U
styrene	SW8260B	UG/L	1 U	1 U	1 U
t-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U
tert-butyl methyl ether	SW8260B	UG/L	2 U	2 U	2 U

Table 5-20D. Analytical Results for South Valley - Groundwater (August 2000)

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	Location ID		MW-10	MW-11	MW-12
	Sample Depth		-	-	-
	Sample Date		8/10/00	8/11/00	8/14/00
	Lab		Quanterra	Quanterra	Quanterra
	Sample Type		N	N	N
	Event		GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**			
tetrachloroethene (PCE)	SW8260B	UG/L	1 U	1 U	1 U
toluene	SW8260B	UG/L	1 U	1 U	1 U
trans-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U
trans-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U
trichloroethene (TCE)	SW8260B	UG/L	1 U	1 U	1 U
trichlorofluoromethane	SW8260B	UG/L	2 U	2 U	2 U
vinyl acetate	SW8260B	UG/L	10 UJ	10 UJ	10 UJ
vinyl chloride	SW8260B	UG/L	2 U	2 U	2 U
xylene (m,p)	SW8260B	UG/L	1 U	1 U	1 U
xylene (o)	SW8260B	UG/L	1 U	1 U	1 U

Table 5-20D. Analytical Results for South Valley - Groundwater (August 2000)

	Location ID		MW-10	MW-11	MW-12
	Sample Depth		-	-	-
	Sample Date		8/10/00	8/11/00	8/14/00
	Lab		Quanterra	Quanterra	Quanterra
	Sample Type		N	N	N
	Event		GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**			
acenaphthene	SW8310	UG/L	2 U	2 U	2 U
acenapthylene	SW8310	UG/L	1.1 J	2 U	2 U
anthracene	SW8310	UG/L	0.1 U	0.1 U	0.1 U
benzo(a)anthracene	SW8310	UG/L	0.1 U	0.1 U	0.1 U
benzo(a)pyrene	SW8310	UG/L	0.1 U	0.1 U	0.1 U
benzo(b)fluoranthene	SW8310	UG/L	0.2 U	0.2 U	0.2 U
benzo(g,h,i)perylene	SW8310	UG/L	0.2 U	0.2 U	0.2 U
benzo(k)fluoranthene	SW8310	UG/L	0.1 U	0.1 U	0.1 U
chrysene	SW8310	UG/L	0.1 U	0.1 U	0.1 U
dibenz(a,h)anthracene	SW8310	UG/L	0.2 UJ	0.2 UJ	0.2 UJ
fluoranthene	SW8310	UG/L	0.2 U	0.2 U	0.2 U
fluorene	SW8310	UG/L	0.2 U	0.2 U	0.2 U
indeno(1,2,3-c,d)pyrene	SW8310	UG/L	0.2 U	0.2 U	0.2 U
naphthalene	SW8310	UG/L	1 U	1 U	1 U
phenanthrene	SW8310	UG/L	0.1 U	0.1 U	0.1 U
pyrene	SW8310	UG/L	0.2 U	0.2 U	0.2 U

Table 5-20D. Analytical Results for South Valley - Groundwater (August 2000)

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	Location ID		MW-10	MW-11	MW-12
	Sample Depth		-	-	-
	Sample Date		8/10/00	8/11/00	8/14/00
	Lab		Quanterra	Quanterra	Quanterra
	Sample Type		N	N	N
	Event		GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**			
1,3,5-trinitrobenzene	SW8330	UG/L	5 U	5 U	5 U
1,3-dinitrobenzene	SW8330	UG/L	5 U	5 U	5 U
2,4,6-trinitrotoluene	SW8330	UG/L	5 U	5 U	5 U
2,4-dinitrotoluene	SW8330	UG/L	5 U	5 U	5 U
2,6-dinitrotoluene	SW8330	UG/L	5 U	5 U	5 U
2-amino-4,6-dinitrotoluene	SW8330	UG/L	5 U	5 U	5 U
2-nitrotoluene	SW8330	UG/L	5 U	5 U	5 U
3-nitrotoluene	SW8330	UG/L	5 U	5 U	5 U
4-amino-2,6-dinitrotoluene	SW8330	UG/L	5 U	5 U	5 U
4-nitrotoluene	SW8330	UG/L	5 U	5 U	5 U
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	UG/L	5 U	5 U	5 U
nitrobenzene	SW8330	UG/L	5 U	5 U	5 U
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	UG/L	5 U	5 U	5 U
tetryl	SW8330	UG/L	5 U	5 U	5 U

Table 5-20D. Analytical Results for South Valley - Groundwater (August 2000)

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	Location ID		MW-10	MW-11	MW-12
	Sample Depth		-	-	-
	Sample Date		8/10/00	8/11/00	8/14/00
	Lab		Quanterra	Quanterra	Quanterra
	Sample Type		N	N	N
	Event		GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**			
diesel fuel #2	M8015B	UG/L	50 UJ	50 UJ	50 UJ
kerosene	M8015B	UG/L	50 UJ	50 UJ	50 UJ
motor oils	M8015B	UG/L	500 U	500 U	500 U
unknown extract. hydrocarbon	M8015B	UG/L	50 UJ	50 UJ	50 UJ

Table 5-21. Analytical Results for Ridge Stockpiles - Soil
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	Location ID		RSP1	RSP2	RSP2A	RSP3	RSP4
	Sample Depth		0-0	2.5-3	2.5-3	0-0	0-0
	Sample Date		12/06/99	12/04/99	12/04/99	12/04/99	12/04/99
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		N	N	FR	N	N
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**					
aluminum	SW6010B	MG/KG	22000	20900	21200	23000	17000
antimony	SW6010B	MG/KG	0.62 J	0.83 J	0.63 J	0.58 J	0.57 J
arsenic	SW6010B	MG/KG	9.5	13.4 J	8.7 J	15	9
barium	SW6010B	MG/KG	367	224	236	276	155
beryllium	SW6010B	MG/KG	0.61	0.7	0.73	0.73	0.55
cadmium	SW6010B	MG/KG	0.49 U	0.49 U	0.51 U	0.5 U	0.5 U
calcium	SW6010B	MG/KG	9570	15200	15600	11800	8240
chromium, total	SW6010B	MG/KG	50.4	52.2	52.7	54.8	42.1
cobalt	SW6010B	MG/KG	17.1	18.8	19	21	17.4
copper	SW6010B	MG/KG	50 J-	57.8 J-	53.2 J-	66.3	47.4
iron	SW6010B	MG/KG	43500	39000	39000	49700	34200
lead	SW6010B	MG/KG	8.3 J	18.9 J	20 J	9 J	6.8 J
magnesium	SW6010B	MG/KG	8740	10200	9830	9090	9080
manganese	SW6010B	MG/KG	592	782	883	759	610
molybdenum	SW6010B	MG/KG	0.56 U	0.56 U	0.59 U	0.58 U	0.58 U
nickel	SW6010B	MG/KG	53.1	57.9	56.9	62.2	46.1
phosphorus, total (as P)	SW6010B	MG/KG	662	302	300	1380	413
potassium	SW6010B	MG/KG	1470	1380	1350	1600	1150
selenium	SW6010B	MG/KG	0.32 U	0.32 UJ	0.33 UJ	0.66 U	0.33 U
silver	SW6010B	MG/KG	0.22 U	0.22 U	0.23 U	0.23 U	0.23 U
sodium	SW6010B	MG/KG	368 J	225 J	231 J	350	325
thallium	SW6010B	MG/KG	0.43 U	0.43 UJ	0.45 UJ	0.89 U	0.44 U
vanadium	SW6010B	MG/KG	82.7	63.4	66.4	82.7	60
zinc	SW6010B	MG/KG	80 J	93.5 J	93.7 J	100	76.9
mercury	SW7471A	MG/KG	0.054	0.069	0.07	0.048	0.042 J

Table 5-21. Analytical Results for Ridge Stockpiles - Soil
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	Location ID		RSP5	RSP6	RSP7	RSP8	RSP9
	Sample Depth		0-0	2.5-3	2.5-3	0-0	2.5-3
	Sample Date		12/07/99	12/06/99	12/06/99	12/06/99	12/06/99
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		N	N	N	N	N
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**					
aluminum	SW6010B	MG/KG	23200	22600	13200	16900	20100
antimony	SW6010B	MG/KG	0.36 UJ	0.96 J	0.42 J	0.61 J	0.78 J
arsenic	SW6010B	MG/KG	6.4 J	14.5	5.6	9.3	9.1
barium	SW6010B	MG/KG	204	242	121	418	262
beryllium	SW6010B	MG/KG	0.62	0.65	1	1	0.48
cadmium	SW6010B	MG/KG	0.49 U	0.49 U	0.55 U	0.5 U	0.47 U
calcium	SW6010B	MG/KG	7380	7930	8350	15500	12700
chromium, total	SW6010B	MG/KG	52.7	53.6	37.8	40.9	37.3
cobalt	SW6010B	MG/KG	19.7	20.2	10.3	14.5	24.5
copper	SW6010B	MG/KG	61.7	69.4 J-	32.7 J-	55.6 J-	54.6 J-
iron	SW6010B	MG/KG	43900	44700	22100	32800	39600
lead	SW6010B	MG/KG	10.7 J	10.2 J	10.3 J	10.5 J	10.1 J
magnesium	SW6010B	MG/KG	9480	10300	8150	7860	9760
manganese	SW6010B	MG/KG	886	811	364	543	2150
molybdenum	SW6010B	MG/KG	0.57 U	0.57 U	0.84 J	0.58 U	0.54 U
nickel	SW6010B	MG/KG	53.3	56.4	44.7	45.5	64.7
phosphorus, total (as P)	SW6010B	MG/KG	253	356	234	296	342
potassium	SW6010B	MG/KG	1460	1690	923	1160	1170
selenium	SW6010B	MG/KG	0.83 J	0.65 U	0.36 U	0.33 U	0.31 U
silver	SW6010B	MG/KG	0.22 U	0.22 U	0.25 U	0.23 U	0.21 U
sodium	SW6010B	MG/KG	416	302 J	349 J	355 J	491 J
thallium	SW6010B	MG/KG	0.87 U	0.87 U	0.48 U	0.44 U	0.41 U
vanadium	SW6010B	MG/KG	71.3	78.2	33.4	47.6	85.2
zinc	SW6010B	MG/KG	94.9	99.2 J	56.8 J	81.4 J	86 J
mercury	SW7471A	MG/KG	0.2	0.085	0.055	0.063	0.13

Table 5-21. Analytical Results for Ridge Stockpiles - Soil
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	Location ID		RSP1	RSP2	RSP2A	RSP3-A	RSP3-B
	Sample Depth		2-2.5	2-2.5	2-2.5	0.1-0.6	2-2.5
	Sample Date		12/06/99	12/04/99	12/04/99	12/04/99	12/04/99
	Lab		Onsite	Onsite	Onsite	Onsite	Onsite
	Sample Type		N	N	FR	N	N
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**					
1,3,5-trinitrobenzene	SW8330	MG/KG	0.65 U	0.47 U	0.47 U	0.48 U	0.48 U
1,3-dinitrobenzene	SW8330	MG/KG	0.65 U	0.47 U	0.47 U	0.48 U	0.48 U
2,4,6-trinitrotoluene	SW8330	MG/KG	0.65 U	0.47 U	0.47 U	0.48 U	0.48 U
2,4-dinitrotoluene	SW8330	MG/KG	0.65 U	0.47 U	0.47 U	0.48 U	0.48 U
2,6-dinitrotoluene	SW8330	MG/KG	0.65 U	0.47 U	0.47 U	0.48 U	0.48 U
2-nitrotoluene	SW8330	MG/KG	0.65 U	0.47 U	0.47 U	0.48 U	0.48 U
3-nitrotoluene	SW8330	MG/KG	0.65 U	0.47 U	0.47 U	0.48 U	0.48 U
4-nitrotoluene	SW8330	MG/KG	0.65 U	0.47 U	0.47 U	0.48 U	0.48 U
amino-dnts	SW8330	MG/KG	1.3 U	0.94 U	0.94 U	0.97 U	0.96 U
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	MG/KG	0.65 U	0.47 U	0.47 U	0.48 U	0.48 U
nitrobenzene	SW8330	MG/KG	0.65 U	0.47 U	0.47 U	0.48 U	0.48 U
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	MG/KG	0.65 U	0.47 U	0.47 U	0.48 U	0.48 U
tetryl	SW8330	MG/KG	0.65 U	0.47 U	0.47 U	0.48 U	0.48 U

Table 5-21. Analytical Results for Ridge Stockpiles - Soil
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	Location ID		RSP3-C	RSP3-D	RSP4-A	RSP4-B	RSP4-C
	Sample Depth		2-2.5	2-2.5	2-2.5	2-2.5	2-2.5
	Sample Date		12/04/99	12/04/99	12/04/99	12/04/99	12/04/99
	Lab		Onsite	Onsite	Onsite	Onsite	Onsite
	Sample Type		N	N	N	N	N
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**					
1,3,5-trinitrobenzene	SW8330	MG/KG	0.48 U	0.48 U	0.46 U	0.45 U	0.48 U
1,3-dinitrobenzene	SW8330	MG/KG	0.48 U	0.48 U	0.46 U	0.45 U	0.48 U
2,4,6-trinitrotoluene	SW8330	MG/KG	0.48 U	0.48 U	0.46 U	0.45 U	0.48 U
2,4-dinitrotoluene	SW8330	MG/KG	0.48 U	0.48 U	0.46 U	0.45 U	0.48 U
2,6-dinitrotoluene	SW8330	MG/KG	0.48 U	0.48 U	0.46 U	0.45 U	0.48 U
2-nitrotoluene	SW8330	MG/KG	0.48 U	0.48 U	0.46 U	0.45 U	0.48 U
3-nitrotoluene	SW8330	MG/KG	0.48 U	0.48 U	0.46 U	0.45 U	0.48 U
4-nitrotoluene	SW8330	MG/KG	0.48 U	0.48 U	0.46 U	0.45 U	0.48 U
amino-dnts	SW8330	MG/KG	0.96 U	0.96 U	0.91 U	0.89 U	0.96 U
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	MG/KG	0.48 U	0.48 U	0.46 U	0.45 U	0.48 U
nitrobenzene	SW8330	MG/KG	0.48 U	0.48 U	0.46 U	0.45 U	0.48 U
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	MG/KG	0.48 U	0.48 U	0.46 U	0.45 U	0.48 U
tetryl	SW8330	MG/KG	0.48 U	0.48 U	0.46 U	0.45 U	0.48 U

Table 5-21. Analytical Results for Ridge Stockpiles - Soil
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	Location ID		RSP4-D	RSP5	RSP6	RSP7	RSP8	RSP9
	Sample Depth		2-2.5	2-2.5	2-2.5	2-2.5	2-2.5	2-2.5
	Sample Date		12/04/99	12/07/99	12/06/99	12/06/99	12/06/99	12/06/99
	Lab		Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
	Sample Type		N	N	N	N	N	N
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**						
1,3,5-trinitrobenzene	SW8330	MG/KG	0.45 U	0.48 U	0.47 U	0.51 U	0.49 U	0.48 U
1,3-dinitrobenzene	SW8330	MG/KG	0.45 U	0.48 U	0.47 U	0.51 U	0.49 U	0.48 U
2,4,6-trinitrotoluene	SW8330	MG/KG	0.45 U	0.48 U	0.47 U	0.51 U	0.49 U	0.48 U
2,4-dinitrotoluene	SW8330	MG/KG	0.45 U	0.48 U	0.47 U	0.51 U	0.49 U	0.48 U
2,6-dinitrotoluene	SW8330	MG/KG	0.45 U	0.48 U	0.47 U	0.51 U	0.49 U	0.48 U
2-nitrotoluene	SW8330	MG/KG	0.45 U	0.48 U	0.47 U	0.51 U	0.49 U	0.48 U
3-nitrotoluene	SW8330	MG/KG	0.45 U	0.48 U	0.47 U	0.51 U	0.49 U	0.48 U
4-nitrotoluene	SW8330	MG/KG	0.45 U	0.48 U	0.47 U	0.51 U	0.49 U	0.48 U
amino-dnts	SW8330	MG/KG	0.91 U	0.97 U	0.93 U	1 U	0.97 U	0.96 U
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	MG/KG	0.45 U	0.48 U	0.47 U	0.51 U	0.49 U	0.48 U
nitrobenzene	SW8330	MG/KG	0.45 U	0.48 U	0.47 U	0.51 U	0.49 U	0.48 U
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	MG/KG	0.45 U	0.48 U	0.47 U	0.51 U	0.49 U	0.48 U
tetryl	SW8330	MG/KG	0.45 U	0.48 UJ	0.47 U	0.51 U	0.49 U	0.48 U

Table 5-21. Analytical Results for Ridge Stockpiles - Soil
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	Location ID		RSP1	RSP2	RSP2A	RSP3-A	RSP3-B
	Sample Depth		2-2.5	2-2.5	2-2.5	0.1-0.6	2-2.5
	Sample Date		12/06/99	12/04/99	12/04/99	12/04/99	12/04/99
	Lab		Onsite	Onsite	Onsite	Onsite	Onsite
	Sample Type		N	N	FR	N	N
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**					
motor oils	M8015	MG/KG	17 J-	7.7 J	12	12 UJ	11 UJ
tph as diesel (c10-c28)	M8015	MG/KG	7.7 J-	1.1 U	1.1 U	1.2 UJ	1.1 UJ

Table 5-21. Analytical Results for Ridge Stockpiles - Soil
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	Location ID		RSP3-C	RSP3-D	RSP4-A	RSP4-B	RSP4-C	RSP4-D
	Sample Depth		2-2.5	2-2.5	2-2.5	2-2.5	2-2.5	2-2.5
	Sample Date		12/04/99	12/04/99	12/04/99	12/04/99	12/04/99	12/04/99
	Lab		Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
	Sample Type		N	N	N	N	N	N
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**						
motor oils	M8015	MG/KG	11 UJ	11 J	11 UJ	11 U	11 UJ	11 UJ
tph as diesel (c10-c28)	M8015	MG/KG	1.1 UJ	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	1.1 UJ

Table 5-21. Analytical Results for Ridge Stockpiles - Soil
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	Location ID		RSP5	RSP6	RSP7	RSP8	RSP9
	Sample Depth		2-2.5	2-2.5	2-2.5	2-2.5	2-2.5
	Sample Date		12/07/99	12/06/99	12/06/99	12/06/99	12/06/99
	Lab		Onsite	Onsite	Onsite	Onsite	Onsite
	Sample Type		N	N	N	N	N
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**					
motor oils	M8015	MG/KG	53 J-	9.6 J	16	12 UJ	44 J
tph as diesel (c10-c28)	M8015	MG/KG	4.6 UJ	1.1 U	1.2 U	1.2 UJ	1.1 U

Table 5-22. Analytical Results for McAllister Drive Land Bridge - Soil
(Page 1 of 4)

	Location ID		**LB-3A/4.5**
	Sample Depth		**4.5-5**
	Sample Date		**12/18/99**
	Lab		**Quanterra**
	Sample Type		**N**
	Event		**REMEDIAL**
Analyte	**Method**	**Units**	
aluminum	SW6010B	MG/KG	24100
antimony	SW6010B	MG/KG	0.52 J
arsenic	SW6010B	MG/KG	11.8
barium	SW6010B	MG/KG	185
beryllium	SW6010B	MG/KG	0.53
cadmium	SW6010B	MG/KG	0.51 U
calcium	SW6010B	MG/KG	3810
chromium, total	SW6010B	MG/KG	62.3 J+
cobalt	SW6010B	MG/KG	27.1
copper	SW6010B	MG/KG	63.6
iron	SW6010B	MG/KG	43200
lead	SW6010B	MG/KG	9.3 UJ
magnesium	SW6010B	MG/KG	11100
manganese	SW6010B	MG/KG	816
molybdenum	SW6010B	MG/KG	0.59 U
nickel	SW6010B	MG/KG	73.2
phosphorus, total (as P)	SW6010B	MG/KG	233
potassium	SW6010B	MG/KG	1720
selenium	SW6010B	MG/KG	1.2 J
silver	SW6010B	MG/KG	0.23 U
sodium	SW6010B	MG/KG	274 J
thallium	SW6010B	MG/KG	0.45 U
vanadium	SW6010B	MG/KG	66.7 J+
zinc	SW6010B	MG/KG	102
mercury	SW7471A	MG/KG	0.056 UJ

Table 5-22. Analytical Results for McAllister Drive Land Bridge - Soil
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	Location ID		**LB-2/14.5**
	Sample Depth		**14.5-15**
	Sample Date		**12/14/99**
	Lab		**Onsite**
	Sample Type		**N**
	Event		**REMEDIAL**
Analyte	**Method**	**Units**	
1,3,5-trinitrobenzene	SW8330	MG/KG	0.51 U
1,3-dinitrobenzene	SW8330	MG/KG	0.51 U
2,4,6-trinitrotoluene	SW8330	MG/KG	0.51 U
2,4-dinitrotoluene	SW8330	MG/KG	0.51 U
2,6-dinitrotoluene	SW8330	MG/KG	0.51 U
2-nitrotoluene	SW8330	MG/KG	0.51 U
3-nitrotoluene	SW8330	MG/KG	0.51 U
4-nitrotoluene	SW8330	MG/KG	0.51 U
amino-dnts	SW8330	MG/KG	1 U
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	MG/KG	0.51 U
nitrobenzene	SW8330	MG/KG	0.51 U
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	MG/KG	0.51 U
tetryl	SW8330	MG/KG	0.51 U

Table 5-22. Analytical Results for McAllister Drive Land Bridge - Soil
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	Location ID		LB-1/4.5	LB-1A/4.5	LB-2/14.5	LB-2A/15	LB-3/4.5	LB-3A/4.5
	Sample Depth		4.5-5	4.5-5	14.5-15	15-15.5	4.5-5	4.5-5
	Sample Date		12/18/99	12/18/99	12/14/99	12/14/99	12/18/99	12/18/99
	Lab		Onsite	Quanterra	Onsite	Quanterra	Onsite	Quanterra
	Sample Type		N	N	N	N	N	N
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**						
nitrogen, nitrite (as N)	E300-NO2N	MG/KG		0.039 U		0.04 U		0.29 UR
nitrogen, nitrate (as N)	E300-NO3N	MG/KG		0.61		0.029 U		1.1 J-
nitroglycerin	SW8330M	MG/KG	0.62 U		0.63 U		0.62 U	
pentaerythritol tetranitrate	SW8330M	MG/KG	0.62 U		0.63 U		0.62 U	

Table 5-22. Analytical Results for McAllister Drive Land Bridge - Soil
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	Location ID		LB-4/4.5	LB-4A/4.5	LB-5/4.5	LB-5A/4.5	LB-6/4.5	LB-6A/4.5
	Sample Depth		4.5-5	4.5-5	4.5-5	4.5-5	4.5-5	4.5-5
	Sample Date		12/21/99	12/21/99	12/21/99	12/21/99	12/21/99	12/21/99
	Lab		Onsite	Quanterra	Onsite	Quanterra	Onsite	Quanterra
	Sample Type		N	N	N	N	N	N
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**						
nitrogen, nitrite (as N)	E300-NO2N	MG/KG		0.038 U		0.042 U		0.041 U
nitrogen, nitrate (as N)	E300-NO3N	MG/KG		0.44 J		1.2		1.1 J
nitroglycerin	SW8330M	MG/KG	0.57 UJ		0.61 UJ		0.61 UJ	
pentaerythritol tetranitrate	SW8330M	MG/KG	0.57 UJ		0.61 UJ		0.61 UJ	

Table 5-23. Analytical Results for Ambient Metals - Soil
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	Location ID		17	27	38	44	50	68	89
	Sample Depth		0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
	Sample Date		12/22/99	12/22/99	12/22/99	12/22/99	12/17/99	12/17/99	12/17/99
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		N	N	N	N	N	N	N
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**							
aluminum	SW6010B	MG/KG	23600	16500	21000	21500	24100	20800	17900
antimony	SW6010B	MG/KG	0.99 J	0.95 J	1.3 J	1.1 J	1.4 J	0.99 J	1.5 J
arsenic	SW6010B	MG/KG	13.1 J	13.5 J	16.8 J	14.1 J	15.1 J	9.9 J	14.9 J
barium	SW6010B	MG/KG	394	223	346	237	324	198	183
beryllium	SW6010B	MG/KG	0.6	0.34 J	0.47 J	0.56	0.66	0.5	0.53
cadmium	SW6010B	MG/KG	0.54 U	0.55 U	0.55 U	0.5 J	0.68 J	0.51 U	1.1 J
calcium	SW6010B	MG/KG	3110	3590	3950	4940	3120	5120	2290
chromium, total	SW6010B	MG/KG	49 J+	30.1 J+	44.1 J+	47.8 J+	51.2 J+	40.9 J+	40.6 J+
cobalt	SW6010B	MG/KG	20.1	12	17.7	18.1	21.9	14.7	16.4
copper	SW6010B	MG/KG	53.6	31.9	35.9	52.9	62	46	44
iron	SW6010B	MG/KG	41600	31300	42300	38800	39400	34200	29400
lead	SW6010B	MG/KG	21 J	23.6 J	17 J	16.1 J	31.5 J	20.4 J	67.8
magnesium	SW6010B	MG/KG	6100	3570	4250	7480	6100	7270	3980
manganese	SW6010B	MG/KG	1090	739	1260	850	1390	699	1330
molybdenum	SW6010B	MG/KG	0.83 UJ	0.94 UJ	0.7 UJ	0.57 U	0.73 UJ	0.69 UJ	0.65 U
nickel	SW6010B	MG/KG	45.2	21.7	29.1	47.7	49	35.5	38.3
phosphorus, total (as P)	SW6010B	MG/KG	292	458	434	319	308	301	365
potassium	SW6010B	MG/KG	2870	2330	2780	2250	3020	2950	2090
selenium	SW6010B	MG/KG	0.36 U	0.36 U	0.36 U	0.32 U	0.36 U	0.34 U	0.37 U
silver	SW6010B	MG/KG	0.25 U	0.25 UJ	0.25 U	0.22 U	0.25 U	0.23 U	0.25 U
sodium	SW6010B	MG/KG	95.3 J	109 J	93.9 J	162 J	109 J	169 J	109 J
thallium	SW6010B	MG/KG	0.48 U	0.48 U	0.49 U	0.44 U	0.48 U	0.46 U	0.5 U
vanadium	SW6010B	MG/KG	88.6	78.8	113	74	82.3	75.3	67
zinc	SW6010B	MG/KG	79.9	63	68.3	84.9	89.2	70.2	76.1
mercury	SW7471A	MG/KG	0.048 J	0.075	0.062	0.038 J	0.11	0.037 J	0.17

Table 5-23. Analytical Results for Ambient Metals - Soil
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	Location ID		99	100	118	129	132	146	170
	Sample Depth		0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
	Sample Date		12/22/99	12/22/99	12/16/99	12/16/99	12/16/99	12/16/99	12/17/99
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		N	N	N	N	N	N	N
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**							
aluminum	SW6010B	MG/KG	27300	22300	27400	25700	22000	19500	21200
antimony	SW6010B	MG/KG	1.7 J	1.9 J	1.6 J	2.2 J	2.3 J	2.4 J	1.3 J
arsenic	SW6010B	MG/KG	18.5 J	16.3 J	14.5 J	18.2 J	16.4 J	17.4 J	15.4 J
barium	SW6010B	MG/KG	287	279	290	482	260	206	213
beryllium	SW6010B	MG/KG	0.82	0.72	0.71	0.69	0.58	0.43 J	0.56
cadmium	SW6010B	MG/KG	0.83 J	1 J	0.61 U	1.4	1.4	1.3	0.5 U
calcium	SW6010B	MG/KG	2570	2640	3340	3710	3030	3200	3220
chromium, total	SW6010B	MG/KG	61.5 J+	49 J+	57.4 J+	63 J+	42.7 J+	40.1 J+	42.6 J+
cobalt	SW6010B	MG/KG	21.3	20.8	23.3	23.1	20.3	12.4	15.7
copper	SW6010B	MG/KG	71.7	56.4	70.1	72.1	56.9	52.1	48
iron	SW6010B	MG/KG	42200	34300	40300	43900	35900	32200	39700
lead	SW6010B	MG/KG	36.4 J	65.7 J	34 J	52.8 J	74.8 J	69.6 J	30.5 J
magnesium	SW6010B	MG/KG	7390	6020	7030	6830	5160	4880	4760
manganese	SW6010B	MG/KG	1540	1730	1310	1640	1280	699	773
molybdenum	SW6010B	MG/KG	0.92 UJ	0.85 UJ	0.71 U	0.82 UJ	0.66 U	1 UJ	1.3 UJ
nickel	SW6010B	MG/KG	64.1	52.2	55.8	64.8	42.3	35.8	32.7
phosphorus, total (as P)	SW6010B	MG/KG	286	355	341	460	401	434	261
potassium	SW6010B	MG/KG	3250	3160	3910	4550	2800	2970	2160
selenium	SW6010B	MG/KG	0.37 U	0.38 U	0.4 U	0.36 U	0.38 U	0.38 U	0.33 U
silver	SW6010B	MG/KG	0.25 U	0.27 U	0.28 U	0.25 U	0.26 U	0.26 U	0.23 U
sodium	SW6010B	MG/KG	99.4 J	116 J	122 J	92.4 J	87.5 J	98.2 J	108 J
thallium	SW6010B	MG/KG	0.5 U	0.52 U	0.54 U	0.48 U	0.5 U	0.51 U	0.45 U
vanadium	SW6010B	MG/KG	83.6	70.5	80.8	87.7	77.7	70.4	90.5
zinc	SW6010B	MG/KG	103	105	91.3	123	103	103	77
mercury	SW7471A	MG/KG	0.21	0.18	0.09	0.2	0.26	0.27	0.081

Table 5-23. Analytical Results for Ambient Metals - Soil
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	Location ID		173	179	184	210	238	241
	Sample Depth		0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
	Sample Date		12/17/99	12/16/99	12/17/99	12/22/99	12/22/99	12/22/99
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		N	N	N	N	N	N
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**						
aluminum	SW6010B	MG/KG	30100	26600	25500	19600	26000	24200
antimony	SW6010B	MG/KG	0.31 J	1.5 J	1.3 J	1.5 J	1.2 J	1.2 J
arsenic	SW6010B	MG/KG	17.8 J	17.9 J	14 J	16.4 J	16.3 J	13.4 J
barium	SW6010B	MG/KG	446	335	371	276	405	327
beryllium	SW6010B	MG/KG	0.86	0.82	0.64	0.52	0.69	0.53
cadmium	SW6010B	MG/KG	0.78 J	1.2 J	0.54 U	0.97 J	0.53 U	0.52 U
calcium	SW6010B	MG/KG	3850	3270	3880	3860	5640	5930
chromium, total	SW6010B	MG/KG	63.8 J+	59.5 J+	47.1 J+	41.5 J+	54.1 J+	48.6 J+
cobalt	SW6010B	MG/KG	21	22.3	17.4	16.9	19.3	19
copper	SW6010B	MG/KG	70.1	68.5	54	49.2	60.2	56.4
iron	SW6010B	MG/KG	43700	40900	36300	37500	43800	41800
lead	SW6010B	MG/KG	43.1 J	49.6 J	31.1 J	51.2 J	22 J	14.8 J
magnesium	SW6010B	MG/KG	7110	6250	5080	5180	6210	6880
manganese	SW6010B	MG/KG	1320	1630	1160	1090	1050	952
molybdenum	SW6010B	MG/KG	0.67 U	0.75 UJ	0.73 UJ	0.86 UJ	0.78 UJ	0.78 UJ
nickel	SW6010B	MG/KG	67.9	53.6	44.7	38.4	52	51
phosphorus, total (as P)	SW6010B	MG/KG	297	260	249	318	280	428
potassium	SW6010B	MG/KG	2940	3380	2280	2850	3110	3310
selenium	SW6010B	MG/KG	0.89 J	0.44 J	0.35 U	0.34 U	0.45 J	0.35 U
silver	SW6010B	MG/KG	0.26 U	0.25 U	0.24 U	0.23 U	0.24 U	0.24 U
sodium	SW6010B	MG/KG	113 J	112 J	161 J	85.9 J	121 J	168 J
thallium	SW6010B	MG/KG	0.51 U	0.5 U	0.48 U	0.45 U	0.47 U	0.46 U
vanadium	SW6010B	MG/KG	93.2	84	85.2	85.8	95.5	79.9
zinc	SW6010B	MG/KG	96.1	102	75.2	93.3	86.8	89.8
mercury	SW7471A	MG/KG	0.12	0.16	0.1	0.17	0.057	0.018 J

Table 5-24A. Analytical Results for Performance Evaluation Samples - Soil

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	Location ID		**PE-TCUP-M**
	Sample Depth		**-**
	Sample Date		**11/29/99**
	Lab		**Quanterra**
	Sample Type		**RM**
	Event		**REMEDIAL**
Analyte	**Method**	**Units**	
aluminum	SW6010B	MG/KG	4400
antimony	SW6010B	MG/KG	32.7 J
arsenic	SW6010B	MG/KG	72.2 J
barium	SW6010B	MG/KG	153
beryllium	SW6010B	MG/KG	54.5
cadmium	SW6010B	MG/KG	191
calcium	SW6010B	MG/KG	1810
chromium, total	SW6010B	MG/KG	70.3
cobalt	SW6010B	MG/KG	76.5
copper	SW6010B	MG/KG	90.9
iron	SW6010B	MG/KG	9910
lead	SW6010B	MG/KG	52.3 J
magnesium	SW6010B	MG/KG	1160
manganese	SW6010B	MG/KG	165
molybdenum	SW6010B	MG/KG	73.3
nickel	SW6010B	MG/KG	110
phosphorus, total (as P)	SW6010B	MG/KG	370
potassium	SW6010B	MG/KG	1320
selenium	SW6010B	MG/KG	54.7 J
silver	SW6010B	MG/KG	61.5
sodium	SW6010B	MG/KG	295
thallium	SW6010B	MG/KG	62 J
vanadium	SW6010B	MG/KG	116
zinc	SW6010B	MG/KG	79.9
mercury	SW7471A	MG/KG	0.69

Table 5-24A. Analytical Results for Performance Evaluation Samples - Soil

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	Location ID		**PE-PCB**
	Sample Depth		**-**
	Sample Date		**3/31/00**
	Lab		**Quanterra**
	Sample Type		**RM**
	Event		**GAPS2**
Analyte	**Method**	**Units**	
PCB-1016 (Arochlor 1016)	SW8082	MG/KG	1.7 U
PCB-1221 (Arochlor 1221)	SW8082	MG/KG	3.4 U
PCB-1232 (Arochlor 1232)	SW8082	MG/KG	1.7 U
PCB-1242 (Arochlor 1242)	SW8082	MG/KG	1.7 U
PCB-1248 (Arochlor 1248)	SW8082	MG/KG	1.7 U
PCB-1254 (Arochlor 1254)	SW8082	MG/KG	1.7 U
PCB-1260 (Arochlor 1260)	SW8082	MG/KG	9.9

Table 5-24A. Analytical Results for Performance Evaluation Samples - Soil
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	Location ID		PE-TCUP-VOC
	Sample Depth		-
	Sample Date		11/29/99
	Lab		Onsite
	Sample Type		RM
	Event		REMEDIAL
Analyte	**Method**	**Units**	
1,1,1,2-tetrachloroethane	SW8260B	MG/KG	0.005 U
1,1,1-trichloroethane	SW8260B	MG/KG	0.0286
1,1,2,2-tetrachloroethane	SW8260B	MG/KG	0.0846
1,1,2-trichloroethane	SW8260B	MG/KG	0.005 U
1,1-dichloroethane	SW8260B	MG/KG	0.0881
1,1-dichloroethene	SW8260B	MG/KG	0.005 U
1,1-dichloropropene	SW8260B	MG/KG	0.005 U
1,2,3-trichlorobenzene	SW8260B	MG/KG	0.005 U
1,2,3-trichloropropane	SW8260B	MG/KG	0.005 U
1,2,4-trichlorobenzene	SW8260B	MG/KG	0.005 U
1,2,4-trimethylbenzene	SW8260B	MG/KG	0.005 U
1,2-dibromo-3-chloropropane	SW8260B	MG/KG	0.01 U
1,2-dibromoethane	SW8260B	MG/KG	0.005 U
1,2-dichlorobenzene	SW8260B	MG/KG	0.142
1,2-dichloroethane	SW8260B	MG/KG	0.153
1,2-dichloropropane	SW8260B	MG/KG	0.005 U
1,3,5-trimethylbenzene	SW8260B	MG/KG	0.005 U
1,3-dichlorobenzene	SW8260B	MG/KG	0.0333
1,3-dichloropropane	SW8260B	MG/KG	0.005 U
1,4-dichlorobenzene	SW8260B	MG/KG	0.0555
2,2-dichloropropane	SW8260B	MG/KG	0.005 U
2-butanone	SW8260B	MG/KG	0.02 U
2-chloroethyl vinyl ether	SW8260B	MG/KG	0.005 U
2-chlorotoluene	SW8260B	MG/KG	0.005 U
2-hexanone	SW8260B	MG/KG	0.02 U
4-chlorotoluene	SW8260B	MG/KG	0.005 U
4-methyl-2-pentanone	SW8260B	MG/KG	0.0297
acetone	SW8260B	MG/KG	0.02 UJ
benzene	SW8260B	MG/KG	0.0515

Table 5-24A. Analytical Results for Performance Evaluation Samples - Soil
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	Location ID		PE-TCUP-VOC
	Sample Depth		-
	Sample Date		11/29/99
	Lab		Onsite
	Sample Type		RM
	Event		REMEDIAL
Analyte	**Method**	**Units**	
bromobenzene	SW8260B	MG/KG	0.005 U
bromochloromethane	SW8260B	MG/KG	0.005 U
bromodichloromethane	SW8260B	MG/KG	0.0645
bromoform	SW8260B	MG/KG	0.188
bromomethane	SW8260B	MG/KG	0.01 U
carbon disulfide	SW8260B	MG/KG	0.005 U
carbon tetrachloride	SW8260B	MG/KG	0.0976
chlorobenzene	SW8260B	MG/KG	0.119
chloroethane	SW8260B	MG/KG	0.01 U
chloroform	SW8260B	MG/KG	0.0605
chloromethane	SW8260B	MG/KG	0.01 U
cis-1,2-dichloroethene	SW8260B	MG/KG	0.005 U
cis-1,3-dichloropropene	SW8260B	MG/KG	0.005 U
dibromochloromethane	SW8260B	MG/KG	0.0759
dibromomethane	SW8260B	MG/KG	0.005 U
dichlorodifluoromethane	SW8260B	MG/KG	0.01 U
ethylbenzene	SW8260B	MG/KG	0.0714
Freon 113	SW8260B	MG/KG	0.005 U
hexachlorobutadiene	SW8260B	MG/KG	0.005 U
isopropylbenzene (cumene)	SW8260B	MG/KG	0.005 U
methylene chloride	SW8260B	MG/KG	0.0458 J-
n-butylbenzene	SW8260B	MG/KG	0.005 U
n-propylbenzene	SW8260B	MG/KG	0.005 U
naphthalene	SW8260B	MG/KG	0.01 UJ
p-cymene (p-isopropyltoluene)	SW8260B	MG/KG	0.005 U
sec-butylbenzene	SW8260B	MG/KG	0.005 U
styrene	SW8260B	MG/KG	0.005 U
t-butylbenzene	SW8260B	MG/KG	0.005 U
tert-butyl methyl ether	SW8260B	MG/KG	0.005 U

Table 5-24A. Analytical Results for Performance Evaluation Samples - Soil

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	Location ID		**PE-TCUP-VOC**
	Sample Depth		**-**
	Sample Date		**11/29/99**
	Lab		**Onsite**
	Sample Type		**RM**
	Event		**REMEDIAL**
Analyte	**Method**	**Units**	
tetrachloroethene (PCE)	SW8260B	MG/KG	0.0634
toluene	SW8260B	MG/KG	0.239
trans-1,2-dichloroethene	SW8260B	MG/KG	0.005 U
trans-1,3-dichloropropene	SW8260B	MG/KG	0.005 U
trichloroethene (TCE)	SW8260B	MG/KG	0.147
trichlorofluoromethane	SW8260B	MG/KG	0.01 U
vinyl acetate	SW8260B	MG/KG	0.01 UJ
vinyl chloride	SW8260B	MG/KG	0.01 U
xylene (m,p)	SW8260B	MG/KG	0.104
xylene (o)	SW8260B	MG/KG	0.0295

Table 5-24A. Analytical Results for Performance Evaluation Samples - Soil
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	Location ID		PE-TCUP-PAH	PE-8310-S
	Sample Depth		-	-
	Sample Date		11/29/99	5/30/00
	Lab		Onsite	Quanterra
	Sample Type		RM	RM
	Event		REMEDIAL	RAW
Analyte	**Method**	**Units**		
acenaphthene	SW8310	MG/KG	1.7	1.8
acenapthylene	SW8310	MG/KG	0.46 U	0.2 U
anthracene	SW8310	MG/KG	0.16 U	0.004 J
benzo(a)anthracene	SW8310	MG/KG	0.023 U	0.01 J
benzo(a)pyrene	SW8310	MG/KG	0.023 U	0.015
benzo(b)fluoranthene	SW8310	MG/KG	0.25	0.2
benzo(g,h,i)perylene	SW8310	MG/KG	0.023 U	0.016 U
benzo(k)fluoranthene	SW8310	MG/KG	0.023 U	0.004 U
chrysene	SW8310	MG/KG	0.2	0.15
dibenz(a,h)anthracene	SW8310	MG/KG	0.046 U	0.04 U
fluoranthene	SW8310	MG/KG	0.057 U	0.014 J
fluorene	SW8310	MG/KG	0.69	0.67
indeno(1,2,3-c,d)pyrene	SW8310	MG/KG	0.046 U	0.017 J
naphthalene	SW8310	MG/KG	0.84	0.9
phenanthrene	SW8310	MG/KG	1.6	1.4
pyrene	SW8310	MG/KG	0.42	0.32

Table 5-24A. Analytical Results for Performance Evaluation Samples - Soil
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	Location ID		PE-TCUP-XP	PE-8330-S-2
	Sample Depth		-	-
	Sample Date		12/07/99	5/30/00
	Lab		Onsite	Quanterra
	Sample Type		RM	RM
	Event		REMEDIAL	RAW
Analyte	**Method**	**Units**		
1,3,5-trinitrobenzene	SW8330	MG/KG	0.42 U	4 U
1,3-dinitrobenzene	SW8330	MG/KG	0.42 U	5.2
2,4,6-trinitrotoluene	SW8330	MG/KG	8.3	10
2,4-dinitrotoluene	SW8330	MG/KG	4.2	4.9
2,6-dinitrotoluene	SW8330	MG/KG	3.2	5.3
2-amino-4,6-dinitrotoluene	SW8330	MG/KG		3.3 J
2-nitrotoluene	SW8330	MG/KG	0.42 U	15
3-nitrotoluene	SW8330	MG/KG	0.42 U	11
4-amino-2,6-dinitrotoluene	SW8330	MG/KG		4 U
4-nitrotoluene	SW8330	MG/KG	0.42 U	4 U
amino-dnts	SW8330	MG/KG	0.84 U	
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	MG/KG	8.1	15
nitrobenzene	SW8330	MG/KG	3.9	13
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	MG/KG	0.42 U	4 U
tetryl	SW8330	MG/KG	0.42 U	4 U

Table 5-24A. Analytical Results for Performance Evaluation Samples - Soil
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	Location ID		PE-TCUP-DSL	PE-TCUP-TOC	PE-MO	PE-8330-S-2
	Sample Depth		-	-	-	-
	Sample Date		11/29/99	11/29/99	3/31/00	5/30/00
	Lab		Onsite	Quanterra	Quanterra	Quanterra
	Sample Type		RM	RM	RM	RM
	Event		REMEDIAL	REMEDIAL	GAPS2	RAW
Analyte	**Method**	**Units**				
tph as diesel (c10-c28)	M8015B	MG/KG	742			
diesel fuel #2	M8015B	MG/KG			50 U	
motor oils	M8015B	MG/KG			1400	
unknown extract. hydrocarbon	M8015B	MG/KG			50 U	
nitroglycerin	SW8330M	MG/KG				10 U
pentaerythritol tetranitrate	SW8330M	MG/KG				10 U
total organic carbon	SW9060	MG/KG		4470 J-		

Table 5-24B. Analytical Results for Performance Evaluation Samples - Water
(Page 1 of 5)

	Location ID		**WV-S1**
	Sample Depth		**-**
	Sample Date		**3/30/00**
	Lab		**Quanterra**
	Sample Type		**RM**
	Event		**GAPS2**
Analyte	**Method**	**Units**	
aluminum	SW6010B	MG/L	2.8
antimony	SW6010B	MG/L	0.14
arsenic	SW6010B	MG/L	0.15
barium	SW6010B	MG/L	0.76
beryllium	SW6010B	MG/L	0.12
cadmium	SW6010B	MG/L	0.38
calcium	SW6010B	MG/L	0.039 J
chromium, total	SW6010B	MG/L	1
cobalt	SW6010B	MG/L	0.094
copper	SW6010B	MG/L	0.069
iron	SW6010B	MG/L	1.3
lead	SW6010B	MG/L	0.7
magnesium	SW6010B	MG/L	0.025 U
manganese	SW6010B	MG/L	1.9
molybdenum	SW6010B	MG/L	0.2
nickel	SW6010B	MG/L	0.14
phosphorus, total (as P)	SW6010B	MG/L	0.12 U
potassium	SW6010B	MG/L	0.6 U
selenium	SW6010B	MG/L	0.49
silver	SW6010B	MG/L	0.22
sodium	SW6010B	MG/L	0.11 J
thallium	SW6010B	MG/L	0.53
vanadium	SW6010B	MG/L	1.6
zinc	SW6010B	MG/L	0.71
mercury	SW7470A	MG/L	0.0074

Table 5-24B. Analytical Results for Performance Evaluation Samples - Water

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	Location ID		**WV-S1**
	Sample Depth		**-**
	Sample Date		**3/30/00**
	Lab		**Quanterra**
	Sample Type		**RM**
	Event		**GAPS2**
Analyte	**Method**	**Units**	
aldrin	SW8081A	UG/L	2.4
alpha BHC	SW8081A	UG/L	4.4
alpha endosulfan	SW8081A	UG/L	1 U
alpha-chlordane	SW8081A	UG/L	7.2
beta BHC	SW8081A	UG/L	1.8
beta endosulfan	SW8081A	UG/L	2 U
delta BHC	SW8081A	UG/L	5.8
dieldrin	SW8081A	UG/L	2.1
endosulfan sulfate	SW8081A	UG/L	2 U
endrin	SW8081A	UG/L	9.8
endrin aldehyde	SW8081A	UG/L	0.55 J
endrin ketone	SW8081A	UG/L	0.56 J
gamma BHC (lindane)	SW8081A	UG/L	0.069 J
gamma-chlordane	SW8081A	UG/L	1 U
heptachlor	SW8081A	UG/L	0.84 J
heptachlor epoxide	SW8081A	UG/L	0.75 J
methoxychlor	SW8081A	UG/L	40 U
p,p'-DDD	SW8081A	UG/L	6.8
p,p'-DDE	SW8081A	UG/L	3.7
p,p'-DDT	SW8081A	UG/L	6.7
toxaphene	SW8081A	UG/L	40 U

Table 5-24B. Analytical Results for Performance Evaluation Samples - Water

(Page 3 of 5)

	Location ID		WV-S2A	WV-S-6
	Sample Depth		-	-
	Sample Date		3/30/00	5/30/00
	Lab		Quanterra	Quanterra
	Sample Type		RM	RM
	Event		GAPS2	RAW
Analyte	**Method**	**Units**		
acenaphthene	SW8310	UG/L	40 U	2 UJ
acenapthylene	SW8310	UG/L	40 U	2 UJ
anthracene	SW8310	UG/L	11 J-	0.1 UJ
benzo(a)anthracene	SW8310	UG/L	2 U	0.1 UJ
benzo(a)pyrene	SW8310	UG/L	2 U	10 J
benzo(b)fluoranthene	SW8310	UG/L	4.7 J+	0.25 J
benzo(g,h,i)perylene	SW8310	UG/L	4 U	0.2 UJ
benzo(k)fluoranthene	SW8310	UG/L	2 U	2.7 J
chrysene	SW8310	UG/L	2.4	0.1 UJ
dibenz(a,h)anthracene	SW8310	UG/L	4 U	4.4 J
fluoranthene	SW8310	UG/L	4 U	0.2 UJ
fluorene	SW8310	UG/L	4 U	9.3 J
indeno(1,2,3-c,d)pyrene	SW8310	UG/L	4.9	0.2 UJ
naphthalene	SW8310	UG/L	20 UJ	5.8 J
phenanthrene	SW8310	UG/L	14	0.1 UJ
pyrene	SW8310	UG/L	4 U	3.8 J

Table 5-24B. Analytical Results for Performance Evaluation Samples - Water
(Page 4 of 5)

		Location ID	WV-S3	WV-S-7
		Sample Depth	-	-
		Sample Date	3/30/00	5/30/00
		Lab	Quanterra	Quanterra
		Sample Type	RM	RM
		Event	GAPS2	RAW
Analyte	**Method**	**Units**		
1,3,5-trinitrobenzene	SW8330	UG/L	5 U	0.8 J
1,3-dinitrobenzene	SW8330	UG/L	3.3 J	8.3
2,4,6-trinitrotoluene	SW8330	UG/L	0.76 J	5 U
2,4-dinitrotoluene	SW8330	UG/L	7.2	0.81 J
2,6-dinitrotoluene	SW8330	UG/L	11	0.61 J
2-amino-4,6-dinitrotoluene	SW8330	UG/L	10	8.8
2-nitrotoluene	SW8330	UG/L	9.9	8.8
3-nitrotoluene	SW8330	UG/L	8.6	8.9 J
4-amino-2,6-dinitrotoluene	SW8330	UG/L	8.1	8.9
4-nitrotoluene	SW8330	UG/L	4.1 J	8.8 J
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	UG/L	5 U	9.1
nitrobenzene	SW8330	UG/L	12	8.2
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	UG/L	0.88 J	14
tetryl	SW8330	UG/L	1.2 J	18

Table 5-24B. Analytical Results for Performance Evaluation Samples - Water
(Page 5 of 5)

	Location ID		PE-TCUP-G	WV-S2	WV-S3A	WV-S4	EV-1	ERA BLANK	PE	WV-S-7
	Sample Depth		-	-	-	-	-	-	-	-
	Sample Date		11/29/99	3/30/00	3/30/00	3/30/00	3/31/00	4/20/00	4/20/00	5/30/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Truesdail	Truesdail	Quanterra
	Sample Type		RM	RM	RM	RM	RM	RM	RM	RM
	Event		REMEDIAL	GAPS2	GAPS2	GAPS2	GAPS2	GAPS2	GAPS2	RAW
Analyte	**Method**	**Units**								
total dissolved solids	E160.1	MG/L	247				679			
suspended solids	E160.2	MG/L					67			
chloride (as Cl)	E300-CL	MG/L	7.8				299			
nitrogen, nitrite (as N)	E300-NO2N	MG/L	0.007 UJ				1			
nitrogen, nitrate (as N)	E300-NO3N	MG/L	5.2 J-				0.005 U			
sulfate (as SO4)	E300-SO4	MG/L	14.2				0.1 U			
total organic carbon	E415.1	MG/L					0.45 J			
diesel fuel #2	M8015B	UG/L		430						
motor oils	M8015B	UG/L		1000 U						
unknown extract. hydrocarbon	M8015B	UG/L		200 U						
chloropicrin	SW8270	UG/L				22				
1,1-dimethylhydrazine	SW8315	UG/L						5 U	45.3	
hydrazine	SW8315	UG/L						1 U	15.9	
methyl hydrazine	SW8315	UG/L						5 U	43.8	
nitroglycerin	SW8330M	UG/L			25 U					25 U
pentaerythritol tetranitrate	SW8330M	UG/L			500 U					50 U

Table 5-24C. Analytical Results for Trip Blanks

	Location ID		TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
			12/6/99A	12/7/99	1208A	1209A	1211A	12/11/99B
	Sample Depth		-	-	-	-	-	-
	Sample Date		12/7/99	12/7/99	12/9/99	12/9/99	12/11/99	12/14/99
	Lab		Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
	Sample Type		TB	TB	TB	TB	TB	TB
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**						
1,1,1,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1-dichloroethane	SW8260B	UG/L	3 U	3 U	3 U	3 U	3 U	3 U
1,1-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-trichloropropane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2,4-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dibromo-3-chloropropane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2-dibromoethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,3-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,3-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,4-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
2,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
2-butanone	SW8260B	UG/L	10 U	10 U	10 U	10 U	10 U	10 UJ
2-chloroethyl vinyl ether	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
2-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
2-hexanone	SW8260B	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
4-methyl-2-pentanone	SW8260B	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
acetone	SW8260B	UG/L	10 U	10 U	10 U	10 U	10 U	10 UR

Table 5-24C. Analytical Results for Trip Blanks

	Location ID		TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
			12/6/99A	12/7/99	1208A	1209A	1211A	12/11/99B
	Sample Depth		-	-	-	-	-	-
	Sample Date		12/7/99	12/7/99	12/9/99	12/9/99	12/11/99	12/14/99
	Lab		Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
	Sample Type		TB	TB	TB	TB	TB	TB
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**						
benzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromodichloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromoform	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromomethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
carbon disulfide	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
carbon tetrachloride	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
chlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
chloroethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
chloroform	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
chloromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
cis-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
dibromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
dibromomethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
dichlorodifluoromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
ethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
ethylene dibromide	SW8260B	UG/L						
Freon 113	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
hexachlorobutadiene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
isopropylbenzene (cumene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
methylene chloride	SW8260B	UG/L	2 UJ	2 UJ	2 UJ	2 UJ	2.3 UJ	2.3 J-
n-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
n-propylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
naphthalene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
p-cymene (p-isopropyltoluene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
sec-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24C. Analytical Results for Trip Blanks
(Page 3 of 27)

	Location ID		TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
			12/6/99A	12/7/99	1208A	1209A	1211A	12/11/99B
	Sample Depth		-	-	-	-	-	-
	Sample Date		12/7/99	12/7/99	12/9/99	12/9/99	12/11/99	12/14/99
	Lab		Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
	Sample Type		TB	TB	TB	TB	TB	TB
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	Method	Units						
styrene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
t-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
tert-butyl methyl ether	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
tetrachloroethene (PCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
toluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trichloroethene (TCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trichlorofluoromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
vinyl acetate	SW8260B	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
vinyl chloride	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
xylene (m,p)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
xylene (o)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TB032900
			122299A	2/22/00	2/23/00	2/24/00	2/25/00	
	Sample Depth		-	-	-	-	-	-
	Sample Date		12/22/99	2/22/00	2/23/00	2/24/00	2/25/00	3/29/00
	Lab		Onsite	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB	TB	TB
	Event		REMEDIAL	GAPS1	GAPS1	GAPS1	GAPS1	GAPS2
Analyte	**Method**	**Units**						
1,1,1,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1-dichloroethane	SW8260B	UG/L	3 U	3 U	3 U	3 U	3 U	3 U
1,1-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-trichloropropane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2,4-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dibromo-3-chloropropane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 UR
1,2-dibromoethane	SW8260B	UG/L	1 U					
1,2-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,3-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,3-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,4-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
2,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
2-butanone	SW8260B	UG/L	10 U	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
2-chloroethyl vinyl ether	SW8260B	UG/L	2 UJ	5 UR	5 UR	5 UR	5 UR	5 UR
2-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
2-hexanone	SW8260B	UG/L	10 U	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
4-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
4-methyl-2-pentanone	SW8260B	UG/L	10 U	10 U	10 U	10 U	10 U	10 UJ
acetone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TB032900
			122299A	2/22/00	2/23/00	2/24/00	2/25/00	
	Sample Depth		-	-	-	-	-	-
	Sample Date		12/22/99	2/22/00	2/23/00	2/24/00	2/25/00	3/29/00
	Lab		Onsite	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB	TB	TB
	Event		REMEDIAL	GAPS1	GAPS1	GAPS1	GAPS1	GAPS2
Analyte	**Method**	**Units**						
benzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromodichloromethane	SW8260B	UG/L	1 U	5.8	6.3	1 U	5.7	1 U
bromoform	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromomethane	SW8260B	UG/L	2 U	2 UJ	2 UJ	2 UJ	2 UJ	2 U
carbon disulfide	SW8260B	UG/L	1 U	2 U	2 U	2 U	2 U	2 U
carbon tetrachloride	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
chlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
chloroethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
chloroform	SW8260B	UG/L	1 U	17	18	1 U	16	1 U
chloromethane	SW8260B	UG/L	2 UJ	2 U	2 U	2 U	2 U	2 U
cis-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
dibromochloromethane	SW8260B	UG/L	1 U	1.6	1.6	1 U	1.5	1 U
dibromomethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
dichlorodifluoromethane	SW8260B	UG/L	2 UJ	2 U	2 U	2 U	2 U	2 U
ethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
ethylene dibromide	SW8260B	UG/L		1 U	1 U	1 U	1 U	1 U
Freon 113	SW8260B	UG/L	1 U	2 U	2 U	2 U	2 U	2 U
hexachlorobutadiene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
isopropylbenzene (cumene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
methylene chloride	SW8260B	UG/L	2 UJ	2 U	2 U	2 U	2 U	2 U
n-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
n-propylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
naphthalene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
p-cymene (p-isopropyltoluene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
sec-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24C. Analytical Results for Trip Blanks
(Page 6 of 27)

	Location ID		TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TB032900
			122299A	2/22/00	2/23/00	2/24/00	2/25/00	
	Sample Depth		-	-	-	-	-	-
	Sample Date		12/22/99	2/22/00	2/23/00	2/24/00	2/25/00	3/29/00
	Lab		Onsite	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB	TB	TB
	Event		REMEDIAL	GAPS1	GAPS1	GAPS1	GAPS1	GAPS2
Analyte	**Method**	**Units**						
styrene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
t-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
tert-butyl methyl ether	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
tetrachloroethene (PCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
toluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trichloroethene (TCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trichlorofluoromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
vinyl acetate	SW8260B	UG/L	5 UJ	10 U	10 U	10 U	10 U	10 UJ
vinyl chloride	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
xylene (m,p)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
xylene (o)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TB032900B	TB033000B	TB033000C	TB033100A	TB033100B	TB040300A
	Sample Depth		-	-	-	-	-	-
	Sample Date		3/29/00	3/30/00	3/30/00	3/31/00	3/31/00	4/03/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB	TB	TB
	Event		GAPS2	GAPS2	GAPS2	GAPS2	GAPS2	GAPS2
Analyte	**Method**	**Units**						
1,1,1,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1-dichloroethane	SW8260B	UG/L	3 U	3 U	3 U	3 U	3 U	3 U
1,1-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-trichloropropane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2,4-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dibromo-3-chloropropane	SW8260B	UG/L	2 UR	2 UR	2 UR	2 UR	2 UR	2 UR
1,2-dibromoethane	SW8260B	UG/L						
1,2-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,3-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,3-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,4-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
2,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
2-butanone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
2-chloroethyl vinyl ether	SW8260B	UG/L	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR
2-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
2-hexanone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
4-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
4-methyl-2-pentanone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
acetone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TB032900B	TB033000B	TB033000C	TB033100A	TB033100B	TB040300A
	Sample Depth		-	-	-	-	-	-
	Sample Date		3/29/00	3/30/00	3/30/00	3/31/00	3/31/00	4/03/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB	TB	TB
	Event		GAPS2	GAPS2	GAPS2	GAPS2	GAPS2	GAPS2
Analyte	**Method**	**Units**						
benzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromodichloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromoform	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromomethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
carbon disulfide	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
carbon tetrachloride	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
chlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
chloroethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
chloroform	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
chloromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
cis-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
dibromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
dibromomethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
dichlorodifluoromethane	SW8260B	UG/L	2 U	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
ethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
ethylene dibromide	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Freon 113	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
hexachlorobutadiene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
isopropylbenzene (cumene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
methylene chloride	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
n-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
n-propylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
naphthalene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
p-cymene (p-isopropyltoluene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
sec-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TB032900B	TB033000B	TB033000C	TB033100A	TB033100B	TB040300A
	Sample Depth		-	-	-	-	-	-
	Sample Date		3/29/00	3/30/00	3/30/00	3/31/00	3/31/00	4/03/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB	TB	TB
	Event		GAPS2	GAPS2	GAPS2	GAPS2	GAPS2	GAPS2
Analyte	**Method**	**Units**						
styrene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
t-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
tert-butyl methyl ether	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
tetrachloroethene (PCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
toluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trichloroethene (TCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trichlorofluoromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
vinyl acetate	SW8260B	UG/L	10 UJ	10 U	10 U	10 U	10 U	10 U
vinyl chloride	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
xylene (m,p)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
xylene (o)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TB040500A	TB040600A	TB040600B	TB040600C	TRIP BLANK	TB4-11-00	TB4-12-00
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		4/05/00	4/06/00	4/06/00	4/06/00	4/07/00	4/11/00	4/12/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB	TB	TB	TB
	Event		GAPS2	GAPS2	GAPS2	GAPS2	GAPS2	GAPS2	GAPS2
Analyte	**Method**	**Units**							
1,1,1,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-dichloroethane	SW8260B	UG/L	3 U	3 U	3 U	3 U	3 U	3 U	3 U
1,1-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-trichloropropane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2,4-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dibromo-3-chloropropane	SW8260B	UG/L	2 U	2 UR	2 UR	2 UR	2 U	2 U	2 U
1,2-dibromoethane	SW8260B	UG/L							
1,2-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-butanone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
2-chloroethyl vinyl ether	SW8260B	UG/L	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR
2-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-hexanone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
4-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-methyl-2-pentanone	SW8260B	UG/L	10 UJ	10 U	10 U	10 U	10 UJ	10 U	10 U
acetone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TB040500A	TB040600A	TB040600B	TB040600C	TRIP BLANK	TB4-11-00	TB4-12-00
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		4/05/00	4/06/00	4/06/00	4/06/00	4/07/00	4/11/00	4/12/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB	TB	TB	TB
	Event		GAPS2	GAPS2	GAPS2	GAPS2	GAPS2	GAPS2	GAPS2
Analyte	Method	Units							
benzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bromobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bromodichloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bromoform	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bromomethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
carbon disulfide	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
carbon tetrachloride	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
chlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
chloroethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
chloroform	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
chloromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
cis-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dibromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dibromomethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dichlorodifluoromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
ethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ethylene dibromide	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Freon 113	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
hexachlorobutadiene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
isopropylbenzene (cumene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
methylene chloride	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
n-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
n-propylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
naphthalene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-cymene (p-isopropyltoluene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
sec-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TB040500A	TB040600A	TB040600B	TB040600C	TRIP BLANK	TB4-11-00	TB4-12-00
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		4/05/00	4/06/00	4/06/00	4/06/00	4/07/00	4/11/00	4/12/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB	TB	TB	TB
	Event		GAPS2	GAPS2	GAPS2	GAPS2	GAPS2	GAPS2	GAPS2
Analyte	**Method**	**Units**							
styrene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
t-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
tert-butyl methyl ether	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
tetrachloroethene (PCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
toluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trichloroethene (TCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trichlorofluoromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
vinyl acetate	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
vinyl chloride	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
xylene (m,p)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
xylene (o)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TB4-13-00	TB04-14-00	TB-04-18-00	TB-04-18-00A	TB04-18-00	TB04-20-00
	Sample Depth		-	-	-	-	-	-
	Sample Date		4/13/00	4/14/00	4/18/00	4/18/00	4/18/00	4/20/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB	TB	TB
	Event		GAPS2	GAPS2	GAPS2	GAPS2	GAPS2	GAPS2
Analyte	Method	Units						
1,1,1,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1-dichloroethane	SW8260B	UG/L	3 U	3 U	3 U	3 U	3 U	3 U
1,1-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-trichloropropane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2,4-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dibromo-3-chloropropane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 UR
1,2-dibromoethane	SW8260B	UG/L						
1,2-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,3-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,3-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,4-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
2,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
2-butanone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
2-chloroethyl vinyl ether	SW8260B	UG/L	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR
2-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
2-hexanone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
4-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
4-methyl-2-pentanone	SW8260B	UG/L	10 U	10 U	10 U	10 U	10 U	10 UJ
acetone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TB4-13-00	TB04-14-00	TB-04-18-00	TB-04-18-00A	TB04-18-00	TB04-20-00
	Sample Depth		-	-	-	-	-	-
	Sample Date		4/13/00	4/14/00	4/18/00	4/18/00	4/18/00	4/20/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB	TB	TB
	Event		GAPS2	GAPS2	GAPS2	GAPS2	GAPS2	GAPS2
Analyte	**Method**	**Units**						
benzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromodichloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromoform	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromomethane	SW8260B	UG/L	2 U	2 U	2 UJ	2 UJ	2 U	2 UJ
carbon disulfide	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
carbon tetrachloride	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
chlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
chloroethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
chloroform	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
chloromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
cis-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
dibromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
dibromomethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
dichlorodifluoromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
ethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
ethylene dibromide	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Freon 113	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
hexachlorobutadiene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
isopropylbenzene (cumene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
methylene chloride	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
n-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
n-propylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
naphthalene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
p-cymene (p-isopropyltoluene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
sec-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TB4-13-00	TB04-14-00	TB-04-18-00	TB-04-18-00A	TB04-18-00	TB04-20-00
	Sample Depth		-	-	-	-	-	-
	Sample Date		4/13/00	4/14/00	4/18/00	4/18/00	4/18/00	4/20/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB	TB	TB
	Event		GAPS2	GAPS2	GAPS2	GAPS2	GAPS2	GAPS2
Analyte	**Method**	**Units**						
styrene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
t-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
tert-butyl methyl ether	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
tetrachloroethene (PCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
toluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trichloroethene (TCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trichlorofluoromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
vinyl acetate	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
vinyl chloride	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
xylene (m,p)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
xylene (o)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TB-04-20-00	TB-04-24-00	TB2-5-30	TB-5-31	TB-6-1	TB-6-2	TRIP-B-1
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		4/20/00	4/24/00	5/30/00	5/31/00	6/01/00	6/02/00	6/08/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB	TB	TB	TB
	Event		GAPS2	GAPS2	RAW	RAW	RAW	RAW	RAW
Analyte	**Method**	**Units**							
1,1,1,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
1,1,1-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
1,1,2,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
1,1,2-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
1,1-dichloroethane	SW8260B	UG/L	3 U	3 U	3 U	3 U	3 U	3 U	3 UJ
1,1-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
1,1-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
1,2,3-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
1,2,3-trichloropropane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ
1,2,4-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
1,2,4-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
1,2-dibromo-3-chloropropane	SW8260B	UG/L	2 UR	2 UR	2 U	2 U	2 U	2 U	2 UJ
1,2-dibromoethane	SW8260B	UG/L							
1,2-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
1,2-dichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
1,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
1,3,5-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
1,3-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
1,3-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
1,4-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
2,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
2-butanone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
2-chloroethyl vinyl ether	SW8260B	UG/L	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR
2-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
2-hexanone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 U	10 U	10 UJ	10 UJ
4-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
4-methyl-2-pentanone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 U	10 U	10 UJ	10 UJ
acetone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TB-04-20-00	TB-04-24-00	TB2-5-30	TB-5-31	TB-6-1	TB-6-2	TRIP-B-1
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		4/20/00	4/24/00	5/30/00	5/31/00	6/01/00	6/02/00	6/08/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB	TB	TB	TB
	Event		GAPS2	GAPS2	RAW	RAW	RAW	RAW	RAW
Analyte	**Method**	**Units**							
benzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
bromobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
bromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
bromodichloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
bromoform	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
bromomethane	SW8260B	UG/L	2 UJ	2 UJ	2 U	2 U	2 U	2 U	2 UJ
carbon disulfide	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ
carbon tetrachloride	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
chlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
chloroethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ
chloroform	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
chloromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ
cis-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
cis-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
dibromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
dibromomethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
dichlorodifluoromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ
ethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
ethylene dibromide	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
Freon 113	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ
hexachlorobutadiene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
isopropylbenzene (cumene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
methylene chloride	SW8260B	UG/L	2 U	2 U	2 U	2 U	3.7 UJ	3.8 UJ	2 UJ
n-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
n-propylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
naphthalene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
p-cymene (p-isopropyltoluene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
sec-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TB-04-20-00	TB-04-24-00	TB2-5-30	TB-5-31	TB-6-1	TB-6-2	TRIP-B-1
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		4/20/00	4/24/00	5/30/00	5/31/00	6/01/00	6/02/00	6/08/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB	TB	TB	TB
	Event		GAPS2	GAPS2	RAW	RAW	RAW	RAW	RAW
Analyte	**Method**	**Units**							
styrene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
t-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
tert-butyl methyl ether	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ
tetrachloroethene (PCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
toluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
trans-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
trans-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
trichloroethene (TCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
trichlorofluoromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ
vinyl acetate	SW8260B	UG/L	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 UJ
vinyl chloride	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ
xylene (m,p)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
xylene (o)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TB(1)	TB(2)	TB(3)	TB	TB(1)	TB(2)	TB(3)
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		8/10/00	8/10/00	8/11/00	8/11/00	8/14/00	8/14/00	8/14/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB	TB	TB	TB
	Event		GAPS3	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**							
1,1,1,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-dichloroethane	SW8260B	UG/L	3 U	3 U	3 U	3 U	3 U	3 U	3 U
1,1-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-trichloropropane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2,4-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dibromo-3-chloropropane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-dibromoethane	SW8260B	UG/L							
1,2-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-butanone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
2-chloroethyl vinyl ether	SW8260B	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
2-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-hexanone	SW8260B	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-methyl-2-pentanone	SW8260B	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
acetone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TB(1)	TB(2)	TB(3)	TB	TB(1)	TB(2)	TB(3)
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		8/10/00	8/10/00	8/11/00	8/11/00	8/14/00	8/14/00	8/14/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB	TB	TB	TB
	Event		GAPS3	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**							
benzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bromobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bromodichloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bromoform	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bromomethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
carbon disulfide	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
carbon tetrachloride	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
chlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
chloroethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
chloroform	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
chloromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
cis-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dibromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dibromomethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dichlorodifluoromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
ethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ethylene dibromide	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Freon 113	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
hexachlorobutadiene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
isopropylbenzene (cumene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
methylene chloride	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
n-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
n-propylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
naphthalene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-cymene (p-isopropyltoluene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
sec-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TB(1)	TB(2)	TB(3)	TB	TB(1)	TB(2)	TB(3)
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		8/10/00	8/10/00	8/11/00	8/11/00	8/14/00	8/14/00	8/14/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB	TB	TB	TB
	Event		GAPS3	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**							
styrene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
t-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
tert-butyl methyl ether	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
tetrachloroethene (PCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
toluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trichloroethene (TCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trichlorofluoromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
vinyl acetate	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
vinyl chloride	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
xylene (m,p)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
xylene (o)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TB(1)	TB(2)	TB(1)	TB(2)	TB(1)	TB(2)	TB(1)
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		8/03/00	8/03/00	8/04/00	8/04/00	8/07/00	8/07/00	8/08/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB	TB	TB	TB
	Event		GAPS3	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**							
1,1,1,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-dichloroethane	SW8260B	UG/L	3 U	3 U	3 U	3 U	3 U	3 U	3 U
1,1-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-trichloropropane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2,4-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dibromo-3-chloropropane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-dibromoethane	SW8260B	UG/L							
1,2-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-butanone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
2-chloroethyl vinyl ether	SW8260B	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
2-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-hexanone	SW8260B	UG/L	10 UJ	10 U	10 UJ	10 UJ	10 U	10 U	10 U
4-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-methyl-2-pentanone	SW8260B	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
acetone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TB(1)	TB(2)	TB(1)	TB(2)	TB(1)	TB(2)	TB(1)
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		8/03/00	8/03/00	8/04/00	8/04/00	8/07/00	8/07/00	8/08/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB	TB	TB	TB
	Event		GAPS3	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**							
benzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bromobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bromodichloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bromoform	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bromomethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
carbon disulfide	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
carbon tetrachloride	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
chlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
chloroethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
chloroform	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
chloromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
cis-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dibromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dibromomethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dichlorodifluoromethane	SW8260B	UG/L	2 UJ	2 U	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
ethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ethylene dibromide	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Freon 113	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
hexachlorobutadiene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
isopropylbenzene (cumene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
methylene chloride	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
n-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
n-propylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
naphthalene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-cymene (p-isopropyltoluene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
sec-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TB(1)	TB(2)	TB(1)	TB(2)	TB(1)	TB(2)	TB(1)
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		8/03/00	8/03/00	8/04/00	8/04/00	8/07/00	8/07/00	8/08/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB	TB	TB	TB
	Event		GAPS3	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**							
styrene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
t-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
tert-butyl methyl ether	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
tetrachloroethene (PCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
toluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trichloroethene (TCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trichlorofluoromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
vinyl acetate	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
vinyl chloride	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
xylene (m,p)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
xylene (o)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TB(2)	TB(3)	TB(1)	TB(2)
	Sample Depth		-	-	-	-
	Sample Date		8/08/00	8/08/00	8/09/00	8/09/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB
	Event		GAPS3	GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**				
1,1,1,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U
1,1,1-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U
1,1,2,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U
1,1,2-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U
1,1-dichloroethane	SW8260B	UG/L	3 U	3 U	3 U	3 U
1,1-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U
1,1-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U
1,2,3-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U
1,2,3-trichloropropane	SW8260B	UG/L	2 U	2 U	2 U	2 U
1,2,4-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U
1,2,4-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U
1,2-dibromo-3-chloropropane	SW8260B	UG/L	2 U	2 U	2 U	2 U
1,2-dibromoethane	SW8260B	UG/L				
1,2-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U
1,2-dichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U
1,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U
1,3,5-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U
1,3-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U
1,3-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U
1,4-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U
2,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U
2-butanone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ
2-chloroethyl vinyl ether	SW8260B	UG/L	5 UJ	5 UJ	5 UJ	5 UJ
2-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U
2-hexanone	SW8260B	UG/L	10 U	10 U	10 U	10 U
4-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U
4-methyl-2-pentanone	SW8260B	UG/L	10 U	10 U	10 U	10 U
acetone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TB(2)	TB(3)	TB(1)	TB(2)
	Sample Depth		-	-	-	-
	Sample Date		8/08/00	8/08/00	8/09/00	8/09/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB
	Event		GAPS3	GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**				
benzene	SW8260B	UG/L	1 U	1 U	1 U	1 U
bromobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U
bromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U
bromodichloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U
bromoform	SW8260B	UG/L	1 U	1 U	1 U	1 U
bromomethane	SW8260B	UG/L	2 U	2 U	2 U	2 U
carbon disulfide	SW8260B	UG/L	2 U	2 U	2 U	2 U
carbon tetrachloride	SW8260B	UG/L	1 U	1 U	1 U	1 U
chlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U
chloroethane	SW8260B	UG/L	2 U	2 U	2 U	2 U
chloroform	SW8260B	UG/L	1 U	1 U	1 U	1 U
chloromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U
cis-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U
cis-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U
dibromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U
dibromomethane	SW8260B	UG/L	1 U	1 U	1 U	1 U
dichlorodifluoromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U
ethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U
ethylene dibromide	SW8260B	UG/L	1 U	1 U	1 U	1 U
Freon 113	SW8260B	UG/L	2 U	2 U	2 U	2 U
hexachlorobutadiene	SW8260B	UG/L	1 U	1 U	1 U	1 U
isopropylbenzene (cumene)	SW8260B	UG/L	1 U	1 U	1 U	1 U
methylene chloride	SW8260B	UG/L	2 U	2 U	2 U	2 U
n-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U
n-propylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U
naphthalene	SW8260B	UG/L	1 U	1 U	1 U	1 U
p-cymene (p-isopropyltoluene)	SW8260B	UG/L	1 U	1 U	1 U	1 U
sec-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U

Table 5-24C. Analytical Results for Trip Blanks
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	Location ID		TB(2)	TB(3)	TB(1)	TB(2)
	Sample Depth		-	-	-	-
	Sample Date		8/08/00	8/08/00	8/09/00	8/09/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		TB	TB	TB	TB
	Event		GAPS3	GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**				
styrene	SW8260B	UG/L	1 U	1 U	1 U	1 U
t-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U
tert-butyl methyl ether	SW8260B	UG/L	2 U	2 U	2 U	2 U
tetrachloroethene (PCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U
toluene	SW8260B	UG/L	1 U	1 U	1 U	1 U
trans-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U
trans-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U
trichloroethene (TCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U
trichlorofluoromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U
vinyl acetate	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ
vinyl chloride	SW8260B	UG/L	2 U	2 U	2 U	2 U
xylene (m,p)	SW8260B	UG/L	1 U	1 U	1 U	1 U
xylene (o)	SW8260B	UG/L	1 U	1 U	1 U	1 U

Table 5-24D. Analytical Results for Source Water
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	Location ID		SRC-1	SRC-2	WAT-3	WAT-4	SRC-4
	Sample Depth		-	-	-	-	-
	Sample Date		12/21/99	12/21/99	4/06/00	4/06/00	8/04/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		FB	FB	FB	FB	FB
	Event		REMEDIAL	REMEDIAL	GAPS2	GAPS2	GAPS3
Analyte	**Method**	**Units**					
aluminum	SW6010B	MG/L	0.043 U	0.11 J	0.043 U	0.046 J	0.043 UJ
antimony	SW6010B	MG/L	0.031 U	0.031 U	0.0022 U	0.0022 U	0.031 U
arsenic	SW6010B	MG/L	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U
barium	SW6010B	MG/L	0.00043 U	0.00043 U	0.00043 U	0.053	0.00043 U
beryllium	SW6010B	MG/L	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U
cadmium	SW6010B	MG/L	0.0031 U	0.0031 U	0.00037 U	0.00037 U	0.00037 U
calcium	SW6010B	MG/L	0.028 UJ	0.82 J	0.034 UJ	18.6	0.027 U
chromium, total	SW6010B	MG/L	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U
cobalt	SW6010B	MG/L	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U
copper	SW6010B	MG/L	0.0021 U	0.0039 J	0.0021 U	0.0023 J	0.0021 U
iron	SW6010B	MG/L	0.017 UJ	0.0039 U	0.015 UJ	0.03 UJ	0.006 J
lead	SW6010B	MG/L	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U
magnesium	SW6010B	MG/L	0.025 U	0.82	0.039 UJ	22.3	0.025 U
manganese	SW6010B	MG/L	0.00069 U	0.0012 UJ	0.00069 U	0.0036 UJ	0.00069 U
molybdenum	SW6010B	MG/L	0.0046 U	0.0046 U	0.0015 U	0.0015 U	0.0015 U
nickel	SW6010B	MG/L	0.0012 U	0.0012 U	0.0012 U	0.0028 UJ	0.0012 U
phosphorus, total (as P)	SW6010B	MG/L	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
potassium	SW6010B	MG/L	0.6 U	0.6 U	0.6 U	1.7	0.6 U
selenium	SW6010B	MG/L	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U
silver	SW6010B	MG/L	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U
sodium	SW6010B	MG/L	0.049 UJ	3.9	0.37 J	41.6	0.036 U
strontium	SW6010B	MG/L					0.00033 U
thallium	SW6010B	MG/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
vanadium	SW6010B	MG/L	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U
zinc	SW6010B	MG/L	0.0022 UJ	0.0027 UJ	0.0035 J	0.0022 J	0.0045 J
mercury	SW7470A	MG/L	0.000049 U	0.000049 U	0.000049 U	0.000049 U	0.000049 U

Table 5-24D. Analytical Results for Source Water
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	Location ID		**SRC-4**
	Sample Depth		**-**
	Sample Date		**8/04/00**
	Lab		**Quanterra**
	Sample Type		**FB**
	Event		**GAPS3**
Analyte	**Method**	**Units**	
aluminum (filtered)	SW6010B-F	MG/L	0.043 U
antimony (filtered)	SW6010B-F	MG/L	0.031 U
arsenic (filtered)	SW6010B-F	MG/L	0.0042 U
barium (filtered)	SW6010B-F	MG/L	0.00043 U
beryllium (filtered)	SW6010B-F	MG/L	0.00009 U
cadmium (filtered)	SW6010B-F	MG/L	0.00037 U
calcium (filtered)	SW6010B-F	MG/L	0.027 U
chromium, total (filtered)	SW6010B-F	MG/L	0.0028 U
cobalt (filtered)	SW6010B-F	MG/L	0.0074 U
copper (filtered)	SW6010B-F	MG/L	0.0021 U
iron (filtered)	SW6010B-F	MG/L	0.0039 U
lead (filtered)	SW6010B-F	MG/L	0.0018 U
magnesium (filtered)	SW6010B-F	MG/L	0.025 U
manganese (filtered)	SW6010B-F	MG/L	0.0029 J
molybdenum (filtered)	SW6010B-F	MG/L	0.0015 U
nickel (filtered)	SW6010B-F	MG/L	0.0012 U
phosphorus, total (as P) (filtered)	SW6010B-F	MG/L	0.12 U
potassium (filtered)	SW6010B-F	MG/L	0.6 U
selenium (filtered)	SW6010B-F	MG/L	0.0032 U
silver (filtered)	SW6010B-F	MG/L	0.0032 U
sodium (filtered)	SW6010B-F	MG/L	0.036 U
strontium (filtered)	SW6010B-F	MG/L	0.00033 U
thallium (filtered)	SW6010B-F	MG/L	0.003 U
vanadium (filtered)	SW6010B-F	MG/L	0.0032 U
zinc (filtered)	SW6010B-F	MG/L	0.0085 J
mercury (filtered)	SW7470A-F	MG/L	0.000049 U

Table 5-24D. Analytical Results for Source Water
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	Location ID		SRC-3	WAT-3	WAT-4	SRC-4
	Sample Depth		-	-	-	0-0
	Sample Date		2/23/00	4/06/00	4/06/00	8/04/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		FB	FB	FB	FB
	Event		GAPS1	GAPS2	GAPS2	GAPS3
Analyte	**Method**	**Units**				
aldrin	SW8081A	UG/L	0.05 U	0.05 U	0.05 U	0.05 U
alpha BHC	SW8081A	UG/L	0.05 U	0.05 U	0.05 U	0.05 U
alpha endosulfan	SW8081A	UG/L	0.05 U	0.05 U	0.05 U	0.05 U
alpha-chlordane	SW8081A	UG/L	0.05 U	0.05 U	0.05 U	0.05 U
beta BHC	SW8081A	UG/L	0.05 U	0.05 U	0.05 U	0.05 U
beta endosulfan	SW8081A	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
delta BHC	SW8081A	UG/L	0.05 U	0.05 U	0.05 U	0.05 U
dieldrin	SW8081A	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
endosulfan sulfate	SW8081A	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
endrin	SW8081A	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
endrin aldehyde	SW8081A	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
endrin ketone	SW8081A	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
gamma BHC (lindane)	SW8081A	UG/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-chlordane	SW8081A	UG/L	0.05 U	0.05 U	0.05 U	0.05 U
heptachlor	SW8081A	UG/L	0.05 U	0.05 U	0.05 U	0.05 U
heptachlor epoxide	SW8081A	UG/L	0.05 U	0.05 U	0.05 U	0.05 U
methoxychlor	SW8081A	UG/L	2 U	2 U	2 U	2 U
p,p'-DDD	SW8081A	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
p,p'-DDE	SW8081A	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
p,p'-DDT	SW8081A	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
toxaphene	SW8081A	UG/L	2 U	2 U	2 U	2 U

Table 5-24D. Analytical Results for Source Water
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	Location ID		SRC-3	WAT-3	WAT-4
	Sample Depth		-	-	-
	Sample Date		2/23/00	4/06/00	4/06/00
	Lab		Quanterra	Quanterra	Quanterra
	Sample Type		FB	FB	FB
	Event		GAPS1	GAPS2	GAPS2
Analyte	**Method**	**Units**			
PCB-1016 (Arochlor 1016)	SW8082	UG/L	1 U	1 U	1 U
PCB-1221 (Arochlor 1221)	SW8082	UG/L	2 U	2 U	2 U
PCB-1232 (Arochlor 1232)	SW8082	UG/L	1 U	1 U	1 U
PCB-1242 (Arochlor 1242)	SW8082	UG/L	1 U	1 U	1 U
PCB-1248 (Arochlor 1248)	SW8082	UG/L	1 U	1 U	1 U
PCB-1254 (Arochlor 1254)	SW8082	UG/L	1 U	1 U	1 U
PCB-1260 (Arochlor 1260)	SW8082	UG/L	1 U	1 U	1 U

Table 5-24D. Analytical Results for Source Water
(Page 5 of 13)

	Location ID		SRC-1	SRC-2	SRC-3	WAT-3	WAT-4	SRC-4
	Sample Depth		-	-	-	-	-	0-0
	Sample Date		12/21/99	12/21/99	2/23/00	4/06/00	4/06/00	8/04/00
	Lab		Onsite	Onsite	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		FB	FB	FB	FB	FB	FB
	Event		REMEDIAL	REMEDIAL	GAPS1	GAPS2	GAPS2	GAPS3
Analyte	**Method**	**Units**						
1,1,1,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
1,1,1-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
1,1,2,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
1,1,2-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
1,1-dichloroethane	SW8260B	UG/L	3 U	3 U	3 U	3 U	6 U	3 U
1,1-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
1,1-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
1,2,3-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
1,2,3-trichloropropane	SW8260B	UG/L	2 U	2 U	2 U	2 U	4 U	2 U
1,2,4-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
1,2,4-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
1,2-dibromo-3-chloropropane	SW8260B	UG/L	2 U	2 U	2 U	2 UR	4 U	2 U
1,2-dibromoethane	SW8260B	UG/L	1 U	1 U				
1,2-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
1,2-dichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
1,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
1,3,5-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
1,3-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
1,3-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
1,4-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
2,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
2-butanone	SW8260B	UG/L	10 UJ	10 U	10 UJ	10 UJ	20 UJ	10 UJ
2-chloroethyl vinyl ether	SW8260B	UG/L	2 UJ	2 UJ	5 UR	5 UR	10 UR	5 UJ
2-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
2-hexanone	SW8260B	UG/L	10 U	10 U	10 UJ	10 UJ	20 UJ	10 UJ
4-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
4-methyl-2-pentanone	SW8260B	UG/L	10 U	10 U	10 U	10 U	20 UJ	10 U
acetone	SW8260B	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	20 UJ	10 UJ
benzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U

Table 5-24D. Analytical Results for Source Water
(Page 6 of 13)

	Location ID		SRC-1	SRC-2	SRC-3	WAT-3	WAT-4	SRC-4
	Sample Depth		-	-	-	-	-	0-0
	Sample Date		12/21/99	12/21/99	2/23/00	4/06/00	4/06/00	8/04/00
	Lab		Onsite	Onsite	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		FB	FB	FB	FB	FB	FB
	Event		REMEDIAL	REMEDIAL	GAPS1	GAPS2	GAPS2	GAPS3
Analyte	**Method**	**Units**						
bromobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
bromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
bromodichloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	16	1 U
bromoform	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
bromomethane	SW8260B	UG/L	2 U	2 U	2 UJ	2 U	4 U	2 U
carbon disulfide	SW8260B	UG/L	1 U	1 U	2 U	2 U	4 U	2 U
carbon tetrachloride	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
chlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
chloroethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	4 U	2 U
chloroform	SW8260B	UG/L	1 U	1 U	1 U	1 U	55	1 U
chloromethane	SW8260B	UG/L	2 UJ	2 UJ	2 U	2 U	4 U	2 U
cis-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
cis-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
dibromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	4.1	1 U
dibromomethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
dichlorodifluoromethane	SW8260B	UG/L	2 UJ	2 UJ	2 U	2 U	4 U	2 UJ
ethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
ethylene dibromide	SW8260B	UG/L			1 U	1 U	2 U	1 U
Freon 113	SW8260B	UG/L	1 U	1 U	2 U	2 U	4 U	2 U
hexachlorobutadiene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
isopropylbenzene (cumene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
methylene chloride	SW8260B	UG/L	2 UJ	2 UJ	2 U	2 U	4 U	0.37 UJ
n-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
n-propylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
naphthalene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
p-cymene (p-isopropyltoluene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
sec-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
styrene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
t-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U

Table 5-24D. Analytical Results for Source Water
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	Location ID		SRC-1	SRC-2	SRC-3	WAT-3	WAT-4	SRC-4
	Sample Depth		-	-	-	-	-	0-0
	Sample Date		12/21/99	12/21/99	2/23/00	4/06/00	4/06/00	8/04/00
	Lab		Onsite	Onsite	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		FB	FB	FB	FB	FB	FB
	Event		REMEDIAL	REMEDIAL	GAPS1	GAPS2	GAPS2	GAPS3
Analyte	**Method**	**Units**						
tert-butyl methyl ether	SW8260B	UG/L	2 U	2 U	2 U	2 U	4 U	2 U
tetrachloroethene (PCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
toluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
trans-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
trans-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
trichloroethene (TCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
trichlorofluoromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	4 U	2 U
vinyl acetate	SW8260B	UG/L	5 UJ	5 UJ	10 U	10 UJ	20 UJ	10 UJ
vinyl chloride	SW8260B	UG/L	2 U	2 U	2 U	2 U	4 U	2 U
xylene (m,p)	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U
xylene (o)	SW8260B	UG/L	1 U	1 U	1 U	1 U	2 U	1 U

Table 5-24D. Analytical Results for Source Water
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	Location ID		SRC-1	SRC-2	SRC-3	WAT-3	WAT-4
	Sample Depth		-	-	-	-	-
	Sample Date		12/21/99	12/21/99	2/23/00	4/06/00	4/06/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		FB	FB	FB	FB	FB
	Event		REMEDIAL	REMEDIAL	GAPS1	GAPS2	GAPS2
Analyte	**Method**	**Units**					
1,2,3,4,6,7,8-HpCDD	SW8290	PG/L	1.4 U	0.89 U	13 U	4.6 U	4.9 U
1,2,3,4,6,7,8-HpCDF	SW8290	PG/L	1.2 U	1.3 U	5.2 UJ	3.9 U	2.6 U
1,2,3,4,7,8,9-HpCDF	SW8290	PG/L	1.6 U	1.6 U	6.4 UJ	4.7 U	3.2 U
1,2,3,4,7,8-HxCDD	SW8290	PG/L	2.5 U	2 U	13 U	7.6 U	6.5 U
1,2,3,4,7,8-HxCDF	SW8290	PG/L	2.4 U	2 U	7.2 UJ	8.2 U	6.8 U
1,2,3,6,7,8-HxCDD	SW8290	PG/L	2.2 U	1.7 U	13 U	7.8 U	6.7 U
1,2,3,6,7,8-HxCDF	SW8290	PG/L	2.1 U	1.7 U	6.7 UJ	7.8 U	6.5 U
1,2,3,7,8,9-HxCDD	SW8290	PG/L	2.1 U	1.7 U	13 U	6.9 U	5.9 U
1,2,3,7,8,9-HxCDF	SW8290	PG/L	2.6 U	2.2 U	8.6 UJ	8.9 U	7.4 U
1,2,3,7,8-PeCDD	SW8290	PG/L	4.2 U	3.4 U	21 U	8.2 U	7.4 U
1,2,3,7,8-PeCDF	SW8290	PG/L	3.6 U	3 U	8.8 U	5.8 U	4.8 U
2,3,4,6,7,8-HxCDF	SW8290	PG/L	2.4 U	2 U	7.4 UJ	8.7 U	7.2 U
2,3,4,7,8-PeCDF	SW8290	PG/L	3.4 U	2.8 U	8.7 U	5.8 U	4.8 U
2,3,7,8-TCDD	SW8290	PG/L	4.2 U	3.2 U	6.6 U	2.9 U	4.7 U
2,3,7,8-TCDF	SW8290	PG/L	1.6 U	1.5 U	5.9 U	3.5 U	3.3 U
OCDD	SW8290	PG/L	6.9 U	4.9 U	13 U	5.8 U	4.5 U
OCDF	SW8290	PG/L	3.9 U	1.3 U	25 U	9.6 U	9.8 U

Table 5-24D. Analytical Results for Source Water
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	Location ID		SRC-1	SRC-2	WAT-3	WAT-4	SRC-4
	Sample Depth		-	-	-	-	0-0
	Sample Date		12/21/99	12/21/99	4/06/00	4/06/00	8/04/00
	Lab		Onsite	Onsite	Quanterra	Quanterra	Quanterra
	Sample Type		FB	FB	FB	FB	FB
	Event		REMEDIAL	REMEDIAL	GAPS2	GAPS2	GAPS3
Analyte	**Method**	**Units**					
acenaphthene	SW8310	UG/L	2.5 UJ	2.5 UJ	2 U	2 U	2 U
acenapthylene	SW8310	UG/L	5 UJ	5 UJ	2 U	2 U	2 U
anthracene	SW8310	UG/L	0.7 UJ	0.7 UJ	0.1 UJ	0.1 UJ	0.1 U
benzo(a)anthracene	SW8310	UG/L	0.3 UJ	0.3 UJ	0.1 U	0.1 U	0.1 U
benzo(a)pyrene	SW8310	UG/L	0.3 UJ	0.3 UJ	0.1 U	0.1 U	0.1 U
benzo(b)fluoranthene	SW8310	UG/L	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U
benzo(g,h,i)perylene	SW8310	UG/L	0.5 UJ	0.5 UJ	0.2 UJ	0.2 UJ	0.2 U
benzo(k)fluoranthene	SW8310	UG/L	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U
chrysene	SW8310	UG/L	0.3 U	0.3 U	0.1 UJ	0.1 UJ	0.1 U
dibenz(a,h)anthracene	SW8310	UG/L	1 U	1 U	0.2 U	0.2 U	0.2 U
fluoranthene	SW8310	UG/L	0.5 UJ	0.5 UJ	0.2 U	0.2 U	0.2 U
fluorene	SW8310	UG/L	0.5 U	0.5 U	0.2 UJ	0.2 UJ	0.2 U
indeno(1,2,3-c,d)pyrene	SW8310	UG/L	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U
naphthalene	SW8310	UG/L	2.5 UJ	2.5 UJ	1 UJ	1 UJ	1 U
phenanthrene	SW8310	UG/L	0.6 UJ	0.6 UJ	0.1 U	0.1 U	0.1 U
pyrene	SW8310	UG/L	0.5 UJ	0.5 UJ	0.2 UJ	0.2 UJ	0.2 U

Table 5-24D. Analytical Results for Source Water
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	Location ID		SRC-1	SRC-1	SRC-2	SRC-2	SRC-3	WAT-3	WAT-4
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		12/21/99	12/21/99	12/21/99	12/21/99	2/23/00	4/06/00	4/06/00
	Lab		Onsite	Quanterra	Onsite	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		FB	FB	FB	FB	FB	FB	FB
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	GAPS1	GAPS2	GAPS2
Analyte	**Method**	**Units**							
1,3,5-trinitrobenzene	SW8330	UG/L	5 UJ	0.4 U	5 UJ	0.4 U	5 U	5 U	5 U
1,3-dinitrobenzene	SW8330	UG/L	5 UJ	0.4 U	5 UJ	0.4 U	5 U	5 U	5 U
2,4,6-trinitrotoluene	SW8330	UG/L	5 UJ	0.4 U	5 UJ	0.4 U	5 U	5 U	5 U
2,4-dinitrotoluene	SW8330	UG/L	5 UJ	0.4 U	5 UJ	0.4 U	5 U	5 U	5 U
2,6-dinitrotoluene	SW8330	UG/L	5 UJ	0.4 U	0.9 J	0.4 U	5 U	5 U	5 U
2-amino-4,6-dinitrotoluene	SW8330	UG/L		0.4 U		0.4 U	5 U	5 U	5 U
2-nitrotoluene	SW8330	UG/L	5 UJ	0.4 U	5 UJ	0.4 U	5 U	5 U	5 U
3-nitrotoluene	SW8330	UG/L	5 UJ	0.4 U	5 UJ	0.4 U	5 U	5 U	5 U
4-amino-2,6-dinitrotoluene	SW8330	UG/L		0.4 U		0.4 U	5 U	5 U	5 U
4-nitrotoluene	SW8330	UG/L	5 UJ	1 U	5 UJ	1 U	5 U	5 U	5 U
amino-dnts	SW8330	UG/L	10 UR		10 UR				
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	UG/L	5 UJ	0.4 U	5 UJ	0.4 U	5 U	5 U	5 U
nitrobenzene	SW8330	UG/L	5 UJ	0.4 U	5 UJ	0.4 U	5 U	5 U	5 U
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	UG/L	5 UJ	0.4 U	5 UJ	0.4 U	5 U	5 U	5 U
tetryl	SW8330	UG/L	5 UJ	0.4 U	5 UJ	0.4 U	5 U	5 U	5 U

Table 5-24D. Analytical Results for Source Water
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	Location ID		**SRC-4**
	Sample Depth		**0-0**
	Sample Date		**8/04/00**
	Lab		**Quanterra**
	Sample Type		**FB**
	Event		**GAPS3**
Analyte	**Method**	**Units**	
1,3,5-trinitrobenzene	SW8330	UG/L	5 U
1,3-dinitrobenzene	SW8330	UG/L	5 U
2,4,6-trinitrotoluene	SW8330	UG/L	5 U
2,4-dinitrotoluene	SW8330	UG/L	5 U
2,6-dinitrotoluene	SW8330	UG/L	5 U
2-amino-4,6-dinitrotoluene	SW8330	UG/L	5 U
2-nitrotoluene	SW8330	UG/L	5 U
3-nitrotoluene	SW8330	UG/L	5 U
4-amino-2,6-dinitrotoluene	SW8330	UG/L	5 U
4-nitrotoluene	SW8330	UG/L	5 U
amino-dnts	SW8330	UG/L	
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	UG/L	5 U
nitrobenzene	SW8330	UG/L	5 U
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	UG/L	5 U
tetryl	SW8330	UG/L	5 U

Table 5-24D. Analytical Results for Source Water
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	Location ID		SRC-1	SRC-1	SRC-2	SRC-2	SRC-3
	Sample Depth		-	-	-	-	-
	Sample Date		12/21/99	12/21/99	12/21/99	12/21/99	2/23/00
	Lab		Onsite	Quanterra	Onsite	Quanterra	Quanterra
	Sample Type		FB	FB	FB	FB	FB
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	GAPS1
Analyte	**Method**	**Units**					
total dissolved solids	E160.1	MG/L		10 U		21	
suspended solids	E160.2	MG/L		5 U		5 U	
chloride (as Cl)	E300-CL	MG/L		0.43 UJ		3.8	
nitrogen, nitrite (as N)	E300-NO2N	MG/L		0.007 U		0.007 U	
nitrogen, nitrate (as N)	E300-NO3N	MG/L		0.044 J		0.056	
perchlorate	E300-PCATE	UG/L					
sulfate (as SO4)	E300-SO4	MG/L		0.48 J		3.3	
total organic carbon	E415.1	MG/L		0.18 UJ		0.17 UJ	
kerosene	M8015B	UG/L	50 U		50 U		
motor oils	M8015B	UG/L	500 U		500 U		
tph as diesel (c10-c28)	M8015B	UG/L	50 U		50 U		
diesel fuel #2	M8015B	UG/L					50 U
kerosene	M8015B	UG/L					
motor oils	M8015B	UG/L					500 U
unknown extract. hydrocarbon	M8015B	UG/L					
nitroglycerin	SW8330M	UG/L	25 UJ	1 U	25 UJ	1 U	
pentaerythritol tetranitrate	SW8330M	UG/L	50 UJ	1 U	50 U	1 UJ	

Table 5-24D. Analytical Results for Source Water
(Page 13 of 13)

	Location ID		WAT-3	WAT-3	WAT-4	WAT-4	SRC-4
	Sample Depth		-	-	-	-	0-0
	Sample Date		4/06/00	4/06/00	4/06/00	4/06/00	6/04/00
	Lab		Babcock	Quanterra	Babcock	Quanterra	Quanterra
	Sample Type		FB	FB	FB	FB	FB
	Event		GAPS2	GAPS2	GAPS2	GAPS2	GAPS3
Analyte	**Method**	**Units**					
total dissolved solids	E160.1	MG/L					
suspended solids	E160.2	MG/L					
chloride (as Cl)	E300-CL	MG/L		0.1 U		16.6	
nitrogen, nitrite (as N)	E300-NO2N	MG/L		0.007 U		0.007 U	
nitrogen, nitrate (as N)	E300-NO3N	MG/L		0.005 U		0.15	
perchlorate	E300-PCATE	UG/L	4 U		4 U		
sulfate (as SO4)	E300-SO4	MG/L		0.1 U		60.7	
total organic carbon	E415.1	MG/L		0.11 U		2.5	
kerosene	M8015B	UG/L					
motor oils	M8015B	UG/L					
tph as diesel (c10-c28)	M8015B	UG/L					
diesel fuel #2	M8015B	UG/L		200 U		200 U	50 UJ
kerosene	M8015B	UG/L		200 U		200 U	50 UJ
motor oils	M8015B	UG/L		1000 U		1000 U	500 U
unknown extract. hydrocarbon	M8015B	UG/L		200 U		200 U	50 UJ
nitroglycerin	SW8330M	UG/L		25 U		25 U	
pentaerythritol tetranitrate	SW8330M	UG/L		50 U		50 U	

Table 5-24E. Analytical Results for Equipment and Filter Blanks

	Location ID		DA3-3/K	DA3-5/K	HF-3/K	RSP1/K3	RSP5/K3	TNT-5A8/K	TW-1/K	TW-4/K
	Sample Depth		-	-	-	-	-	-	-	-
	Sample Date		12/17/99	12/17/99	12/07/99	12/06/99	12/07/99	12/21/99	12/10/99	12/13/99
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		EB	EB	EB	EB	EB	EB	EB	EB
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**								
aluminum	SW6010B	MG/L	1.2	0.52	0.043 U	0.06 J	0.043 U	0.048 J	0.043 U	0.11 J
antimony	SW6010B	MG/L	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U
arsenic	SW6010B	MG/L	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U
barium	SW6010B	MG/L	0.17	0.019	0.0048 J	0.0024 J	0.00043 U	0.00043 U	0.00043 U	0.0045 J
beryllium	SW6010B	MG/L	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U
cadmium	SW6010B	MG/L	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U
calcium	SW6010B	MG/L	0.61 UJ	0.32 UJ	0.095 J	0.091 J	0.029 J	0.027 U	0.039 J	1.8
chromium, total	SW6010B	MG/L	0.0082 J	0.0068 J	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U
cobalt	SW6010B	MG/L	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U
copper	SW6010B	MG/L	0.032	0.006 UJ	0.0036 UJ	0.0021 U	0.0031 UJ	0.0056 J	0.0036 UJ	0.0034 J
iron	SW6010B	MG/L	2.4	1.2	0.12 J	0.096 J	0.022 J	0.024 UJ	0.012 J	0.19 J
lead	SW6010B	MG/L	0.092	0.0094	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U
magnesium	SW6010B	MG/L	0.46 J	0.17 UJ	0.025 U	0.051 J	0.025 U	0.025 U	0.025 U	0.088 J
manganese	SW6010B	MG/L	0.054	0.03	0.0019 UJ	0.0019 UJ	0.00069 U	0.00069 U	0.00069 U	0.059
molybdenum	SW6010B	MG/L	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U
nickel	SW6010B	MG/L	0.0035 J	0.0024 J	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
phosphorus, total (as P)	SW6010B	MG/L	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
potassium	SW6010B	MG/L	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
selenium	SW6010B	MG/L	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U
silver	SW6010B	MG/L	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U
sodium	SW6010B	MG/L	0.34 UJ	0.29 UJ	0.069 UJ	0.087 UJ	0.055 UJ	0.037 UJ	0.062 UJ	0.14 J
strontium	SW6010B	MG/L								
thallium	SW6010B	MG/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
vanadium	SW6010B	MG/L	0.0045 J	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U
zinc	SW6010B	MG/L	0.018 UJ	0.0044 UJ	0.0021 U	0.0021 U	0.0021 U	0.0025 UJ	0.0021 U	0.0021 U
mercury	SW7470A	MG/L	0.000073 J	0.000049 U	0.000049 U	0.000049 U	0.000049 U	0.000049 U	0.000049 U	0.000049 U
methyl mercury	FGS-070.1	UG/L								

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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	Location ID		TW-5/K	TW-6/K	TW-7/K	TW-8/K7	MW-9/K	MW-10/K	MW-12/K
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		12/09/99	12/08/99	12/11/99	12/09/99	4/11/00	4/21/00	4/21/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		EB	EB	EB	EB	EB	EB	EB
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	GAPS2	GAPS2	GAPS2
Analyte	**Method**	**Units**							
aluminum	SW6010B	MG/L	0.043 U	0.043 U	0.043 U	0.94	0.043 U	0.043 U	0.043 U
antimony	SW6010B	MG/L	0.031 U	0.031 U	0.031 U	0.031 U	0.0022 U	0.0022 U	0.0022 U
arsenic	SW6010B	MG/L	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U
barium	SW6010B	MG/L	0.0012 J	0.0018 J	0.00043 U	0.012	0.00043 U	0.00043 U	0.00043 U
beryllium	SW6010B	MG/L	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U
cadmium	SW6010B	MG/L	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.00037 U	0.00037 U	0.00037 U
calcium	SW6010B	MG/L	0.11 J	0.052 J	0.083 J	0.45 J	0.092 UJ	0.14 UJ	0.12 UJ
chromium, total	SW6010B	MG/L	0.0028 U	0.0028 U	0.0028 U	0.0097 J	0.0028 U	0.0028 U	0.0028 U
cobalt	SW6010B	MG/L	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U
copper	SW6010B	MG/L	0.0034 UJ	0.0042 UJ	0.0029 UJ	0.0056 UJ	0.0021 U	0.0036 J	0.0029 J
iron	SW6010B	MG/L	0.028 J	0.012 J	0.0084 J	2.7	0.014 UJ	0.0061 UJ	0.0047 UJ
lead	SW6010B	MG/L	0.0018 U	0.0018 U	0.0028 U	0.0029 J	0.0018 U	0.0018 U	0.0018 U
magnesium	SW6010B	MG/L	0.039 J	0.027 J	0.055 J	0.35 J	0.078 UJ	0.074 UJ	0.029 UJ
manganese	SW6010B	MG/L	0.00069 U	0.00069 U	0.00069 U	0.037	0.0044 J	0.0092	0.0023 J
molybdenum	SW6010B	MG/L	0.0046 U	0.0046 U		0.0046 U	0.0015 U	0.0015 U	0.0015 U
nickel	SW6010B	MG/L	0.0014 J	0.0018 J	0.0012 U	0.0049 J	0.0012 U	0.0012 U	0.0012 U
phosphorus, total (as P)	SW6010B	MG/L	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 UJ
potassium	SW6010B	MG/L	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
selenium	SW6010B	MG/L	0.0032 U	0.0032 U	0.0028 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U
silver	SW6010B	MG/L	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U
sodium	SW6010B	MG/L	0.099 UJ	0.076 UJ	0.27 J	0.27 J	0.15 J	0.14 J	0.079 J
strontium	SW6010B	MG/L							
thallium	SW6010B	MG/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
vanadium	SW6010B	MG/L	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U
zinc	SW6010B	MG/L	0.0032 J	0.0035 J	0.0021 U	0.01 J	0.038	0.0022 J	0.0021 U
mercury	SW7470A	MG/L	0.000049 U	0.000068 J	0.000049 U	0.000049 U	0.000049 U	0.000049 U	0.000049 U
methyl mercury	FGS-070.1	UG/L							

Table 5-24E. Analytical Results for Equipment and Filter Blanks

	Location ID		MW-1/K	MW-2/K	WET-K	WET-K2
	Sample Depth		-	-	-	-
	Sample Date		8/10/00	8/03/00	8/10/00	8/10/00
	Lab		Quanterra	Quanterra	Frontier	Quanterra
	Sample Type		EB	EB	EB	EB
	Event		GAPS3	GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**				
aluminum	SW6010B	MG/L	0.043 U	0.043 UJ		
antimony	SW6010B	MG/L	0.031 U	0.031 U		
arsenic	SW6010B	MG/L	0.0042 U	0.0042 U		
barium	SW6010B	MG/L	0.00043 U	0.00043 U		
beryllium	SW6010B	MG/L	0.00009 U	0.00009 U		
cadmium	SW6010B	MG/L	0.00037 U	0.00037 U		
calcium	SW6010B	MG/L	0.027 U	0.027 U		
chromium, total	SW6010B	MG/L	0.0028 U	0.0028 U		
cobalt	SW6010B	MG/L	0.0074 U	0.0074 U		
copper	SW6010B	MG/L	0.0021 U	0.0021 U		
iron	SW6010B	MG/L	0.013 UJ	0.0056 J		
lead	SW6010B	MG/L	0.0018 U	0.0018 U		
magnesium	SW6010B	MG/L	0.032 J	0.025 U		
manganese	SW6010B	MG/L	0.0014 UJ	0.00069 U		
molybdenum	SW6010B	MG/L	0.0015 U	0.0015 U		
nickel	SW6010B	MG/L	0.0012 U	0.0012 U		
phosphorus, total (as P)	SW6010B	MG/L	0.12 U	0.12 U		
potassium	SW6010B	MG/L	1.1 J	0.6 U		
selenium	SW6010B	MG/L	0.0032 U	0.0032 U		
silver	SW6010B	MG/L	0.0032 U	0.0032 U		
sodium	SW6010B	MG/L	0.074 UJ	0.036 U		
strontium	SW6010B	MG/L	0.001 J	0.00033 U		
thallium	SW6010B	MG/L	0.003 U	0.0033 J		
vanadium	SW6010B	MG/L	0.0032 U	0.0032 U		
zinc	SW6010B	MG/L	0.0033 UJ	0.0021 U		
mercury	SW7470A	MG/L	0.000049 U	0.000049 U		0.000087 J
methyl mercury	FGS-070.1	UG/L			0.02 U	

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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	Location ID		TW-4/K	MW-4/L	MW-1/K	MW-2/K	MW-16/L
	Sample Depth		-	-	-	-	-
	Sample Date		12/14/99	4/18/00	8/10/00	8/03/00	8/04/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		EB	FB	EB	EB	FB
	Event		REMEDIAL	GAPS2	GAPS3	GAPS3	GAPS3
Analyte	**Method**	**Units**					
aluminum (filtered)	SW6010B-F	MG/L	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
antimony (filtered)	SW6010B-F	MG/L	0.031 U	0.0022 U	0.031 U	0.031 U	0.031 U
arsenic (filtered)	SW6010B-F	MG/L	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U
barium (filtered)	SW6010B-F	MG/L	0.0015 UJ	0.00043 U	0.00043 U	0.00043 U	0.00043 U
beryllium (filtered)	SW6010B-F	MG/L	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U
cadmium (filtered)	SW6010B-F	MG/L	0.0031 U	0.00037 U	0.00037 U	0.00037 U	0.00037 U
calcium (filtered)	SW6010B-F	MG/L	0.062 J	0.074 UJ	0.027 U	0.027 U	0.035 J
chromium, total (filtered)	SW6010B-F	MG/L	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U
cobalt (filtered)	SW6010B-F	MG/L	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U
copper (filtered)	SW6010B-F	MG/L	0.0021 U	0.0027 J	0.0021 U	0.0021 U	0.0021 U
iron (filtered)	SW6010B-F	MG/L	0.0039 U	0.0043 UJ	0.0039 U	0.0055 UJ	0.0043 UJ
lead (filtered)	SW6010B-F	MG/L	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U
magnesium (filtered)	SW6010B-F	MG/L	0.047 J	0.053 UJ	0.025 U	0.025 U	0.025 U
manganese (filtered)	SW6010B-F	MG/L	0.00069 U	0.00069 U	0.00069 U	0.00069 U	0.004 J
molybdenum (filtered)	SW6010B-F	MG/L	0.0046 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U
nickel (filtered)	SW6010B-F	MG/L	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
phosphorus, total as P (filtered)	SW6010B-F	MG/L	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
potassium (filtered)	SW6010B-F	MG/L	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
selenium (filtered)	SW6010B-F	MG/L	0.0033 J	0.0032 U	0.0032 U	0.0032 U	0.0032 U
silver (filtered)	SW6010B-F	MG/L	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U
sodium (filtered)	SW6010B-F	MG/L	0.12 UJ	0.13 J	0.036 U	0.036 U	0.062 J
strontium (filtered)	SW6010B-F	MG/L			0.00033 U	0.00033 U	0.00033 U
thallium (filtered)	SW6010B-F	MG/L	0.0049 J	0.003 U	0.003 U	0.003 U	0.003 U
vanadium (filtered)	SW6010B-F	MG/L	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U
zinc (filtered)	SW6010B-F	MG/L	0.0025 J	0.029	0.0036 J	0.0021 U	0.007 J
mercury (filtered)	SW7470A-F	MG/L	0.000049 U	0.000049 U	0.000049 U	0.000049 U	0.000049 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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	Location ID		MW-10/K	MW-12/K	MW-1/K	MW-2/K
	Sample Depth		-	-	-	-
	Sample Date		4/21/00	4/21/00	8/10/00	8/03/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		EB	EB	EB	EB
	Event		GAPS2	GAPS2	GAPS3	GAPS3
Analyte	**Method**	**Units**				
aldrin	SW8081A	UG/L	0.05 U	0.05 U	0.05 U	0.05 U
alpha BHC	SW8081A	UG/L	0.05 U	0.05 U	0.05 U	0.05 U
alpha endosulfan	SW8081A	UG/L	0.05 U	0.05 U	0.05 U	0.05 U
alpha-chlordane	SW8081A	UG/L	0.05 U	0.05 U	0.05 U	0.05 U
beta BHC	SW8081A	UG/L	0.05 U	0.05 U	0.05 U	0.05 U
beta endosulfan	SW8081A	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
delta BHC	SW8081A	UG/L	0.05 U	0.05 U	0.05 U	0.05 U
dieldrin	SW8081A	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
endosulfan sulfate	SW8081A	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
endrin	SW8081A	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
endrin aldehyde	SW8081A	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
endrin ketone	SW8081A	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
gamma BHC (lindane)	SW8081A	UG/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-chlordane	SW8081A	UG/L	0.05 U	0.05 U	0.05 U	0.05 U
heptachlor	SW8081A	UG/L	0.05 U	0.05 U	0.05 U	0.05 U
heptachlor epoxide	SW8081A	UG/L	0.05 U	0.05 U	0.05 U	0.05 U
methoxychlor	SW8081A	UG/L	2 U	2 U	2 U	2 U
p,p'-DDD	SW8081A	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
p,p'-DDE	SW8081A	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
p,p'-DDT	SW8081A	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
toxaphene	SW8081A	UG/L	2 U	2 U	2 U	2 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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	Location ID		MW-7/K	MW-10/K	MW-12/K
	Sample Depth		-	-	-
	Sample Date		2/24/00	4/21/00	4/21/00
	Lab		Quanterra	Quanterra	Quanterra
	Sample Type		EB	EB	EB
	Event		GAPS1	GAPS2	GAPS2
Analyte	**Method**	**Units**			
PCB-1016 (Arochlor 1016)	SW8082	UG/L	1 U	1 U	1 U
PCB-1221 (Arochlor 1221)	SW8082	UG/L	2 U	2 U	2 U
PCB-1232 (Arochlor 1232)	SW8082	UG/L	1 U	1 U	1 U
PCB-1242 (Arochlor 1242)	SW8082	UG/L	1 U	1 U	1 U
PCB-1248 (Arochlor 1248)	SW8082	UG/L	1 U	1 U	1 U
PCB-1254 (Arochlor 1254)	SW8082	UG/L	1 U	1 U	1 U
PCB-1260 (Arochlor 1260)	SW8082	UG/L	1 U	1 U	1 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks

	Location ID		HF-2/K	HF-3/K	TW-1/K	TW-4/K	TW-6/K	TW-7/K	TW-8/K
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		12/06/99	12/07/99	12/09/99	12/13/99	12/08/99	12/11/99	12/07/99
	Lab		Onsite	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
	Sample Type		EB	EB	EB	EB	EB	EB	EB
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**							
1,1,1,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-dichloroethane	SW8260B	UG/L	3 U	3 U	3 U	3 U	3 U	3 U	3 U
1,1-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-trichloropropane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2,4-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dibromo-3-chloropropane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-dibromoethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-butanone	SW8260B	UG/L	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U
2-chloroethyl vinyl ether	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-hexanone	SW8260B	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-methyl-2-pentanone	SW8260B	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
acetone	SW8260B	UG/L	10 U	10 U	10 U	10 UR	10 U	10 U	10 U
benzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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	Location ID		HF-2/K	HF-3/K	TW-1/K	TW-4/K	TW-6/K	TW-7/K	TW-8/K
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		12/06/99	12/07/99	12/09/99	12/13/99	12/08/99	12/11/99	12/07/99
	Lab		Onsite	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
	Sample Type		EB	EB	EB	EB	EB	EB	EB
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**							
bromobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bromodichloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bromoform	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bromomethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
carbon disulfide	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
carbon tetrachloride	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
chlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
chloroethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
chloroform	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
chloromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
cis-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dibromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dibromomethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dichlorodifluoromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
ethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ethylene dibromide	SW8260B	UG/L							
Freon 113	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
hexachlorobutadiene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
isopropylbenzene (cumene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
methylene chloride	SW8260B	UG/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
n-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
n-propylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
naphthalene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-cymene (p-isopropyltoluene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
sec-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
styrene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
t-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks

	Location ID		HF-2/K	HF-3/K	TW-1/K	TW-4/K	TW-6/K	TW-7/K	TW-8/K
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		12/06/99	12/07/99	12/09/99	12/13/99	12/08/99	12/11/99	12/07/99
	Lab		Onsite	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
	Sample Type		EB	EB	EB	EB	EB	EB	EB
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**							
tert-butyl methyl ether	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
tetrachloroethene (PCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
toluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trichloroethene (TCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trichlorofluoromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
vinyl acetate	SW8260B	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
vinyl chloride	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
xylene (m,p)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
xylene (o)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks

	Location ID		TW-9/K	MW-1/K	MW-1/K	MW-7/K	MW-9/K	AR-12/K	HF-6/K
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		12/09/99	2/22/00	2/23/00	2/24/00	2/25/00	3/30/00	4/07/00
	Lab		Onsite	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		EB	EB	EB	EB	EB	EB	EB
	Event		REMEDIAL	GAPS1	GAPS1	GAPS1	GAPS1	GAPS2	GAPS2
Analyte	**Method**	**Units**							
1,1,1,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-dichloroethane	SW8260B	UG/L	3 U	3 U	3 U	3 U	3 U	3 U	3 U
1,1-dichloroethene	SW8260B	UG/L	10 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-trichloropropane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2,4-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dibromo-3-chloropropane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 UR	2 U
1,2-dibromoethane	SW8260B	UG/L	1 U						
1,2-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-butanone	SW8260B	UG/L	10 U	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
2-chloroethyl vinyl ether	SW8260B	UG/L	2 U	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR
2-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-hexanone	SW8260B	UG/L	10 U	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
4-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-methyl-2-pentanone	SW8260B	UG/L	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ
acetone	SW8260B	UG/L	1 U	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	1.9 UJ
benzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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	Location ID		TW-9/K	MW-1/K	MW-1/K	MW-7/K	MW-9/K	AR-12/K	HF-6/K
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		12/09/99	2/22/00	2/23/00	2/24/00	2/25/00	3/30/00	4/07/00
	Lab		Onsite	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		EB	EB	EB	EB	EB	EB	EB
	Event		REMEDIAL	GAPS1	GAPS1	GAPS1	GAPS1	GAPS2	GAPS2
Analyte	**Method**	**Units**							
bromobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bromodichloromethane	SW8260B	UG/L	1 U	5.5 UJ	1 U	5.5	1 U	1 U	1 U
bromoform	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bromomethane	SW8260B	UG/L	2 U	2 UJ	2 UJ	2 UJ	2 UJ	2 U	2 U
carbon disulfide	SW8260B	UG/L	1 U	2 U	2 U	2 U	2 U	2 U	2 U
carbon tetrachloride	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
chlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
chloroethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
chloroform	SW8260B	UG/L	1 U	16 UJ	1 U	16	1 U	1 U	1 U
chloromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
cis-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dibromochloromethane	SW8260B	UG/L	1 U	1.5 UJ	1 U	1.5	1 U	1 U	1 U
dibromomethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
dichlorodifluoromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U
ethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ethylene dibromide	SW8260B	UG/L		1 U	1 U	1 U	1 U	1 U	1 U
Freon 113	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
hexachlorobutadiene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
isopropylbenzene (cumene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
methylene chloride	SW8260B	UG/L	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U
n-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
n-propylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
naphthalene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p-cymene (p-isopropyltoluene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
sec-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
styrene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
t-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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	Location ID		TW-9/K	MW-1/K	MW-1/K	MW-7/K	MW-9/K	AR-12/K	HF-6/K
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		12/09/99	2/22/00	2/23/00	2/24/00	2/25/00	3/30/00	4/07/00
	Lab		Onsite	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		EB	EB	EB	EB	EB	EB	EB
	Event		REMEDIAL	GAPS1	GAPS1	GAPS1	GAPS1	GAPS2	GAPS2
Analyte	**Method**	**Units**							
tert-butyl methyl ether	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
tetrachloroethene (PCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
toluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trichloroethene (TCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trichlorofluoromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
vinyl acetate	SW8260B	UG/L	5 UJ	10 U	10 U	10 U	10 U	10 U	10 UJ
vinyl chloride	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
xylene (m,p)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
xylene (o)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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	Location ID		HF-9/K	MW-3A/K	MW-10/K	MW-12/K	MW-13/K	MW-15/K
	Sample Depth		-	-	-	-	-	-
	Sample Date		3/31/00	4/03/00	4/21/00	4/21/00	3/29/00	3/30/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		EB	EB	EB	EB	EB	EB
	Event		GAPS2	GAPS2	GAPS2	GAPS2	GAPS2	GAPS2
Analyte	**Method**	**Units**						
1,1,1,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-trichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1-dichloroethane	SW8260B	UG/L	3 U	3 U	3 U	3 U	3 U	3 U
1,1-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-trichloropropane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2,4-trichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dibromo-3-chloropropane	SW8260B	UG/L	2 UR	2 UR	2 UR	2 UR	2 UR	2 UR
1,2-dibromoethane	SW8260B	UG/L						
1,2-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dichloroethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-trimethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,3-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,3-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,4-dichlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
2,2-dichloropropane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
2-butanone	SW8260B	UG/L	10 UJ	10 UJ	10 UR	10 UJ	10 UJ	10 UJ
2-chloroethyl vinyl ether	SW8260B	UG/L	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR
2-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
2-hexanone	SW8260B	UG/L	10 UJ	10 UJ	10 UR	10 UJ	10 UJ	10 UJ
4-chlorotoluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
4-methyl-2-pentanone	SW8260B	UG/L	10 UJ	10 UJ	10 UR	10 UJ	10 UJ	10 UJ
acetone	SW8260B	UG/L	3.3 UJ	10 UJ	10 UR	10 UJ	10 UJ	10 UJ
benzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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	Location ID		HF-9/K	MW-3A/K	MW-10/K	MW-12/K	MW-13/K	MW-15/K
	Sample Depth		-	-	-	-	-	-
	Sample Date		3/31/00	4/03/00	4/21/00	4/21/00	3/29/00	3/30/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		EB	EB	EB	EB	EB	EB
	Event		GAPS2	GAPS2	GAPS2	GAPS2	GAPS2	GAPS2
Analyte	**Method**	**Units**						
bromobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromodichloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromoform	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
bromomethane	SW8260B	UG/L	2 U	2 U	2 UJ	2 UJ	2 U	2 U
carbon disulfide	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
carbon tetrachloride	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
chlorobenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
chloroethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
chloroform	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
chloromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
cis-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
dibromochloromethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
dibromomethane	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
dichlorodifluoromethane	SW8260B	UG/L	2 UJ	2 UJ	2 U	2 U	2 U	2 UJ
ethylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
ethylene dibromide	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Freon 113	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
hexachlorobutadiene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
isopropylbenzene (cumene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
methylene chloride	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
n-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
n-propylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
naphthalene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
p-cymene (p-isopropyltoluene)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
sec-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
styrene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
t-butylbenzene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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	Location ID		HF-9/K	MW-3A/K	MW-10/K	MW-12/K	MW-13/K	MW-15/K
	Sample Depth		-	-	-	-	-	-
	Sample Date		3/31/00	4/03/00	4/21/00	4/21/00	3/29/00	3/30/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		EB	EB	EB	EB	EB	EB
	Event		GAPS2	GAPS2	GAPS2	GAPS2	GAPS2	GAPS2
Analyte	**Method**	**Units**						
tert-butyl methyl ether	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
tetrachloroethene (PCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
toluene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trichloroethene (TCE)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trichlorofluoromethane	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
vinyl acetate	SW8260B	UG/L	10 U	10 U	10 UJ	10 UJ	10 UJ	10 U
vinyl chloride	SW8260B	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
xylene (m,p)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
xylene (o)	SW8260B	UG/L	1 U	1 U	1 U	1 U	1 U	1 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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		Location ID	MW-1/K	MW-2/K
		Sample Depth	-	-
		Sample Date	8/10/00	8/03/00
		Lab	Quanterra	Quanterra
		Sample Type	EB	EB
		Event	GAPS3	GAPS3
Analyte	**Method**	**Units**		
1,1,1,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U
1,1,1-trichloroethane	SW8260B	UG/L	1 U	1 U
1,1,2,2-tetrachloroethane	SW8260B	UG/L	1 U	1 U
1,1,2-trichloroethane	SW8260B	UG/L	1 U	1 U
1,1-dichloroethane	SW8260B	UG/L	3 U	3 U
1,1-dichloroethene	SW8260B	UG/L	1 U	1 U
1,1-dichloropropene	SW8260B	UG/L	1 U	1 U
1,2,3-trichlorobenzene	SW8260B	UG/L	1 U	1 U
1,2,3-trichloropropane	SW8260B	UG/L	2 U	2 U
1,2,4-trichlorobenzene	SW8260B	UG/L	1 U	1 U
1,2,4-trimethylbenzene	SW8260B	UG/L	1 U	1 U
1,2-dibromo-3-chloropropane	SW8260B	UG/L	2 U	2 U
1,2-dibromoethane	SW8260B	UG/L		
1,2-dichlorobenzene	SW8260B	UG/L	1 U	1 U
1,2-dichloroethane	SW8260B	UG/L	1 U	1 U
1,2-dichloropropane	SW8260B	UG/L	1 U	1 U
1,3,5-trimethylbenzene	SW8260B	UG/L	1 U	1 U
1,3-dichlorobenzene	SW8260B	UG/L	1 U	1 U
1,3-dichloropropane	SW8260B	UG/L	1 U	1 U
1,4-dichlorobenzene	SW8260B	UG/L	1 U	1 U
2,2-dichloropropane	SW8260B	UG/L	1 U	1 U
2-butanone	SW8260B	UG/L	10 UJ	2.6 J
2-chloroethyl vinyl ether	SW8260B	UG/L	5 UJ	5 UJ
2-chlorotoluene	SW8260B	UG/L	1 U	1 U
2-hexanone	SW8260B	UG/L	10 U	10 U
4-chlorotoluene	SW8260B	UG/L	1 U	1 U
4-methyl-2-pentanone	SW8260B	UG/L	10 U	10 U
acetone	SW8260B	UG/L	2 UJ	6.2 UJ
benzene	SW8260B	UG/L	1 U	1 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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		Location ID	MW-1/K	MW-2/K
		Sample Depth	-	-
		Sample Date	8/10/00	8/03/00
		Lab	Quanterra	Quanterra
		Sample Type	EB	EB
		Event	GAPS3	GAPS3
Analyte	**Method**	**Units**		
bromobenzene	SW8260B	UG/L	1 U	1 U
bromochloromethane	SW8260B	UG/L	1 U	1 U
bromodichloromethane	SW8260B	UG/L	1 U	1 U
bromoform	SW8260B	UG/L	1 U	1 U
bromomethane	SW8260B	UG/L	2 U	2 U
carbon disulfide	SW8260B	UG/L	2 U	2 U
carbon tetrachloride	SW8260B	UG/L	1 U	1 U
chlorobenzene	SW8260B	UG/L	1 U	1 U
chloroethane	SW8260B	UG/L	2 U	2 U
chloroform	SW8260B	UG/L	1 U	1 U
chloromethane	SW8260B	UG/L	2 U	2 U
cis-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U
cis-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U
dibromochloromethane	SW8260B	UG/L	1 U	1 U
dibromomethane	SW8260B	UG/L	1 U	1 U
dichlorodifluoromethane	SW8260B	UG/L	2 U	2 U
ethylbenzene	SW8260B	UG/L	1 U	1 U
ethylene dibromide	SW8260B	UG/L	1 U	1 U
Freon 113	SW8260B	UG/L	2 U	2 U
hexachlorobutadiene	SW8260B	UG/L	1 U	1 U
isopropylbenzene (cumene)	SW8260B	UG/L	1 U	1 U
methylene chloride	SW8260B	UG/L	0.37 UJ	3.7 UJ
n-butylbenzene	SW8260B	UG/L	1 U	1 U
n-propylbenzene	SW8260B	UG/L	1 U	1 U
naphthalene	SW8260B	UG/L	1 U	1 U
p-cymene (p-isopropyltoluene)	SW8260B	UG/L	1 U	1 U
sec-butylbenzene	SW8260B	UG/L	1 U	1 U
styrene	SW8260B	UG/L	1 U	1 U
t-butylbenzene	SW8260B	UG/L	1 U	1 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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	Location ID		MW-1/K	MW-2/K
	Sample Depth		-	-
	Sample Date		8/10/00	8/03/00
	Lab		Quanterra	Quanterra
	Sample Type		EB	EB
	Event		GAPS3	GAPS3
Analyte	**Method**	**Units**		
tert-butyl methyl ether	SW8260B	UG/L	2 U	2 U
tetrachloroethene (PCE)	SW8260B	UG/L	1 U	1 U
toluene	SW8260B	UG/L	1 U	1 U
trans-1,2-dichloroethene	SW8260B	UG/L	1 U	1 U
trans-1,3-dichloropropene	SW8260B	UG/L	1 U	1 U
trichloroethene (TCE)	SW8260B	UG/L	1 U	1 U
trichlorofluoromethane	SW8260B	UG/L	2 U	2 U
vinyl acetate	SW8260B	UG/L	10 UJ	10 UJ
vinyl chloride	SW8260B	UG/L	2 U	2 U
xylene (m,p)	SW8260B	UG/L	1 U	1 U
xylene (o)	SW8260B	UG/L	1 U	1 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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	Location ID		MW-1/K	TNT-1P/K
	Sample Depth		-	-
	Sample Date		2/23/00	4/02/00
	Lab		Quanterra	Quanterra
	Sample Type		EB	EB
	Event		GAPS1	GAPS2
Analyte	**Method**	**Units**		
1,2,3,4,6,7,8-HpCDD	SW8290	PG/L	13 U	1.6 U
1,2,3,4,6,7,8-HpCDF	SW8290	PG/L	5 UJ	0.76 U
1,2,3,4,7,8,9-HpCDF	SW8290	PG/L	6.3 UJ	0.97 U
1,2,3,4,7,8-HxCDD	SW8290	PG/L	12 U	2.2 U
1,2,3,4,7,8-HxCDF	SW8290	PG/L	7.6 UJ	1.4 U
1,2,3,6,7,8-HxCDD	SW8290	PG/L	12 U	2 U
1,2,3,6,7,8-HxCDF	SW8290	PG/L	7 UJ	1.3 U
1,2,3,7,8,9-HxCDD	SW8290	PG/L	11 U	2.1 U
1,2,3,7,8,9-HxCDF	SW8290	PG/L	9 UJ	1.5 U
1,2,3,7,8-PeCDD	SW8290	PG/L	28 U	3.3 U
1,2,3,7,8-PeCDF	SW8290	PG/L	12 U	1.5 U
2,3,4,6,7,8-HxCDF	SW8290	PG/L	7.8 UJ	1.3 U
2,3,4,7,8-PeCDF	SW8290	PG/L	11 U	1.5 U
2,3,7,8-TCDD	SW8290	PG/L	6 U	1.9 U
2,3,7,8-TCDF	SW8290	PG/L	6.9 U	1.4 U
OCDD	SW8290	PG/L	12 U	2.5 U
OCDF	SW8290	PG/L	24 U	4.6 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks

	Location ID		DA3-3/K	DA3-5/K	HF-2/K	HF-3/K	TW-1/K	TW-4/K	TW-4/K1	TW-5/K
	Sample Depth		-	-	-	-	-	-	-	-
	Sample Date		12/17/99	12/17/99	12/06/99	12/07/99	12/10/99	12/13/99	12/14/99	12/09/99
	Lab		Onsite	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
	Sample Type		EB	EB	EB	EB	EB	EB	EB	EB
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**								
acenaphthene	SW8310	UG/L	10 UJ	10 U	2.5 UJ	2.5 UJ	2.5 UJ	10 U	10 U	2.5 UJ
acenapthylene	SW8310	UG/L	10 UJ	10 U	5 UJ	5 UJ	5 UJ	10 U	10 U	5 UJ
anthracene	SW8310	UG/L	10 UJ	10 U	0.7 UJ	0.7 UJ	0.7 UJ	10 U	10 U	0.7 UJ
benzo(a)anthracene	SW8310	UG/L	10 UJ	10 U	0.3 U	0.3 U	0.3 U	10 U	10 U	0.3 U
benzo(a)pyrene	SW8310	UG/L	10 UJ	10 U	0.3 U	0.3 U	0.3 U	10 U	10 U	0.3 U
benzo(b)fluoranthene	SW8310	UG/L	10 U	10 U	0.5 U	0.5 U	0.5 U	10 U	10 U	0.5 U
benzo(g,h,i)perylene	SW8310	UG/L	10 UJ	10 U	0.5 U	0.5 U	0.5 U	10 U	10 U	0.5 U
benzo(k)fluoranthene	SW8310	UG/L	10 U	10 U	0.5 U	0.5 U	0.5 U	10 U	10 U	0.5 U
chrysene	SW8310	UG/L	10 U	10 U	0.3 U	0.3 U	0.3 U	10 U	10 U	0.3 U
dibenz(a,h)anthracene	SW8310	UG/L	10 U	10 U	1 U	1 U	1 U	10 U	10 U	1 U
fluoranthene	SW8310	UG/L	10 UJ	10 U	0.5 UJ	0.5 UJ	0.5 UJ	10 U	10 U	0.5 UJ
fluorene	SW8310	UG/L	10 U	10 UJ	5 UJ	5 UJ	5 UJ	10 UJ	10 UJ	5 UJ
indeno(1,2,3-c,d)pyrene	SW8310	UG/L	10 U	10 U	0.5 U	0.5 U	0.5 U	10 U	10 U	0.5 U
naphthalene	SW8310	UG/L	10 UJ	10 U	2.5 UJ	2.5 UJ	2.5 UJ	10 U	10 U	2.5 UJ
phenanthrene	SW8310	UG/L	10 UJ	10 U	0.6 UJ	0.6 UJ	0.6 UJ	10 U	10 U	0.6 UJ
pyrene	SW8310	UG/L	10 UJ	10 U	0.5 U	0.5 U	0.5 U	10 U	10 U	0.5 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks

	Location ID		TW-6/K	TW-7/K	TW-8/K1	TW-9/K1	MW-10/K	MW-12/K	SP2-R1A/K	SP3-R4C/K
	Sample Depth		-	-	-	-	-	-	-	-
	Sample Date		12/08/99	12/11/99	12/09/99	12/10/99	4/21/00	4/21/00	4/20/00	4/21/00
	Lab		Onsite	Onsite	Onsite	Onsite	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		EB	EB	EB	EB	EB	EB	EB	EB
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	GAPS2	GAPS2	GAPS2	GAPS2
Analyte	**Method**	**Units**								
acenaphthene	SW8310	UG/L	2.5 UJ	10 U	10 UJ	2.5 UJ	2 U	2 U	2 U	2 U
acenapthylene	SW8310	UG/L	5 UJ	10 U	10 UJ	5 UJ	2 U	2 U	2 U	2 U
anthracene	SW8310	UG/L	0.7 UJ	10 U	10 UJ	0.7 UJ	0.1 U	0.1 U	0.1 U	0.1 U
benzo(a)anthracene	SW8310	UG/L	0.3 U	10 U	10 UJ	0.3 U	0.1 U	0.1 U	0.1 U	0.1 U
benzo(a)pyrene	SW8310	UG/L	0.3 U	10 U	10 UJ	0.3 U	0.1 U	0.1 U	0.1 U	0.1 U
benzo(b)fluoranthene	SW8310	UG/L	0.5 U	10 U	10 UJ	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U
benzo(g,h,i)perylene	SW8310	UG/L	0.5 U	10 U	10 UJ	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U
benzo(k)fluoranthene	SW8310	UG/L	0.5 U	10 U	10 UJ	0.5 U	0.1 U	0.1 U	0.1 U	0.1 U
chrysene	SW8310	UG/L	0.3 U	10 U	10 UJ	0.3 U	0.1 U	0.1 U	0.1 U	0.1 U
dibenz(a,h)anthracene	SW8310	UG/L	1 U	10 U	10 UJ	1 U	0.2 U	0.2 U	0.2 U	0.2 U
fluoranthene	SW8310	UG/L	0.5 UJ	10 U	10 UJ	0.5 UJ	0.2 U	0.2 U	0.2 U	0.2 U
fluorene	SW8310	UG/L	5 UJ	10 UJ	10 UJ	5 UJ	0.2 U	0.2 U	0.2 U	0.2 U
indeno(1,2,3-c,d)pyrene	SW8310	UG/L	0.5 U	10 U	10 UJ	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U
naphthalene	SW8310	UG/L	2.5 UJ	10 U	10 UJ	2.5 UJ	1 U	1 U	1 U	1 U
phenanthrene	SW8310	UG/L	0.6 UJ	10 U	10 UJ	0.6 UJ	0.1 U	0.1 U	0.1 U	0.1 U
pyrene	SW8310	UG/L	0.5 U	10 U	10 UJ	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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		Location ID	MW-1/K	MW-2/K
		Sample Depth	-	-
		Sample Date	8/10/00	8/03/00
		Lab	Quanterra	Quanterra
		Sample Type	EB	EB
		Event	GAPS3	GAPS3
Analyte	**Method**	**Units**		
acenaphthene	SW8310	UG/L	2 U	2 U
acenapthylene	SW8310	UG/L	2 U	2 U
anthracene	SW8310	UG/L	0.1 U	0.1 U
benzo(a)anthracene	SW8310	UG/L	0.1 U	0.1 U
benzo(a)pyrene	SW8310	UG/L	0.1 U	0.1 U
benzo(b)fluoranthene	SW8310	UG/L	0.2 U	0.2 U
benzo(g,h,i)perylene	SW8310	UG/L	0.2 U	0.2 U
benzo(k)fluoranthene	SW8310	UG/L	0.1 U	0.1 U
chrysene	SW8310	UG/L	0.1 U	0.1 U
dibenz(a,h)anthracene	SW8310	UG/L	0.2 UJ	0.2 U
fluoranthene	SW8310	UG/L	0.2 U	0.2 U
fluorene	SW8310	UG/L	0.2 U	0.2 U
indeno(1,2,3-c,d)pyrene	SW8310	UG/L	0.2 U	0.2 U
naphthalene	SW8310	UG/L	1 U	1 U
phenanthrene	SW8310	UG/L	0.1 U	0.1 U
pyrene	SW8310	UG/L	0.2 U	0.2 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks

	Location ID		DA3-3/K	DA3-5/K	HF-2/K	HF-3/K	RSP1/K2	RSP5/K1
	Sample Depth		-	-	-	-	-	-
	Sample Date		12/17/99	12/17/99	12/06/99	12/07/99	12/06/99	12/07/99
	Lab		Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
	Sample Type		EB	EB	EB	EB	EB	EB
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**						
1,3,5-trinitrobenzene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
1,3-dinitrobenzene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
2,4,6-trinitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
2,4-dinitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
2,6-dinitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
2-amino-4,6-dinitrotoluene	SW8330	UG/L						
2-nitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
3-nitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
4-amino-2,6-dinitrotoluene	SW8330	UG/L						
4-nitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
amino-dnts	SW8330	UG/L	10 UR	10 UR	10 UR	10 UR	10 UR	10 UR
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
nitrobenzene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
tetryl	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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	Location ID		TNT-1F3/K	TNT-1L/K	TNT-1N/K	TNT-4C6/K	TNT-5A8/K	TNT-5F/K
	Sample Depth		-	-	-	-	-	-
	Sample Date		12/06/99	12/08/99	12/19/99	12/09/99	12/21/99	12/10/99
	Lab		Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
	Sample Type		EB	EB	EB	EB	EB	EB
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**						
1,3,5-trinitrobenzene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
1,3-dinitrobenzene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
2,4,6-trinitrotoluene	SW8330	UG/L	0.89 J	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
2,4-dinitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
2,6-dinitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
2-amino-4,6-dinitrotoluene	SW8330	UG/L						
2-nitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
3-nitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
4-amino-2,6-dinitrotoluene	SW8330	UG/L						
4-nitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
amino-dnts	SW8330	UG/L	10 UR	10 UJ	10 UR	10 UJ	10 UR	10 UR
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
nitrobenzene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
tetryl	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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	Location ID		TNT-5L/K	TW-1/K	TW-4/K	TW-4/K	TW-4/K1	TW-5/K
	Sample Depth		-	-	-	-	-	-
	Sample Date		12/22/99	12/10/99	12/13/99	12/13/99	12/14/99	12/09/99
	Lab		Onsite	Onsite	Onsite	Quanterra	Onsite	Onsite
	Sample Type		EB	EB	EB	EB	EB	EB
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**						
1,3,5-trinitrobenzene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	0.3 U	5 UJ	5 UJ
1,3-dinitrobenzene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	0.1 U	5 UJ	5 UJ
2,4,6-trinitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	0.1 U	5 UJ	5 UJ
2,4-dinitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	0.1 U	5 UJ	5 UJ
2,6-dinitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	0.3 U	5 UJ	5 UJ
2-amino-4,6-dinitrotoluene	SW8330	UG/L				0.1 U		
2-nitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	1 U	5 UJ	5 UJ
3-nitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	1 U	5 UJ	5 UJ
4-amino-2,6-dinitrotoluene	SW8330	UG/L				0.1 U		
4-nitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	1 U	5 UJ	5 UJ
amino-dnts	SW8330	UG/L	10 UR	10 UR	10 UR		10 UR	10 UJ
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	UG/L	5 UJ	5 UJ	5 UJ	0.8 U	5 UJ	5 UJ
nitrobenzene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	1 U	5 UJ	5 UJ
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	UG/L	5 UJ	5 UJ	5 UJ	1 U	5 UJ	5 UJ
tetryl	SW8330	UG/L	5 UJ	5 UJ	5 UJ	1 U	5 UJ	5 UJ

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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	Location ID		TW-6/K	TW-7/K	TW-8/K1	TW-9/K1	MW-1/K	MW-9/K
	Sample Depth		-	-	-	-	-	-
	Sample Date		12/08/99	12/11/99	12/09/99	12/10/99	2/22/00	2/25/00
	Lab		Onsite	Onsite	Onsite	Onsite	Quanterra	Quanterra
	Sample Type		EB	EB	EB	EB	EB	EB
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	GAPS1	GAPS1
Analyte	**Method**	**Units**						
1,3,5-trinitrobenzene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 U	5 U
1,3-dinitrobenzene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 U	5 U
2,4,6-trinitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 U	5 U
2,4-dinitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 U	5 U
2,6-dinitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 U	5 U
2-amino-4,6-dinitrotoluene	SW8330	UG/L					5 U	
2-nitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 U	5 U
3-nitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 U	5 U
4-amino-2,6-dinitrotoluene	SW8330	UG/L					5 U	5 U
4-nitrotoluene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 U	5 U
amino-dnts	SW8330	UG/L	10 UJ	10 UR	10 UR	10 UR		
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 U	5 U
nitrobenzene	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 U	5 U
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 U	5 U
tetryl	SW8330	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	5 U	5 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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	Location ID		HF-6/K	HF-9/K	MW-3A/K	MW-10/K	MW-12/K	MW-13/K
	Sample Depth		-	-	-	-	-	-
	Sample Date		4/07/00	3/31/00	4/03/00	4/21/00	4/21/00	3/29/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		EB	EB	EB	EB	EB	EB
	Event		GAPS2	GAPS2	GAPS2	GAPS2	GAPS2	GAPS2
Analyte	**Method**	**Units**						
1,3,5-trinitrobenzene	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
1,3-dinitrobenzene	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-trinitrotoluene	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2,4-dinitrotoluene	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2,6-dinitrotoluene	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2-amino-4,6-dinitrotoluene	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2-nitrotoluene	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
3-nitrotoluene	SW8330	UG/L	5 U	5 U	5 U	5 UJ	5 UJ	5 U
4-amino-2,6-dinitrotoluene	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
4-nitrotoluene	SW8330	UG/L	5 U	5 U	5 U	5 UJ	5 UJ	5 U
amino-dnts	SW8330	UG/L						
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	UG/L	5 U	5 U	5 U	5 UJ	5 UJ	5 U
nitrobenzene	SW8330	UG/L	5 U	5 U	5 U	5 UJ	5 UJ	5 U
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
tetryl	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U	5 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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		Location ID	MW-15/K	TNT-1P/K	TNT-1P/K	TNT-1Q/K	TNT-2F/K
		Sample Depth	-	-	-	-	-
		Sample Date	3/30/00	3/27/00	4/02/00	3/28/00	3/30/00
		Lab	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
		Sample Type	EB	EB	EB	EB	EB
		Event	GAPS2	GAPS2	GAPS2	GAPS2	GAPS2
Analyte	**Method**	**Units**					
1,3,5-trinitrobenzene	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U
1,3-dinitrobenzene	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U
2,4,6-trinitrotoluene	SW8330	UG/L	5 U	0.76 J	5 U	18	5 U
2,4-dinitrotoluene	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U
2,6-dinitrotoluene	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U
2-amino-4,6-dinitrotoluene	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U
2-nitrotoluene	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U
3-nitrotoluene	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U
4-amino-2,6-dinitrotoluene	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U
4-nitrotoluene	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U
amino-dnts	SW8330	UG/L					
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U
nitrobenzene	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U
tetryl	SW8330	UG/L	5 U	5 U	5 U	5 U	5 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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		Location ID	MW-1/K	MW-2/K
		Sample Depth	-	-
		Sample Date	8/10/00	8/03/00
		Lab	Quanterra	Quanterra
		Sample Type	EB	EB
		Event	GAPS3	GAPS3
Analyte	**Method**	**Units**		
1,3,5-trinitrobenzene	SW8330	UG/L	5 U	5 U
1,3-dinitrobenzene	SW8330	UG/L	5 U	5 U
2,4,6-trinitrotoluene	SW8330	UG/L	5 U	5 U
2,4-dinitrotoluene	SW8330	UG/L	5 U	5 U
2,6-dinitrotoluene	SW8330	UG/L	5 U	5 U
2-amino-4,6-dinitrotoluene	SW8330	UG/L	5 U	5 U
2-nitrotoluene	SW8330	UG/L	5 U	5 U
3-nitrotoluene	SW8330	UG/L	5 U	5 U
4-amino-2,6-dinitrotoluene	SW8330	UG/L	5 U	5 U
4-nitrotoluene	SW8330	UG/L	5 U	5 U
amino-dnts	SW8330	UG/L		
hexahydro-1,3,5-trinitro-1,3,5-triazine	SW8330	UG/L	5 U	5 U
nitrobenzene	SW8330	UG/L	5 U	5 U
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	SW8330	UG/L	5 U	5 U
tetryl	SW8330	UG/L	5 U	5 U

Table 5-24E. Analytical Results for Equipment and Filter Blanks

	Location ID		DA3-3/K	HF-2/K	HF-2/K	HF-3/K	HF-3/K	RSP1/K1	RSP5/K2
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		12/17/99	12/06/99	12/06/99	12/07/99	12/07/99	12/06/99	12/07/99
	Lab		Onsite	Onsite	Quanterra	Onsite	Quanterra	Onsite	Onsite
	Sample Type		EB	EB	EB	EB	EB	EB	EB
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**							
total dissolved solids	E160.1	MG/L							
suspended solids	E160.2	MG/L							
chloride (as Cl)	E300-CL	MG/L							
nitrogen, nitrite (as N)	E300-NO2N	MG/L			0.007 UJ		0.007 U		
nitrogen, nitrate (as N)	E300-NO3N	MG/L			0.064 J-		0.065		
perchlorate	E300-PCATE	UG/L							
sulfate (as SO4)	E300-SO4	MG/L							
total organic carbon	E415.1	MG/L							
kerosene	M8015B	UG/L				50 U			
motor oils	M8015B	UG/L		500 UJ		500 U		500 U	500 U
tph as diesel (c10-c28)	M8015B	UG/L		50 UJ		50 U		50 U	50 U
diesel fuel #2	M8015B	UG/L							
kerosene	M8015B	UG/L							
motor oils	M8015B	UG/L							
unknown extract. hydrocarbon	M8015B	UG/L							
chloropicrin	SW8270	UG/L							
1,1-dimethylhydrazine	SW8315	UG/L							
hydrazine	SW8315	UG/L							
methyl hydrazine	SW8315	UG/L							
nitroglycerin	SW8330M	UG/L	25 UJ	25 UJ		25 UJ			
pentaerythritol tetranitrate	SW8330M	UG/L	50 UJ	50 UJ		50 UJ			

Table 5-24E. Analytical Results for Equipment and Filter Blanks

	Location ID		TW-1/K	TW-1/K	TW-1/K	TW-2/K	TW-4/K	TW-4/K	TW-4/K
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		12/10/99	12/10/99	12/10/99	12/08/99	12/13/99	12/13/99	12/14/99
	Lab		Babcock	Onsite	Quanterra	Quanterra	Onsite	Quanterra	Babcock
	Sample Type		EB	EB	EB	EB	EB	EB	EB
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**							
total dissolved solids	E160.1	MG/L							
suspended solids	E160.2	MG/L							
chloride (as Cl)	E300-CL	MG/L							
nitrogen, nitrite (as N)	E300-NO2N	MG/L			0.007 UJ			0.007 U	
nitrogen, nitrate (as N)	E300-NO3N	MG/L			0.044 J-			0.041 J	
perchlorate	E300-PCATE	UG/L	4 UJ						4 UJ
sulfate (as SO4)	E300-SO4	MG/L							
total organic carbon	E415.1	MG/L			0.13 UJ	0.2 UJ			
kerosene	M8015B	UG/L		50 U			50 U		
motor oils	M8015B	UG/L		500 U			500 U		
tph as diesel (c10-c28)	M8015B	UG/L		50 U			50 UJ		
diesel fuel #2	M8015B	UG/L							
kerosene	M8015B	UG/L							
motor oils	M8015B	UG/L							
unknown extract. hydrocarbon	M8015B	UG/L							
chloropicrin	SW8270	UG/L							
1,1-dimethylhydrazine	SW8315	UG/L							
hydrazine	SW8315	UG/L							
methyl hydrazine	SW8315	UG/L							
nitroglycerin	SW8330M	UG/L		25 UJ			25 UJ		
pentaerythritol tetranitrate	SW8330M	UG/L		50 UJ			50 UR		

Table 5-24E. Analytical Results for Equipment and Filter Blanks

	Location ID		TW-4/K	TW-4/K1	TW-5/K	TW-5/K	TW-6/K	TW-6/K	TW-7/K
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		12/14/99	12/14/99	12/09/99	12/09/99	12/08/99	12/08/99	12/11/99
	Lab		Quanterra	Onsite	Onsite	Quanterra	Onsite	Quanterra	Onsite
	Sample Type		EB	EB	EB	EB	EB	EB	EB
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL
Analyte	**Method**	**Units**							
total dissolved solids	E160.1	MG/L	10 U						
suspended solids	E160.2	MG/L	5 U						
chloride (as Cl)	E300-CL	MG/L	0.43 J						
nitrogen, nitrite (as N)	E300-NO2N	MG/L	0.007 U			0.007 UJ		0.007 U	
nitrogen, nitrate (as N)	E300-NO3N	MG/L	0.064			0.065 J-		0.064	
perchlorate	E300-PCATE	UG/L							
sulfate (as SO4)	E300-SO4	MG/L	0.49 J						
total organic carbon	E415.1	MG/L							
kerosene	M8015B	UG/L		50 U	50 U		50 U		50 U
motor oils	M8015B	UG/L		500 U	500 U		500 U		500 U
tph as diesel (c10-c28)	M8015B	UG/L		50 UJ	50 U		50 U		50 UJ
diesel fuel #2	M8015B	UG/L							
kerosene	M8015B	UG/L							
motor oils	M8015B	UG/L							
unknown extract. hydrocarbon	M8015B	UG/L							
chloropicrin	SW8270	UG/L							
1,1-dimethylhydrazine	SW8315	UG/L							
hydrazine	SW8315	UG/L							
methyl hydrazine	SW8315	UG/L							
nitroglycerin	SW8330M	UG/L		25 UR	25 UJ		25 UJ		25 UJ
pentaerythritol tetranitrate	SW8330M	UG/L		50 UR	50 UJ		50 UJ		50 UR

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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	Location ID		TW-7/K	TW-8/K1	TW-8/K10	TW-9/K1	TW-9/K9	MW-1/K	MW-1/K
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		12/11/99	12/09/99	12/09/99	12/10/99	12/10/99	2/22/00	2/23/00
	Lab		Quanterra	Onsite	Quanterra	Onsite	Onsite	Quanterra	Quanterra
	Sample Type		EB	EB	EB	EB	EB	EB	EB
	Event		REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	REMEDIAL	GAPS1	GAPS1
Analyte	**Method**	**Units**							
total dissolved solids	E160.1	MG/L							
suspended solids	E160.2	MG/L							
chloride (as Cl)	E300-CL	MG/L							
nitrogen, nitrite (as N)	E300-NO2N	MG/L	0.007 UJ						
nitrogen, nitrate (as N)	E300-NO3N	MG/L	0.042 J						
perchlorate	E300-PCATE	UG/L					0.004 UJ		
sulfate (as SO4)	E300-SO4	MG/L							
total organic carbon	E415.1	MG/L			2.5				
kerosene	M8015B	UG/L				50 U			
motor oils	M8015B	UG/L				500 U			
tph as diesel (c10-c28)	M8015B	UG/L				50 U			
diesel fuel #2	M8015B	UG/L						50 U	50 U
kerosene	M8015B	UG/L							
motor oils	M8015B	UG/L						500 U	500 U
unknown extract. hydrocarbon	M8015B	UG/L							
chloropicrin	SW8270	UG/L							
1,1-dimethylhydrazine	SW8315	UG/L							
hydrazine	SW8315	UG/L							
methyl hydrazine	SW8315	UG/L							
nitroglycerin	SW8330M	UG/L		25 UJ		25 UJ			
pentaerythritol tetranitrate	SW8330M	UG/L		50 UJ		50 UJ			

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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	Location ID		MW-7/K	MW-9/K	AR-12/K	HF-9/K	MW-3A/K	MW-3B/K	MW-3R/K
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		2/24/00	2/25/00	3/30/00	3/31/00	4/03/00	4/24/00	5/03/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Truesdail	Quanterra
	Sample Type		EB	EB	EB	EB	EB	EB	EB
	Event		GAPS1	GAPS1	GAPS2	GAPS2	GAPS2	GAPS2	GAPS2
Analyte	**Method**	**Units**							
total dissolved solids	E160.1	MG/L							
suspended solids	E160.2	MG/L							
chloride (as Cl)	E300-CL	MG/L							
nitrogen, nitrite (as N)	E300-NO2N	MG/L							
nitrogen, nitrate (as N)	E300-NO3N	MG/L							
perchlorate	E300-PCATE	UG/L							
sulfate (as SO4)	E300-SO4	MG/L							
total organic carbon	E415.1	MG/L							
kerosene	M8015B	UG/L							
motor oils	M8015B	UG/L							
tph as diesel (c10-c28)	M8015B	UG/L							
diesel fuel #2	M8015B	UG/L	50 U	50 U	200 U	200 U	200 U		
kerosene	M8015B	UG/L							
motor oils	M8015B	UG/L	500 U	500 U	1000 U	1000 U	1000 U		
unknown extract. hydrocarbon	M8015B	UG/L			200 U	200 U	200 U		
chloropicrin	SW8270	UG/L							5 UJ
1,1-dimethylhydrazine	SW8315	UG/L						5 U	
hydrazine	SW8315	UG/L						1 U	
methyl hydrazine	SW8315	UG/L						5 U	
nitroglycerin	SW8330M	UG/L		25 U					
pentaerythritol tetranitrate	SW8330M	UG/L		50 U					

Table 5-24E. Analytical Results for Equipment and Filter Blanks
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	Location ID		MW-10/K	MW-10/K	MW-12/K	MW-12/K	MW-12/K	MW-13/K	MW-15/K
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		4/21/00	4/21/00	4/21/00	4/21/00	4/24/00	3/29/00	3/30/00
	Lab		Babcock	Quanterra	Babcock	Quanterra	Truesdail	Quanterra	Quanterra
	Sample Type		EB	EB	EB	EB	EB	EB	EB
	Event		GAPS2	GAPS2	GAPS2	GAPS2	GAPS2	GAPS2	GAPS2
Analyte	**Method**	**Units**							
total dissolved solids	E160.1	MG/L		18		10 U			
suspended solids	E160.2	MG/L		5 U		5 U			
chloride (as Cl)	E300-CL	MG/L		0.1 U		0.1 U			
nitrogen, nitrite (as N)	E300-NO2N	MG/L		0.007 UJ		0.007 UJ			
nitrogen, nitrate (as N)	E300-NO3N	MG/L		0.048 J		0.047 J			
perchlorate	E300-PCATE	UG/L	4 U		4 U				
sulfate (as SO4)	E300-SO4	MG/L		0.1 U		0.1 U			
total organic carbon	E415.1	MG/L		0.17 UJ		0.16 UJ			
kerosene	M8015B	UG/L							
motor oils	M8015B	UG/L							
tph as diesel (c10-c28)	M8015B	UG/L							
diesel fuel #2	M8015B	UG/L		50 UJ		50 UJ		200 U	200 U
kerosene	M8015B	UG/L		50 UJ		50 UJ			
motor oils	M8015B	UG/L		500 UJ		500 UJ		1000 U	1000 U
unknown extract. hydrocarbon	M8015B	UG/L		50 UJ		50 UJ		200 U	200 U
chloropicrin	SW8270	UG/L							
1,1-dimethylhydrazine	SW8315	UG/L					5 U		
hydrazine	SW8315	UG/L					1 U		
methyl hydrazine	SW8315	UG/L					5 U		
nitroglycerin	SW8330M	UG/L		25 U		25 U			
pentaerythritol tetranitrate	SW8330M	UG/L		50 U		50 U			

Table 5-24E. Analytical Results for Equipment and Filter Blanks

	Location ID		SP2-R1A/K	SP3-R4C/K	TNT-1P/K	TNT-1P/K	TNT-2F/K	MW-1/K	MW-2/K
	Sample Depth		-	-	-	-	-	-	-
	Sample Date		4/20/00	4/21/00	3/27/00	4/02/00	3/30/00	8/10/00	8/03/00
	Lab		Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra	Quanterra
	Sample Type		EB	EB	EB	EB	EB	EB	EB
	Event		GAPS2	GAPS2	GAPS2	GAPS2	GAPS2	GAPS3	GAPS3
Analyte	**Method**	**Units**							
total dissolved solids	E160.1	MG/L							
suspended solids	E160.2	MG/L							
chloride (as Cl)	E300-CL	MG/L							
nitrogen, nitrite (as N)	E300-NO2N	MG/L							
nitrogen, nitrate (as N)	E300-NO3N	MG/L							
perchlorate	E300-PCATE	UG/L							
sulfate (as SO4)	E300-SO4	MG/L							
total organic carbon	E415.1	MG/L							
kerosene	M8015B	UG/L							
motor oils	M8015B	UG/L							
tph as diesel (c10-c28)	M8015B	UG/L							
diesel fuel #2	M8015B	UG/L	50 UJ	50 U	200 UJ	200 U	200 U	50 UJ	50 UJ
kerosene	M8015B	UG/L	50 UJ	50 U	200 UJ	200 U	200 U	50 UJ	50 UJ
motor oils	M8015B	UG/L	500 UJ	500 U	1000 UJ	1000 U	1000 U	500 U	500 U
unknown extract. hydrocarbon	M8015B	UG/L	50 UJ	50 U	200 UJ	200 U	200 U	50 UJ	50 UJ
chloropicrin	SW8270	UG/L							
1,1-dimethylhydrazine	SW8315	UG/L							
hydrazine	SW8315	UG/L							
methyl hydrazine	SW8315	UG/L							
nitroglycerin	SW8330M	UG/L				25 U			
pentaerythritol tetranitrate	SW8330M	UG/L				50 U			

Table 5-25. Rejected Results for the Interim Investigation, May to July 1999
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EPA Method	Sample ID	Matrix	ANALYTE	Qualifier	Sampling Date	Lab Code	SDG
SW8270	SP1-B1	Soil	acenaphthene	R	20-Jul-99	CTN	9907544
SW8270	SP1-B1	Soil	acenapthylene	R	20-Jul-99	CTN	9907544
SW8270	SP1-B1	Soil	anthracene	R	20-Jul-99	CTN	9907544
SW8270	SP1-B1	Soil	benzo(a)anthracene	R	20-Jul-99	CTN	9907544
SW8270	SP1-B1	Soil	benzo(a)pyrene	R	20-Jul-99	CTN	9907544
SW8270	SP1-B1	Soil	benzo(b)fluoranthene	R	20-Jul-99	CTN	9907544
SW8270	SP1-B1	Soil	benzo(g,h,i)perylene	R	20-Jul-99	CTN	9907544
SW8270	SP1-B1	Soil	benzo(k)fluoranthene	R	20-Jul-99	CTN	9907544
SW8270	SP1-B1	Soil	chrysene	R	20-Jul-99	CTN	9907544
SW8270	SP1-B1	Soil	dibenz(a,h)anthracene	R	20-Jul-99	CTN	9907544
SW8270	SP1-B1	Soil	fluoranthene	R	20-Jul-99	CTN	9907544
SW8270	SP1-B1	Soil	fluorene	R	20-Jul-99	CTN	9907544
SW8270	SP1-B1	Soil	indeno(1,2,3-c,d)pyrene	R	20-Jul-99	CTN	9907544
SW8270	SP1-B1	Soil	naphthalene	R	20-Jul-99	CTN	9907544
SW8270	SP1-B1	Soil	phenanthrene	R	20-Jul-99	CTN	9907544
SW8270	SP1-B1	Soil	pyrene	R	20-Jul-99	CTN	9907544
SW8270	SP2-B1	Soil	acenaphthene	R	20-Jul-99	CTN	9907544
SW8270	SP2-B1	Soil	acenapthylene	R	20-Jul-99	CTN	9907544
SW8270	SP2-B1	Soil	anthracene	R	20-Jul-99	CTN	9907544
SW8270	SP2-B1	Soil	dibenz(a,h)anthracene	R	20-Jul-99	CTN	9907544
SW8270	SP2-B1	Soil	fluorene	R	20-Jul-99	CTN	9907544
SW8270	SP2-B1	Soil	naphthalene	R	20-Jul-99	CTN	9907544
SW8270	SP2-B1	Soil	phenanthrene	R	20-Jul-99	CTN	9907544
SW8270	SP3-1B	Soil	acenaphthene	R	21-Jul-99	CTN	9907543
SW8270	SP3-1B	Soil	acenapthylene	R	21-Jul-99	CTN	9907543
SW8270	SP3-1B	Soil	anthracene	R	21-Jul-99	CTN	9907543
SW8270	SP3-1B	Soil	benzo(a)anthracene	R	21-Jul-99	CTN	9907543
SW8270	SP3-1B	Soil	benzo(a)pyrene	R	21-Jul-99	CTN	9907543
SW8270	SP3-1B	Soil	benzo(b)fluoranthene	R	21-Jul-99	CTN	9907543
SW8270	SP3-1B	Soil	benzo(g,h,i)perylene	R	21-Jul-99	CTN	9907543
SW8270	SP3-1B	Soil	benzo(k)fluoranthene	R	21-Jul-99	CTN	9907543
SW8270	SP3-1B	Soil	dibenz(a,h)anthracene	R	21-Jul-99	CTN	9907543
SW8270	SP3-1B	Soil	fluoranthene	R	21-Jul-99	CTN	9907543
SW8270	SP3-1B	Soil	fluorene	R	21-Jul-99	CTN	9907543
SW8270	SP3-1B	Soil	indeno(1,2,3-c,d)pyrene	R	21-Jul-99	CTN	9907543
SW8270	SP3-1B	Soil	naphthalene	R	21-Jul-99	CTN	9907543
SW8270	SP3-1B	Soil	phenanthrene	R	21-Jul-99	CTN	9907543
SW8270	SP3-2-B	Soil	acenaphthene	R	21-Jul-99	CTN	9907543
SW8270	SP3-2-B	Soil	acenapthylene	R	21-Jul-99	CTN	9907543
SW8270	SP3-2-B	Soil	anthracene	R	21-Jul-99	CTN	9907543
SW8270	SP3-2-B	Soil	benzo(a)anthracene	R	21-Jul-99	CTN	9907543
SW8270	SP3-2-B	Soil	benzo(a)pyrene	R	21-Jul-99	CTN	9907543
SW8270	SP3-2-B	Soil	benzo(b)fluoranthene	R	21-Jul-99	CTN	9907543
SW8270	SP3-2-B	Soil	benzo(g,h,i)perylene	R	21-Jul-99	CTN	9907543
SW8270	SP3-2-B	Soil	benzo(k)fluoranthene	R	21-Jul-99	CTN	9907543
SW8270	SP3-2-B	Soil	chrysene	R	21-Jul-99	CTN	9907543

Table 5-25. Rejected Results for the Interim Investigation, May to July 1999
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EPA Method	Sample ID	Matrix	ANALYTE	Qualifier	Sampling Date	Lab Code	SDG
SW8270	SP3-2-B	Soil	dibenz(a,h)anthracene	R	21-Jul-99	CTN	9907543
SW8270	SP3-2-B	Soil	fluoranthene	R	21-Jul-99	CTN	9907543
SW8270	SP3-2-B	Soil	fluorene	R	21-Jul-99	CTN	9907543
SW8270	SP3-2-B	Soil	indeno(1,2,3-c,d)pyrene	R	21-Jul-99	CTN	9907543
SW8270	SP3-2-B	Soil	naphthalene	R	21-Jul-99	CTN	9907543
SW8270	SP3-2-B	Soil	phenanthrene	R	21-Jul-99	CTN	9907543
SW8270	SP3-2-B	Soil	pyrene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3-A	Soil	acenaphthene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3-A	Soil	acenapthylene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3-A	Soil	anthracene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3-A	Soil	benzo(a)anthracene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3-A	Soil	benzo(a)pyrene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3-A	Soil	benzo(b)fluoranthene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3-A	Soil	benzo(g,h,i)perylene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3-A	Soil	benzo(k)fluoranthene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3-A	Soil	chrysene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3-A	Soil	dibenz(a,h)anthracene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3-A	Soil	fluoranthene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3-A	Soil	fluorene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3-A	Soil	indeno(1,2,3-c,d)pyrene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3-A	Soil	naphthalene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3-A	Soil	phenanthrene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3-A	Soil	pyrene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3A	Soil	acenaphthene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3A	Soil	acenapthylene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3A	Soil	anthracene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3A	Soil	benzo(a)anthracene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3A	Soil	benzo(a)pyrene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3A	Soil	benzo(b)fluoranthene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3A	Soil	benzo(g,h,i)perylene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3A	Soil	benzo(k)fluoranthene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3A	Soil	chrysene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3A	Soil	dibenz(a,h)anthracene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3A	Soil	fluoranthene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3A	Soil	fluorene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3A	Soil	indeno(1,2,3-c,d)pyrene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3A	Soil	naphthalene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3A	Soil	phenanthrene	R	21-Jul-99	CTN	9907543
SW8270	SP3-3A	Soil	pyrene	R	21-Jul-99	CTN	9907543
SW8270	SP3-4-A	Soil	acenaphthene	R	21-Jul-99	CTN	9907543
SW8270	SP3-4-A	Soil	acenapthylene	R	21-Jul-99	CTN	9907543
SW8270	SP3-4-A	Soil	anthracene	R	21-Jul-99	CTN	9907543
SW8270	SP3-4-A	Soil	benzo(a)anthracene	R	21-Jul-99	CTN	9907543
SW8270	SP3-4-A	Soil	benzo(a)pyrene	R	21-Jul-99	CTN	9907543
SW8270	SP3-4-A	Soil	benzo(b)fluoranthene	R	21-Jul-99	CTN	9907543
SW8270	SP3-4-A	Soil	benzo(g,h,i)perylene	R	21-Jul-99	CTN	9907543

Table 5-25. Rejected Results for the Interim Investigation, May to July 1999
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EPA Method	Sample ID	Matrix	ANALYTE	Qualifier	Sampling Date	Lab Code	SDG
SW8270	SP3-4-A	Soil	benzo(k)fluoranthene	R	21-Jul-99	CTN	9907543
SW8270	SP3-4-A	Soil	chrysene	R	21-Jul-99	CTN	9907543
SW8270	SP3-4-A	Soil	dibenz(a,h)anthracene	R	21-Jul-99	CTN	9907543
SW8270	SP3-4-A	Soil	fluoranthene	R	21-Jul-99	CTN	9907543
SW8270	SP3-4-A	Soil	fluorene	R	21-Jul-99	CTN	9907543
SW8270	SP3-4-A	Soil	indeno(1,2,3-c,d)pyrene	R	21-Jul-99	CTN	9907543
SW8270	SP3-4-A	Soil	naphthalene	R	21-Jul-99	CTN	9907543
SW8270	SP3-4-A	Soil	phenanthrene	R	21-Jul-99	CTN	9907543
SW8270	SP3-4-A	Soil	pyrene	R	21-Jul-99	CTN	9907543

Table 5-26. Rejected Results for the Remedial Investigation, December 1999
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EPA Method	Sample ID	Matrix	ANALYTE	Qualifier	Sampling Date	Lab Code	SDG
SW8260B	TW-3	Groundwater	acetone	R	14-Dec-99	ONS	3F023
SW8260B	TW-3A	Groundwater	acetone	R	14-Dec-99	ONS	3F023
SW8260B	TW-4	Groundwater	acetone	R	14-Dec-99	ONS	3F023
SW8330	TW-12	Groundwater	amino-dnts	R	22-Dec-99	ONS	3F031
SW8330	TW-3	Groundwater	amino-dnts	R	14-Dec-99	ONS	3F023
SW8330	TW-3A	Groundwater	1,3,5-trinitrobenzene	R	14-Dec-99	ONS	3F023
SW8330	TW-3A	Groundwater	1,3-dinitrobenzene	R	14-Dec-99	ONS	3F023
SW8330	TW-3A	Groundwater	2,4,6-trinitrotoluene	R	14-Dec-99	ONS	3F023
SW8330	TW-3A	Groundwater	2,4-dinitrotoluene	R	14-Dec-99	ONS	3F023
SW8330	TW-3A	Groundwater	2,6-dinitrotoluene	R	14-Dec-99	ONS	3F023
SW8330	TW-3A	Groundwater	2-nitrotoluene	R	14-Dec-99	ONS	3F023
SW8330	TW-3A	Groundwater	3-nitrotoluene	R	14-Dec-99	ONS	3F023
SW8330	TW-3A	Groundwater	4-nitrotoluene	R	14-Dec-99	ONS	3F023
SW8330	TW-3A	Groundwater	amino-dnts	R	14-Dec-99	ONS	3F023
SW8330	TW-3A	Groundwater	RDX	R	14-Dec-99	ONS	3F023
SW8330	TW-3A	Groundwater	nitrobenzene	R	14-Dec-99	ONS	3F023
SW8330	TW-3A	Groundwater	HMX	R	14-Dec-99	ONS	3F023
SW8330	TW-3A	Groundwater	tetryl	R	14-Dec-99	ONS	3F023
SW8330M	TW-3	Groundwater	nitroglycerin	R	14-Dec-99	ONS	3F023
SW8330M	TW-3	Groundwater	PETN	R	14-Dec-99	ONS	3F023
SW8330M	TW-4	Groundwater	nitroglycerin	R	14-Dec-99	ONS	3F023
SW8330M	TW-4	Groundwater	PETN	R	14-Dec-99	ONS	3F023
SW6010B	WET-1	Sediment (Assoc. with WS)	antimony	R	23-Dec-99	QESS	G9L230278
SW6010B	WET-2	Sediment (Assoc. with WS)	antimony	R	23-Dec-99	QESS	G9L230278
SW6010B	WET-2A	Sediment (Assoc. with WS)	antimony	R	23-Dec-99	QESS	G9L230278
E300-NO2N	LB-3A/4.5	Soil	nitrogen, nitrite (as N)	R	18-Dec-99	QESS	G9L210200
SW6010B	FA-4/2.5	Soil	antimony	R	16-Dec-99	QESS	G9L170254
SW6010B	FA-4/3	Soil	antimony	R	16-Dec-99	QESS	G9L170254
SW6010B	FA-5/1	Soil	antimony	R	16-Dec-99	QESS	G9L170254
SW6010B	FA-5/5	Soil	antimony	R	16-Dec-99	QESS	G9L170254
SW6010B	FA-6/3	Soil	antimony	R	16-Dec-99	QESS	G9L170254
SW6010B	FA-6A/1.5	Soil	antimony	R	16-Dec-99	QESS	G9L170254
SW6010B	TW-11/16.5	Soil	antimony	R	15-Dec-99	QESS	G9L170254
SW8260B	AR-1/1	Soil	methylene chloride	R	11-Dec-99	ONS	3F021
SW8260B	AR-1/4	Soil	methylene chloride	R	11-Dec-99	ONS	3F021
SW8260B	AR-1/8	Soil	methylene chloride	R	11-Dec-99	ONS	3F021
SW8260B	AR-2/0.5	Soil	methylene chloride	R	11-Dec-99	ONS	3F021
SW8260B	AR-2/10	Soil	methylene chloride	R	11-Dec-99	ONS	3F021
SW8260B	AR-2/4	Soil	methylene chloride	R	11-Dec-99	ONS	3F021
SW8260B	AR-2/4.5	Soil	methylene chloride	R	11-Dec-99	ONS	3F021
SW8260B	AR-3/0.5	Soil	methylene chloride	R	10-Dec-99	ONS	3F020
SW8260B	AR-3/10	Soil	methylene chloride	R	10-Dec-99	ONS	3F020
SW8260B	AR-3/13	Soil	methylene chloride	R	11-Dec-99	ONS	3F021
SW8260B	AR-3/17.5	Soil	methylene chloride	R	11-Dec-99	ONS	3F021
SW8260B	TW-4/10	Soil	vinyl acetate	R	13-Dec-99	ONS	3F022
SW8260B	TW-8/15.5	Soil	methylene chloride	R	09-Dec-99	ONS	3F019
SW8290	TW-5/10.5	Soil	1,2,3,4,6,7,8-HpCDD	R	09-Dec-99	QESS	G9L110172
SW8290	TW-5/10.5	Soil	1,2,3,4,6,7,8-HpCDF	R	09-Dec-99	QESS	G9L110172
SW8290	TW-5/10.5	Soil	1,2,3,4,7,8,9-HpCDF	R	09-Dec-99	QESS	G9L110172
SW8290	TW-5/10.5	Soil	1,2,3,4,7,8-HxCDF	R	09-Dec-99	QESS	G9L110172
SW8290	TW-5/10.5	Soil	1,2,3,6,7,8-HxCDF	R	09-Dec-99	QESS	G9L110172
SW8290	TW-5/10.5	Soil	1,2,3,7,8,9-HxCDF	R	09-Dec-99	QESS	G9L110172
SW8290	TW-5/10.5	Soil	2,3,4,6,7,8-HxCDF	R	09-Dec-99	QESS	G9L110172
SW8290	TW-5/10.5	Soil	OCDD	R	09-Dec-99	QESS	G9L110172
SW8290	TW-5/10.5	Soil	OCDF	R	09-Dec-99	QESS	G9L110172

Table 5-26. Rejected Results for the Remedial Investigation, December 1999
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EPA Method	Sample ID	Matrix	ANALYTE	Qualifier	Sampling Date	Lab Code	SDG
SW8290	TW-5/5.5	Soil	1,2,3,4,6,7,8-HpCDD	R	09-Dec-99	QESS	G9L110172
SW8290	TW-5/5.5	Soil	1,2,3,4,6,7,8-HpCDF	R	09-Dec-99	QESS	G9L110172
SW8290	TW-5/5.5	Soil	1,2,3,4,7,8,9-HpCDF	R	09-Dec-99	QESS	G9L110172
SW8290	TW-5/5.5	Soil	1,2,3,4,7,8-HxCDF	R	09-Dec-99	QESS	G9L110172
SW8290	TW-5/5.5	Soil	1,2,3,6,7,8-HxCDF	R	09-Dec-99	QESS	G9L110172
SW8290	TW-5/5.5	Soil	1,2,3,7,8,9-HxCDF	R	09-Dec-99	QESS	G9L110172
SW8290	TW-5/5.5	Soil	2,3,4,6,7,8-HxCDF	R	09-Dec-99	QESS	G9L110172
SW8290	TW-5/5.5	Soil	OCDD	R	09-Dec-99	QESS	G9L110172
SW8290	TW-5/5.5	Soil	OCDF	R	09-Dec-99	QESS	G9L110172
SW8310	TW-8/15.5	Soil	acenaphthene	R	09-Dec-99	ONS	3F019
SW8310	TW-8/15.5	Soil	acenapthylene	R	09-Dec-99	ONS	3F019
SW8310	TW-8/15.5	Soil	fluoranthene	R	09-Dec-99	ONS	3F019
SW8310	TW-8/15.5	Soil	naphthalene	R	09-Dec-99	ONS	3F019
SW8310	TW-8/15.5	Soil	phenanthrene	R	09-Dec-99	ONS	3F019
SW8330	TNT-1C3A/1	Soil	2-amino-4,6-dinitrotoluene	R	04-Dec-99	QESS	G9L080262
SW8330	SW-1	Surface Water	3-nitrotoluene	R	23-Dec-99	ONS	3F032
SW8330	SW-1	Surface Water	amino-dnts	R	23-Dec-99	ONS	3F032
SW8330	SW-2	Surface Water	3-nitrotoluene	R	23-Dec-99	ONS	3F032
SW8330	SW-2	Surface Water	amino-dnts	R	23-Dec-99	ONS	3F032
SW8260B	TRIP BLANK 12/11/99B	Water QC Matrix	acetone	R	14-Dec-99	ONS	3F023
SW8260B	TW-4/K	Water QC Matrix	acetone	R	13-Dec-99	ONS	3F022
SW8330	DA3-3/K	Water QC Matrix	amino-dnts	R	17-Dec-99	ONS	3F026
SW8330	DA3-5/K	Water QC Matrix	amino-dnts	R	17-Dec-99	ONS	3F026
SW8330	HF-2/K	Water QC Matrix	amino-dnts	R	06-Dec-99	ONS	3F016
SW8330	HF-3/K	Water QC Matrix	amino-dnts	R	07-Dec-99	ONS	3F017
SW8330	RSP1/K2	Water QC Matrix	amino-dnts	R	06-Dec-99	ONS	3F016
SW8330	RSP5/K1	Water QC Matrix	amino-dnts	R	07-Dec-99	ONS	3F017
SW8330	SRC-1	Water QC Matrix	amino-dnts	R	21-Dec-99	ONS	3F031
SW8330	SRC-2	Water QC Matrix	amino-dnts	R	21-Dec-99	ONS	3F031
SW8330	TNT-1D/K	Water QC Matrix	amino-dnts	R	07-Dec-99	ONS	3F017
SW8330	TNT-1F3/K	Water QC Matrix	amino-dnts	R	06-Dec-99	ONS	3F016
SW8330	TNT-1N/K	Water QC Matrix	amino-dnts	R	19-Dec-99	ONS	3F029
SW8330	TNT-5A8/K	Water QC Matrix	amino-dnts	R	21-Dec-99	ONS	3F030
SW8330	TNT-5F/K	Water QC Matrix	amino-dnts	R	10-Dec-99	ONS	3F020
SW8330	TNT-5L/K	Water QC Matrix	amino-dnts	R	22-Dec-99	ONS	3F031
SW8330	TW-1/K	Water QC Matrix	amino-dnts	R	10-Dec-99	ONS	3F020
SW8330	TW-4/K	Water QC Matrix	amino-dnts	R	13-Dec-99	ONS	3F022
SW8330	TW-4/K1	Water QC Matrix	amino-dnts	R	14-Dec-99	ONS	3F023
SW8330	TW-7/K	Water QC Matrix	amino-dnts	R	11-Dec-99	ONS	3F021
SW8330	TW-8/K1	Water QC Matrix	amino-dnts	R	09-Dec-99	ONS	3F019
SW8330	TW-9/K1	Water QC Matrix	amino-dnts	R	10-Dec-99	ONS	3F020
SW8330M	TW-4/K	Water QC Matrix	PETN	R	13-Dec-99	ONS	3F022
SW8330M	TW-4/K1	Water QC Matrix	nitroglycerin	R	14-Dec-99	ONS	3F023
SW8330M	TW-4/K1	Water QC Matrix	PETN	R	14-Dec-99	ONS	3F023
SW8330M	TW-7/K	Water QC Matrix	PETN	R	11-Dec-99	ONS	3F021

Table 5-27. Rejected Results for the Data Gaps Investigation, February to August 2000
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EPA Method	Sample ID	Matrix	ANALYTE	Qualifier	Sampling Date	Lab Code	SDG
E300-NO2N	MW-6/0.5	Soil	nitrogen, nitrite (as N)	R	05-Apr-00	QESS	G0D060121
E300-NO2N	MW-6/1	Soil	nitrogen, nitrite (as N)	R	05-Apr-00	QESS	G0D060121
E300-NO2N	MW-6/10	Soil	nitrogen, nitrite (as N)	R	05-Apr-00	QESS	G0D060121
E300-NO2N	MW-6/15	Soil	nitrogen, nitrite (as N)	R	05-Apr-00	QESS	G0D060121
E300-NO2N	MW-6/20	Soil	nitrogen, nitrite (as N)	R	05-Apr-00	QESS	G0D060121
E300-NO2N	MW-6/4	Soil	nitrogen, nitrite (as N)	R	05-Apr-00	QESS	G0D060121
E300-NO3N	MW-6/0.5	Soil	nitrogen, nitrate (as N)	R	05-Apr-00	QESS	G0D060121
M8015B	MW-9/10	Soil	diesel fuel #2	R	25-Feb-00	QESS	G0D110256
M8015B	MW-9/10	Soil	motor oils	R	25-Feb-00	QESS	G0D110256
M8015B	MW-9/10	Soil	unknown extract. hydrocarbon	R	25-Feb-00	QESS	G0D110256
M8015B	MW-9/15	Soil	diesel fuel #2	R	25-Feb-00	QESS	G0D110256
M8015B	MW-9/15	Soil	motor oils	R	25-Feb-00	QESS	G0D110256
M8015B	MW-9/15	Soil	unknown extract. hydrocarbon	R	25-Feb-00	QESS	G0D110256
M8015B	MW-9/4	Soil	diesel fuel #2	R	25-Feb-00	QESS	G0D110256
M8015B	MW-9/4	Soil	motor oils	R	25-Feb-00	QESS	G0D110256
M8015B	MW-9/4	Soil	unknown extract. hydrocarbon	R	25-Feb-00	QESS	G0D110256
M8015B	TNT-1Q/1	Soil	diesel fuel #2	R	28-Mar-00	QESS	G0C300256
M8015B	TNT-1Q/1	Soil	kerosene	R	28-Mar-00	QESS	G0C300256
M8015B	TNT-1Q/1	Soil	motor oils	R	28-Mar-00	QESS	G0C300256
M8015B	TNT-2F/2	Soil	diesel fuel #2	R	28-Mar-00	QESS	G0C300256
M8015B	TNT-2F/2	Soil	kerosene	R	28-Mar-00	QESS	G0C300256
M8015B	TNT-2F/2	Soil	motor oils	R	28-Mar-00	QESS	G0C300256
SW8082	TNT-1P/0	Soil	PCB-1016 (Arochlor 1016)	R	27-Mar-00	QESS	G0D210210
SW8082	TNT-1P/0	Soil	PCB-1221 (Arochlor 1221)	R	27-Mar-00	QESS	G0D210210
SW8082	TNT-1P/0	Soil	PCB-1232 (Arochlor 1232)	R	27-Mar-00	QESS	G0D210210
SW8082	TNT-1P/0	Soil	PCB-1242 (Arochlor 1242)	R	27-Mar-00	QESS	G0D210210
SW8082	TNT-1P/0	Soil	PCB-1248 (Arochlor 1248)	R	27-Mar-00	QESS	G0D210210
SW8082	TNT-1P/0	Soil	PCB-1254 (Arochlor 1254)	R	27-Mar-00	QESS	G0D210210
SW8082	TNT-1P/0	Soil	PCB-1260 (Arochlor 1260)	R	27-Mar-00	QESS	G0D210210
SW8260B	MW-2/10	Soil	2-chloroethyl vinyl ether	R	22-Feb-00	QESS	G0B240168
SW8260B	MW-2/15	Soil	2-chloroethyl vinyl ether	R	22-Feb-00	QESS	G0B240168
SW8260B	MW-2/20	Soil	2-chloroethyl vinyl ether	R	22-Feb-00	QESS	G0B240168
SW8260B	MW-2/4	Soil	2-chloroethyl vinyl ether	R	22-Feb-00	QESS	G0B240168
SW8260B	MW-2/4.5	Soil	2-chloroethyl vinyl ether	R	22-Feb-00	QESS	G0B240168
SW8260B	MW-3A/10	Soil	2-chloroethyl vinyl ether	R	03-Apr-00	QESS	G0D040260
SW8260B	MW-3A/15	Soil	2-chloroethyl vinyl ether	R	03-Apr-00	QESS	G0D040260
SW8260B	MW-3A/20	Soil	2-chloroethyl vinyl ether	R	03-Apr-00	QESS	G0D040260
SW8260B	MW-3A/3.5	Soil	2-chloroethyl vinyl ether	R	03-Apr-00	QESS	G0D040260
SW8260B	MW-3A/5	Soil	2-chloroethyl vinyl ether	R	03-Apr-00	QESS	G0D040260
SW8260B	MW-3A/5.5	Soil	2-chloroethyl vinyl ether	R	03-Apr-00	QESS	G0D040260
SW8260B	MW-1	Groundwater	2-chloroethyl vinyl ether	R	11-Apr-00	QESS	G0D120283
SW8260B	MW-1/A	Groundwater	2-chloroethyl vinyl ether	R	11-Apr-00	QESS	G0D120283
SW8260B	MW-10	Groundwater	1,2-dibromo-3-chloropropane	R	20-Apr-00	QESS	G0D220129
SW8260B	MW-10	Groundwater	2-chloroethyl vinyl ether	R	20-Apr-00	QESS	G0D220129
SW8260B	MW-11	Groundwater	1,2-dibromo-3-chloropropane	R	20-Apr-00	QESS	G0D200312
SW8260B	MW-11	Groundwater	2-chloroethyl vinyl ether	R	20-Apr-00	QESS	G0D200312

Table 5-27. Rejected Results for the Data Gaps Investigation, February to August 2000
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EPA Method	Sample ID	Matrix	ANALYTE	Qualifier	Sampling Date	Lab Code	SDG
SW8260B	MW-13	Groundwater	2-chloroethyl vinyl ether	R	12-Apr-00	QESS	G0D130323
SW8260B	MW-14	Groundwater	2-chloroethyl vinyl ether	R	11-Apr-00	QESS	G0D120283
SW8260B	MW-15	Groundwater	2-chloroethyl vinyl ether	R	12-Apr-00	QESS	G0D130323
SW8260B	MW-2	Groundwater	2-chloroethyl vinyl ether	R	11-Apr-00	QESS	G0D120283
SW8260B	MW-3	Groundwater	2-chloroethyl vinyl ether	R	18-Apr-00	QESS	G0D200159
SW8260B	MW-3B	Groundwater	1,2-dibromo-3-chloropropane	R	24-Apr-00	QESS	G0D250199
SW8260B	MW-3B	Groundwater	2-chloroethyl vinyl ether	R	24-Apr-00	QESS	G0D250199
SW8260B	MW-4	Groundwater	1,2-dibromo-3-chloropropane	R	20-Apr-00	QESS	G0D200312
SW8260B	MW-4	Groundwater	2-chloroethyl vinyl ether	R	20-Apr-00	QESS	G0D200312
SW8260B	MW-4A	Groundwater	2-chloroethyl vinyl ether	R	18-Apr-00	QESS	G0D180262
SW8260B	MW-5	Groundwater	1,2-dibromo-3-chloropropane	R	19-Apr-00	QESS	G0D200312
SW8260B	MW-5	Groundwater	2-chloroethyl vinyl ether	R	19-Apr-00	QESS	G0D200312
SW8260B	MW-6	Groundwater	2-chloroethyl vinyl ether	R	12-Apr-00	QESS	G0D130323
SW8260B	MW-7	Groundwater	2-chloroethyl vinyl ether	R	11-Apr-00	QESS	G0D130323
SW8260B	MW-8	Groundwater	1,2-dibromo-3-chloropropane	R	11-Apr-00	QESS	G0D110255
SW8260B	MW-8	Groundwater	2-chloroethyl vinyl ether	R	11-Apr-00	QESS	G0D110255
SW8260B	MW-9	Groundwater	1,2-dibromo-3-chloropropane	R	11-Apr-00	QESS	G0D110255
SW8260B	MW-9	Groundwater	2-chloroethyl vinyl ether	R	11-Apr-00	QESS	G0D110255
SW8260B	NV-S1	Groundwater	1,2-dibromo-3-chloropropane	R	29-Mar-00	QESS	G0C300256
SW8260B	NV-S1	Groundwater	2-chloroethyl vinyl ether	R	29-Mar-00	QESS	G0C300256
SW8260B	NV-S2	Groundwater	1,2-dibromo-3-chloropropane	R	29-Mar-00	QESS	G0C300256
SW8260B	NV-S2	Groundwater	2-chloroethyl vinyl ether	R	29-Mar-00	QESS	G0C300256
SW8260B	NV-S2A	Groundwater	1,2-dibromo-3-chloropropane	R	29-Mar-00	QESS	G0C310244
SW8260B	NV-S2A	Groundwater	2-chloroethyl vinyl ether	R	29-Mar-00	QESS	G0C310244
SW8260B	NV-S3	Groundwater	2-chloroethyl vinyl ether	R	18-Apr-00	QESS	G0D200159
SW8260B	SV-S1	Groundwater	1,2-dibromo-3-chloropropane	R	29-Mar-00	QESS	G0C300256
SW8260B	SV-S1	Groundwater	2-chloroethyl vinyl ether	R	29-Mar-00	QESS	G0C300256
SW8260B	AR-12/K	Water QC Matrix	1,2-dibromo-3-chloropropane	R	30-Mar-00	QESS	G0C310244
SW8260B	AR-12/K	Water QC Matrix	2-chloroethyl vinyl ether	R	30-Mar-00	QESS	G0C310244
SW8260B	HF-6/K	Water QC Matrix	2-chloroethyl vinyl ether	R	07-Apr-00	QESS	G0D080146
SW8260B	HF-9/K	Water QC Matrix	1,2-dibromo-3-chloropropane	R	31-Mar-00	QESS	G0D010147
SW8260B	HF-9/K	Water QC Matrix	2-chloroethyl vinyl ether	R	31-Mar-00	QESS	G0D010147
SW8260B	MW-1/K	Water QC Matrix	2-chloroethyl vinyl ether	R	22-Feb-00	QESS	G0B240168
SW8260B	MW-1/K	Water QC Matrix	2-chloroethyl vinyl ether	R	23-Feb-00	QESS	G0B250230
SW8260B	MW-10/K	Water QC Matrix	1,2-dibromo-3-chloropropane	R	21-Apr-00	QESS	G0D220129
SW8260B	MW-10/K	Water QC Matrix	2-butanone	R	21-Apr-00	QESS	G0D220129
SW8260B	MW-10/K	Water QC Matrix	2-chloroethyl vinyl ether	R	21-Apr-00	QESS	G0D220129
SW8260B	MW-10/K	Water QC Matrix	2-hexanone	R	21-Apr-00	QESS	G0D220129
SW8260B	MW-10/K	Water QC Matrix	4-methyl-2-pentanone	R	21-Apr-00	QESS	G0D220129
SW8260B	MW-10/K	Water QC Matrix	acetone	R	21-Apr-00	QESS	G0D220129
SW8260B	MW-12/K	Water QC Matrix	1,2-dibromo-3-chloropropane	R	21-Apr-00	QESS	G0D220129
SW8260B	MW-12/K	Water QC Matrix	2-chloroethyl vinyl ether	R	21-Apr-00	QESS	G0D220129
SW8260B	MW-13/K	Water QC Matrix	1,2-dibromo-3-chloropropane	R	29-Mar-00	QESS	G0C300256
SW8260B	MW-13/K	Water QC Matrix	2-chloroethyl vinyl ether	R	29-Mar-00	QESS	G0C300256
SW8260B	MW-15/K	Water QC Matrix	1,2-dibromo-3-chloropropane	R	30-Mar-00	QESS	G0C310244
SW8260B	MW-15/K	Water QC Matrix	2-chloroethyl vinyl ether	R	30-Mar-00	QESS	G0C310244
SW8260B	MW-3A/K	Water QC Matrix	1,2-dibromo-3-chloropropane	R	03-Apr-00	QESS	G0D040260
SW8260B	MW-3A/K	Water QC Matrix	2-chloroethyl vinyl ether	R	03-Apr-00	QESS	G0D040260
SW8260B	MW-7/K	Water QC Matrix	2-chloroethyl vinyl ether	R	24-Feb-00	QESS	G0B260131
SW8260B	MW-9/K	Water QC Matrix	2-chloroethyl vinyl ether	R	25-Feb-00	QESS	G0B260131
SW8260B	SRC-3	Water QC Matrix	2-chloroethyl vinyl ether	R	23-Feb-00	QESS	G0B250230

Table 5-27. Rejected Results for the Data Gaps Investigation, February to August 2000
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EPA Method	Sample ID	Matrix	ANALYTE	Qualifier	Sampling Date	Lab Code	SDG
SW8260B	TB-04-18-00	Water QC Matrix	2-chloroethyl vinyl ether	R	18-Apr-00	QESS	G0D200159
SW8260B	TB-04-18-00A	Water QC Matrix	2-chloroethyl vinyl ether	R	18-Apr-00	QESS	G0D200159
SW8260B	TB-04-20-00	Water QC Matrix	1,2-dibromo-3-chloropropane	R	20-Apr-00	QESS	G0D200312
SW8260B	TB-04-20-00	Water QC Matrix	2-chloroethyl vinyl ether	R	20-Apr-00	QESS	G0D200312
SW8260B	TB-04-24-00	Water QC Matrix	1,2-dibromo-3-chloropropane	R	24-Apr-00	QESS	G0D250199
SW8260B	TB-04-24-00	Water QC Matrix	2-chloroethyl vinyl ether	R	24-Apr-00	QESS	G0D250199
SW8260B	TB032900	Water QC Matrix	1,2-dibromo-3-chloropropane	R	29-Mar-00	QESS	G0C300256
SW8260B	TB032900	Water QC Matrix	2-chloroethyl vinyl ether	R	29-Mar-00	QESS	G0C300256
SW8260B	TB032900B	Water QC Matrix	1,2-dibromo-3-chloropropane	R	29-Mar-00	QESS	G0C300256
SW8260B	TB032900B	Water QC Matrix	2-chloroethyl vinyl ether	R	29-Mar-00	QESS	G0C300256
SW8260B	TB033000B	Water QC Matrix	1,2-dibromo-3-chloropropane	R	30-Mar-00	QESS	G0C310244
SW8260B	TB033000B	Water QC Matrix	2-chloroethyl vinyl ether	R	30-Mar-00	QESS	G0C310244
SW8260B	TB033000C	Water QC Matrix	1,2-dibromo-3-chloropropane	R	30-Mar-00	QESS	G0C310244
SW8260B	TB033000C	Water QC Matrix	2-chloroethyl vinyl ether	R	30-Mar-00	QESS	G0C310244
SW8260B	TB033100A	Water QC Matrix	1,2-dibromo-3-chloropropane	R	31-Mar-00	QESS	G0D010147
SW8260B	TB033100A	Water QC Matrix	2-chloroethyl vinyl ether	R	31-Mar-00	QESS	G0D010147
SW8260B	TB033100B	Water QC Matrix	1,2-dibromo-3-chloropropane	R	31-Mar-00	QESS	G0D010147
SW8260B	TB033100B	Water QC Matrix	2-chloroethyl vinyl ether	R	31-Mar-00	QESS	G0D010147
SW8260B	TB04-14-00	Water QC Matrix	2-chloroethyl vinyl ether	R	14-Apr-00	QESS	G0D140298
SW8260B	TB04-18-00	Water QC Matrix	2-chloroethyl vinyl ether	R	18-Apr-00	QESS	G0D180262
SW8260B	TB04-20-00	Water QC Matrix	1,2-dibromo-3-chloropropane	R	20-Apr-00	QESS	G0D220129
SW8260B	TB04-20-00	Water QC Matrix	2-chloroethyl vinyl ether	R	20-Apr-00	QESS	G0D220129
SW8260B	TB040300A	Water QC Matrix	1,2-dibromo-3-chloropropane	R	03-Apr-00	QESS	G0D040260
SW8260B	TB040300A	Water QC Matrix	2-chloroethyl vinyl ether	R	03-Apr-00	QESS	G0D040260
SW8260B	TB040500A	Water QC Matrix	2-chloroethyl vinyl ether	R	05-Apr-00	QESS	G0D060121
SW8260B	TB040600A	Water QC Matrix	1,2-dibromo-3-chloropropane	R	06-Apr-00	QESS	G0D070177
SW8260B	TB040600A	Water QC Matrix	2-chloroethyl vinyl ether	R	06-Apr-00	QESS	G0D070177
SW8260B	TB040600B	Water QC Matrix	1,2-dibromo-3-chloropropane	R	06-Apr-00	QESS	G0D070177
SW8260B	TB040600B	Water QC Matrix	2-chloroethyl vinyl ether	R	06-Apr-00	QESS	G0D070177
SW8260B	TB040600C	Water QC Matrix	1,2-dibromo-3-chloropropane	R	06-Apr-00	QESS	G0D070177
SW8260B	TB040600C	Water QC Matrix	2-chloroethyl vinyl ether	R	06-Apr-00	QESS	G0D070177
SW8260B	TB4-11-00	Water QC Matrix	1,2-dibromo-3-chloropropane	R	11-Apr-00	QESS	G0D110255
SW8260B	TB4-11-00	Water QC Matrix	2-chloroethyl vinyl ether	R	11-Apr-00	QESS	G0D110255
SW8260B	TB4-11-00	Water QC Matrix	2-chloroethyl vinyl ether	R	11-Apr-00	QESS	G0D120283
SW8260B	TB4-12-00	Water QC Matrix	2-chloroethyl vinyl ether	R	12-Apr-00	QESS	G0D130323
SW8260B	TB4-13-00	Water QC Matrix	2-chloroethyl vinyl ether	R	13-Apr-00	QESS	G0D130323
SW8260B	TRIP BLANK	Water QC Matrix	2-chloroethyl vinyl ether	R	07-Apr-00	QESS	G0D080146
SW8260B	TRIP BLANK 2-22-00	Water QC Matrix	2-chloroethyl vinyl ether	R	22-Feb-00	QESS	G0B240168
SW8260B	TRIP BLANK 2-23-00	Water QC Matrix	2-chloroethyl vinyl ether	R	23-Feb-00	QESS	G0B250230
SW8260B	TRIP BLANK 2-24-00	Water QC Matrix	2-chloroethyl vinyl ether	R	24-Feb-00	QESS	G0B250230
SW8260B	TRIP BLANK 2-25-00	Water QC Matrix	2-chloroethyl vinyl ether	R	25-Feb-00	QESS	G0B260131
SW8260B	WAT-3	Water QC Matrix	1,2-dibromo-3-chloropropane	R	06-Apr-00	QESS	G0D070177
SW8260B	WAT-3	Water QC Matrix	2-chloroethyl vinyl ether	R	06-Apr-00	QESS	G0D070177
SW8260B	WAT-4	Water QC Matrix	2-chloroethyl vinyl ether	R	06-Apr-00	QESS	G0D070177
SW8270C	SP1-R1/0.5	Soil	benzidine	R	20-Apr-00	QESS	G0D220129
SW8270C	SP2-R1/0.5	Soil	benzidine	R	20-Apr-00	QESS	G0D220129
SW8270C	SP2-R2/0.5	Soil	benzidine	R	20-Apr-00	QESS	G0D220129
SW8270C	SP3-R1/0.5	Soil	benzidine	R	21-Apr-00	QESS	G0D220130
SW8270C	SP3-R1/0.5	Soil	benzoic acid	R	21-Apr-00	QESS	G0D220130
SW8270C	SP3-R2/0.5	Soil	benzidine	R	21-Apr-00	QESS	G0D220130

Table 5-28. Rejected Results for the Removal Action Investigation, May/June 2000
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EPA Method	Sample ID	Matrix	ANALYTE	Qualifier	Sampling Date	Lab Code	SDG
E300-NO2N	LFM-4	Soil	nitrogen, nitrite (as N)	UR	01-Jun-00	QESS	G0F010290
E300-NO2N	LFM-2	Soil	nitrogen, nitrite (as N)	UR	01-Jun-00	QESS	G0F010290
M8015B	EB-6-01	Water QC Matrix	unknown extract. hydrocarbon	UR	01-Jun-00	QESS	G0F010290
M8015B	EB-6-01	Water QC Matrix	motor oils	UR	01-Jun-00	QESS	G0F010290
M8015B	EB-6-01	Water QC Matrix	diesel fuel #2	UR	01-Jun-00	QESS	G0F010290
M8015B	EB-6-01	Water QC Matrix	kerosene	UR	01-Jun-00	QESS	G0F010290
SW6010B	LFP-11-S2/5	Soil	antimony	UR	01-Jun-00	QESS	G0F010290
SW6010B	LFP-1-S1/6.5	Soil	antimony	UR	31-May-00	QESS	G0F010289
SW6010B	LFM-2	Soil	antimony	UR	01-Jun-00	QESS	G0F010290
SW6010B	LFM-1	Soil	antimony	UR	01-Jun-00	QESS	G0F010290
SW6010B	LFP-27-S1/1	Soil	antimony	UR	01-Jun-00	QESS	G0F010290
SW6010B	LFP-11-S1/3	Soil	antimony	UR	01-Jun-00	QESS	G0F010290
SW6010B	LFP-10-S2/6.5	Soil	antimony	UR	01-Jun-00	QESS	G0F010290
SW6010B	LFP-5-S1/2.5	Soil	antimony	UR	31-May-00	QESS	G0F010289
SW6010B	LFP-1-S2/8.5	Soil	antimony	UR	31-May-00	QESS	G0F010289
SW6010B	LFP-3-S1/4.5	Soil	antimony	UR	31-May-00	QESS	G0F010289
SW6010B	LFP-27-S2/3	Soil	antimony	UR	01-Jun-00	QESS	G0F010290
SW6010B	LFP-9-S1/3.5	Soil	antimony	UR	31-May-00	QESS	G0F010289
SW6010B	LFP-10-S1/4.5	Soil	antimony	UR	01-Jun-00	QESS	G0F010290
SW6010B	LFP-5-S2/4.5	Soil	antimony	UR	31-May-00	QESS	G0F010289
SW6010B	LFP-7-S1/2.5	Soil	antimony	UR	31-May-00	QESS	G0F010289
SW6010B	LFP-7-S2/4.5	Soil	antimony	UR	31-May-00	QESS	G0F010289
SW6010B	LFP-29-S2/2	Soil	antimony	UR	31-May-00	QESS	G0F010289
SW6010B	LFP-29-S1/2.5	Soil	antimony	UR	31-May-00	QESS	G0F010289
SW6010B	LFP-24-S1/8	Soil	antimony	UR	31-May-00	QESS	G0F010289
SW6010B	LFP-24-S1A/8	Soil	antimony	UR	31-May-00	QESS	G0F010289
SW6010B	LFP-3-S2/6.5	Soil	antimony	UR	31-May-00	QESS	G0F010289
SW8081A	EB-6-01	Water QC Matrix	endosulfan sulfate	UR	01-Jun-00	QESS	G0F010290
SW8081A	EB-6-01	Water QC Matrix	aldrin	UR	01-Jun-00	QESS	G0F010290
SW8081A	EB-6-01	Water QC Matrix	methoxychlor	UR	01-Jun-00	QESS	G0F010290
SW8081A	EB-6-01	Water QC Matrix	heptachlor	UR	01-Jun-00	QESS	G0F010290
SW8081A	EB-6-01	Water QC Matrix	heptachlor epoxide	UR	01-Jun-00	QESS	G0F010290
SW8081A	EB-6-01	Water QC Matrix	endrin ketone	UR	01-Jun-00	QESS	G0F010290
SW8081A	EB-6-01	Water QC Matrix	endrin aldehyde	UR	01-Jun-00	QESS	G0F010290
SW8081A	EB-6-01	Water QC Matrix	endrin	UR	01-Jun-00	QESS	G0F010290
SW8081A	EB-6-01	Water QC Matrix	beta endosulfan	UR	01-Jun-00	QESS	G0F010290
SW8081A	EB-6-01	Water QC Matrix	alpha endosulfan	UR	01-Jun-00	QESS	G0F010290
SW8081A	EB-6-01	Water QC Matrix	dieldrin	UR	01-Jun-00	QESS	G0F010290
SW8081A	EB-6-01	Water QC Matrix	p,p'-DDT	UR	01-Jun-00	QESS	G0F010290
SW8081A	EB-6-01	Water QC Matrix	p,p'-DDE	UR	01-Jun-00	QESS	G0F010290
SW8081A	EB-6-01	Water QC Matrix	p,p'-DDD	UR	01-Jun-00	QESS	G0F010290
SW8081A	EB-6-01	Water QC Matrix	gamma-chlordane	UR	01-Jun-00	QESS	G0F010290
SW8081A	EB-6-01	Water QC Matrix	alpha-chlordane	UR	01-Jun-00	QESS	G0F010290
SW8081A	EB-6-01	Water QC Matrix	gamma BHC (lindane)	UR	01-Jun-00	QESS	G0F010290
SW8081A	EB-6-01	Water QC Matrix	delta BHC	UR	01-Jun-00	QESS	G0F010290
SW8081A	EB-6-01	Water QC Matrix	alpha BHC	UR	01-Jun-00	QESS	G0F010290
SW8081A	EB-6-01	Water QC Matrix	toxaphene	UR	01-Jun-00	QESS	G0F010290

Table 5-28. Rejected Results for the Removal Action Investigation, May/June 2000
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EPA Method	Sample ID	Matrix	ANALYTE	Qualifier	Sampling Date	Lab Code	SDG
SW8081A	EB-6-01	Water QC Matrix	beta BHC	UR	01-Jun-00	QESS	G0F010290
SW8082	EB-6-01	Water QC Matrix	PCB-1260 (Arochlor 1260)	UR	01-Jun-00	QESS	G0F010290
SW8082	EB-6-01	Water QC Matrix	PCB-1254 (Arochlor 1254)	UR	01-Jun-00	QESS	G0F010290
SW8082	EB-6-01	Water QC Matrix	PCB-1248 (Arochlor 1248)	UR	01-Jun-00	QESS	G0F010290
SW8082	EB-6-01	Water QC Matrix	PCB-1242 (Arochlor 1242)	UR	01-Jun-00	QESS	G0F010290
SW8082	EB-6-01	Water QC Matrix	PCB-1232 (Arochlor 1232)	UR	01-Jun-00	QESS	G0F010290
SW8082	EB-6-01	Water QC Matrix	PCB-1221 (Arochlor 1221)	UR	01-Jun-00	QESS	G0F010290
SW8082	EB-6-01	Water QC Matrix	PCB-1016 (Arochlor 1016)	UR	01-Jun-00	QESS	G0F010290
SW8260B	LFP-20-S1/2	Soil	2-chloroethyl vinyl ether	UR	30-May-00	QESS	G0E310175
SW8260B	LFP-22-S1/2	Soil	2-chloroethyl vinyl ether	UR	30-May-00	QESS	G0E310175
SW8260B	LFP-20-S2/4	Soil	2-chloroethyl vinyl ether	UR	30-May-00	QESS	G0E310175
SW8260B	EB-6-01	Water QC Matrix	xylene (m,p)	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	isopropylbenzene (cumene)	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	2-hexanone	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	1,3-dichloropropane	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	p-cymene (p-isopropyltoluene)	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	dichlorodifluoromethane	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	trichlorofluoromethane	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	ethylene dibromide	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	ethylbenzene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	2,2-dichloropropane	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	vinyl acetate	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	vinyl chloride	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	2-butanone	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	1,1,1,2-tetrachloroethane	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	tert-butyl methyl ether	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	bromoform	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	styrene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	tetrachloroethene (PCE)	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	1,1,2,2-tetrachloroethane	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	n-propylbenzene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	1,3,5-trimethylbenzene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	4-methyl-2-pentanone	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	1,2,4-trimethylbenzene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	1,1,1-trichloroethane	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	1,1,2-trichloroethane	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	1,2,3-trichlorobenzene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	1,2,4-trichlorobenzene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	trichloroethene (TCE)	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	chloroform	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	1,2,3-trichloropropane	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	Freon 113	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	naphthalene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	chloroethane	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	bromobenzene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	bromomethane	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	n-butylbenzene	UR	01-Jun-00	QESS	G0F010290

Table 5-28. Rejected Results for the Removal Action Investigation, May/June 2000
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EPA Method	Sample ID	Matrix	ANALYTE	Qualifier	Sampling Date	Lab Code	SDG
SW8260B	EB-6-01	Water QC Matrix	sec-butylbenzene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	t-butylbenzene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	1,2-dichloropropane	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	acetone	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	hexachlorobutadiene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	bromodichloromethane	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	4-chlorotoluene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	2-chlorotoluene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	chlorobenzene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	2-chloroethyl vinyl ether	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	carbon disulfide	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	toluene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	benzene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	chloromethane	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	1,3-dichlorobenzene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	trans-1,3-dichloropropene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	cis-1,3-dichloropropene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	1,1-dichloropropene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	trans-1,2-dichloroethene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	carbon tetrachloride	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	cis-1,2-dichloroethene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	bromochloromethane	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	1,4-dichlorobenzene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	1,2-dichlorobenzene	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	1,2-dichloroethane	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	xylene (o)	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	1,1-dichloroethane	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	dibromomethane	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	1,2-dibromo-3-chloropropane	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	dibromochloromethane	UR	01-Jun-00	QESS	G0F010290
SW8260B	EB-6-01	Water QC Matrix	1,1-dichloroethene	UR	01-Jun-00	QESS	G0F010290
SW8270	EB-6-01	Water QC Matrix	chloropicrin	UR	01-Jun-00	QESS	G0F010290
SW8290	EB-6-01	Water QC Matrix	1,2,3,4,7,8,9-HpCDF	UR	01-Jun-00	QESS	G0F010290
SW8290	EB-6-01	Water QC Matrix	2,3,7,8-TCDF	UR	01-Jun-00	QESS	G0F010290
SW8290	EB-6-01	Water QC Matrix	1,2,3,4,6,7,8-HpCDD	UR	01-Jun-00	QESS	G0F010290
SW8290	EB-6-01	Water QC Matrix	1,2,3,4,6,7,8-HpCDF	UR	01-Jun-00	QESS	G0F010290
SW8290	EB-6-01	Water QC Matrix	1,2,3,4,7,8-HxCDD	UR	01-Jun-00	QESS	G0F010290
SW8290	EB-6-01	Water QC Matrix	1,2,3,6,7,8-HxCDD	UR	01-Jun-00	QESS	G0F010290
SW8290	EB-6-01	Water QC Matrix	1,2,3,7,8,9-HxCDD	UR	01-Jun-00	QESS	G0F010290
SW8290	EB-6-01	Water QC Matrix	1,2,3,4,7,8-HxCDF	UR	01-Jun-00	QESS	G0F010290
SW8290	EB-6-01	Water QC Matrix	1,2,3,6,7,8-HxCDF	UR	01-Jun-00	QESS	G0F010290
SW8290	EB-6-01	Water QC Matrix	1,2,3,7,8,9-HxCDF	UR	01-Jun-00	QESS	G0F010290
SW8290	EB-6-01	Water QC Matrix	2,3,4,6,7,8-HxCDF	UR	01-Jun-00	QESS	G0F010290
SW8290	EB-6-01	Water QC Matrix	OCDD	UR	01-Jun-00	QESS	G0F010290
SW8290	EB-6-01	Water QC Matrix	OCDF	UR	01-Jun-00	QESS	G0F010290
SW8290	EB-6-01	Water QC Matrix	1,2,3,7,8-PeCDD	UR	01-Jun-00	QESS	G0F010290
SW8290	EB-6-01	Water QC Matrix	1,2,3,7,8-PeCDF	UR	01-Jun-00	QESS	G0F010290
SW8290	EB-6-01	Water QC Matrix	2,3,7,8-TCDD	UR	01-Jun-00	QESS	G0F010290

Table 5-28. Rejected Results for the Removal Action Investigation, May/June 2000
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EPA Method	Sample ID	Matrix	ANALYTE	Qualifier	Sampling Date	Lab Code	SDG
SW8290	EB-6-01	Water QC Matrix	2,3,4,7,8-PeCDF	UR	01-Jun-00	QESS	G0F010290
SW8310	EB-6-01	Water QC Matrix	naphthalene	UR	01-Jun-00	QESS	G0F010290
SW8310	EB-6-01	Water QC Matrix	acenaphthene	UR	01-Jun-00	QESS	G0F010290
SW8310	EB-6-01	Water QC Matrix	acenapthylene	UR	01-Jun-00	QESS	G0F010290
SW8310	EB-6-01	Water QC Matrix	anthracene	UR	01-Jun-00	QESS	G0F010290
SW8310	EB-6-01	Water QC Matrix	benzo(a)anthracene	UR	01-Jun-00	QESS	G0F010290
SW8310	EB-6-01	Water QC Matrix	benzo(a)pyrene	UR	01-Jun-00	QESS	G0F010290
SW8310	EB-6-01	Water QC Matrix	benzo(b)fluoranthene	UR	01-Jun-00	QESS	G0F010290
SW8310	EB-6-01	Water QC Matrix	benzo(g,h,i)perylene	UR	01-Jun-00	QESS	G0F010290
SW8310	EB-6-01	Water QC Matrix	benzo(k)fluoranthene	UR	01-Jun-00	QESS	G0F010290
SW8310	EB-6-01	Water QC Matrix	chrysene	UR	01-Jun-00	QESS	G0F010290
SW8310	EB-6-01	Water QC Matrix	dibenz(a,h)anthracene	UR	01-Jun-00	QESS	G0F010290
SW8310	EB-6-01	Water QC Matrix	fluorene	UR	01-Jun-00	QESS	G0F010290
SW8310	EB-6-01	Water QC Matrix	indeno(1,2,3-c,d)pyrene	UR	01-Jun-00	QESS	G0F010290
SW8310	EB-6-01	Water QC Matrix	phenanthrene	UR	01-Jun-00	QESS	G0F010290
SW8310	EB-6-01	Water QC Matrix	pyrene	UR	01-Jun-00	QESS	G0F010290
SW8310	EB-6-01	Water QC Matrix	fluoranthene	UR	01-Jun-00	QESS	G0F010290

Table 5-29. Summary of Field Parameters

Well ID	pH			Electrical Conductivity			Temperature			Turbidity		
	Dec 99	Apr 00	Aug 00	Dec 99	Apr 00	Aug 00	Dec 99	Apr 00	Aug 00	Dec 99	Apr 00	Aug 00
NORTH VALLEY												
MW-1	-	7.32	7.60	-	1200	1542	-	19.7	19.5	-	158.6	32
MW-2	-	7.36	7.51	-	825	904	-	17.0	18.1	-	91.6	36
MW-3 (TW-3)	7.77	7.24	7.50	600	1000	1103	16.6	17.0	18.1	>1000	60.2	99
MW-3A*	-	12.04*	-	-	1600	-	-	19.4	-	-	109.4	-
MW-3B	-	7.19	7.54	-	790	868	-	19.2	18.9	-	16.3	15
MW-4 (TW-4)	7.66	7.13	7.23	950	900	1070	17.9	17.0	18.7	>1000	84.0	29
MW-4A	-	8.52	8.04	-	700	941	-	19.5	18.7	-	625	17
MW-5	-	7.43	Dry	-	1500	Dry	-	17.1	Dry	-	32.3	Dry
MW-6	-	7.17	7.37	-	1100	1096	-	18.4	20.2	-	NM	660
MW-7	-	7.19	Dry	-	5500	Dry	-	17.1	Dry	-	28.7	Dry
MW-8	-	7.21	7.79	-	1490	1355	-	16.9	19.5	-	121.7	147
MW-9	-	7.06	7.84	-	1300	1198	-	17.0	18.0	-	34.5	283
MW-13	-	7.44	Dry	-	1200	Dry	-	19.3	Dry	-	44.8	Dry
MW-14	-	7.28	7.39	-	775	815	-	20.7	19.2	-	43.1	62
MW-15	-	7.23	Dry	-	1075	Dry	-	19.5	Dry	-	86.1	Dry
SOUTH VALLEY												
MW-10	-	6.88	7.34	-	1400	1585	-	16.4	20.1	-	15.6	39
MW-11	-	7.21	7.40	-	1000	1070	-	15.7	16.9	-	1090	531
MW-12 (TW-12)	8.26	7.47	7.70	600	925	933	18.5	18.9	19.7	>1000	273	845

Notes:
NM = Not measured
Dry = Well dry or insufficient water for groundwater sample collection
pH measured in pH units
Electrical conductivity measured in micromhos per centimeter (µmhos/cm)
Temperature measured in degrees Celsius (°C)
Turbidity measured in Nephelometric Turbidity Units (NTUs)
* Well impacted by cement grout, no groundwater samples collected

Table 6-1.
Ambient Metals Concentrations of the Tourtelot Project Site Soil Data Set
~~95th Percentile Calculated Values~~
(Page 1 of 3)

Ambient Sample Location	Al	Sb	As	Ba	Be	Cd	Ca	Cr	Co
NO-19	23600	0.99	13.1	394	0.6	***0.27***	3110	49	20.1
NO-27	16500	0.95	13.5	223	0.34	***0.275***	3590	30.1	12
NO-38	21000	1.3	16.8	346	0.47	***0.275***	3950	44.1	17.7
NO-44	21500	1.1	14.1	237	0.56	0.5	4940	47.8	18.1
NO-50	24100	1.4	15.1	324	0.66	0.68	3120	51.2	21.9
NO-68	20800	0.99	9.9	198	0.5	***0.255***	5120	40.9	14.7
NO-89	17900	1.5	14.9	183	0.53	1.1	2290	40.6	16.4
NO-99	27300	1.7	18.5	287	0.82	0.83	2570	61.5	21.3
NO-100	22300	1.9	16.3	279	0.72	1	2640	49	20.8
NO-118	27400	1.6	14.5	290	0.71	***0.305***	3340	57.4	23.3
NO-129	25700	2.2	18.2	482	0.69	1.4	3710	63	23.1
NO-132	22000	2.3	16.4	260	0.58	1.4	3030	42.7	20.3
NO-146	19500	2.4	17.4	206	0.43	1.3	3200	40.1	12.4
NO-170	21200	1.3	15.4	213	0.56	***0.25***	3220	42.6	15.7
NO-173	30100	0.31	17.8	446	0.86	0.78	3850	63.8	21
NO-179	26600	1.5	17.9	335	0.82	1.2	3270	59.5	22.3
NO-184	25500	1.3	14	371	0.64	***0.27***	3880	47.1	17.4
NO-210	19600	1.5	16.4	276	0.52	0.97	3860	41.5	16.9
NO-238	26000	1.2	16.3	405	0.69	***0.265***	5640	54.1	19.3
NO-241	24200	1.2	13.4	327	0.53	***0.26***	5930	48.6	19
Number of Samples	20	20	20	20	20	20	20	20	20
Number of "Non-Detects"	0	0	0	0	0	9	0	0	0
Percent Detected	100%	100%	100%	100%	100%	55%	100%	100%	100%
95th Percentile	27535	2.31	18.2	448	0.82	1.40	5655	63.0	23.1
Mean	23140	1.43	15.5	304	0.61	0.68	3713	48.7	18.7
Std. Dev.	3511	0.50	2.1	84.9	0.14	0.44	994	8.9	3.3

NOTES: 1. NC = not calculated due to the high rate of non-detected values
2. Values in **BOLD** are 1/2 of the analytical detection limit for samples with non-detected values.

Table 6-1.
Ambient Metals Concentrations of the Tourtelot Project Site Soil Data Set
95th Percentile Calculated Values
(Page 2 of 3)

Ambient Sample Location	Cu	Fe	Pb	Mg	Mn	Hg	Mo	Ni	P
NO-19	53.6	41600	21	6100	1090	0.048	**0.415**	45.2	292
NO-27	31.9	31300	23.6	3570	739	0.075	**0.47**	21.7	458
NO-38	35.9	42300	17	4250	1260	0.062	**0.35**	29.1	434
NO-44	52.9	38800	16.1	7480	850	0.038	**0.285**	47.7	319
NO-50	62	39400	31.5	6100	1390	0.11	**0.365**	49	308
NO-68	46	34200	20.4	7270	699	0.037	**0.345**	35.5	301
NO-89	44	29400	67.8	3980	1330	0.17	**0.325**	38.3	365
NO-99	71.7	42200	36.4	7390	1540	0.21	**0.46**	64.1	286
NO-100	56.4	34300	65.7	6020	1730	0.18	**0.425**	52.2	355
NO-118	70.1	40300	34	7030	1310	0.09	**0.355**	55.8	341
NO-129	72.1	43900	52.8	6830	1640	0.2	**0.41**	64,8	460
NO-132	56.9	35900	74.8	5160	1280	0.26	**0.33**	42.3	401
NO-146	52.1	32200	69.6	4880	699	0.27	**0.5**	35.8	434
NO-170	48	39700	30.5	4760	773	0.081	**0.65**	32.7	261
NO-173	70.1	43700	43.1	7110	1320	0.12	**0.335**	67.9	297
NO-179	68.5	40900	49.6	6250	1630	0.16	**0.375**	53.6	260
NO-184	54	36300	31.1	5080	1160	0.1	**0.365**	44.7	249
NO-210	49.2	37500	51.2	5180	1090	0.17	**0.43**	38.4	318
NO-238	60.2	43800	22	6210	1050	0.057	**0.39**	52	280
NO-241	56.4	41800	14.8	6880	952	0.018	**0.39**	51	428
Number of Samples	20	20	20	20	20	20	20	20	20
Number of "Non-Detects"	0	0	0	0	0	0	20	0	0
Percent Detected	100%	100%	100%	100%	100%	100%	0%	100%	100%
95th Percentile	71.7	43805	69.9	7395	1645	0.26	NC	65.0	458
Mean	55.6	38475	38.7	5877	1177	0.12	NC	46.1	342
Std. Dev.	11.4	4397	19.5	1200	323	0.08	NC	12.2	70.1

NOTES: 1. NC = not calculated due to the high rate of non-detected values
2. Values in **BOLD** are 1/2 of the analytical detection limit for samples with non-detected values.

Table 6-1.
Ambient Metals Concentrations of the Tourtelot Project Site Soil Data Set
95th Percentile Calculated Values
(Page 3 of 3)

Ambient Sample Location	K	Se	Ag	Na	Tl	V	Zn
NO-19	2870	**0.18**	**0.125**	95.3	**0.24**	88.6	79.9
NO-27	2330	**0.18**	**0.125**	109	**0.24**	78.8	63
NO-38	2780	**0.18**	**0.125**	93.9	**0.245**	113	68.3
NO-44	2250	**0.16**	**0.11**	162	**0.22**	74	84.9
NO-50	3020	**0.18**	**0.125**	109	**0.24**	82.3	89.2
NO-68	2950	**0.17**	**0.115**	169	**0.23**	75.3	70.2
NO-89	2090	**0.185**	**0.125**	109	**0.25**	67	76.1
NO-99	3250	**0.185**	**0.125**	99.4	**0.25**	83.6	103
NO-100	3160	**0.19**	**0.135**	116	**0.26**	70.5	105
NO-118	3910	**0.2**	**0.14**	122	**0.27**	80.8	91.3
NO-129	4550	**0.18**	**0.125**	92.4	**0.24**	87.7	123
NO-132	2800	**0.19**	**0.13**	87.5	**0.25**	77.7	103
NO-146	2970	**0.19**	**0.13**	98.2	**0.255**	70.4	103
NO-170	2160	**0.165**	**0.115**	108	**0.225**	90.5	77
NO-173	2940	0.89	**0.13**	113	**0.255**	93.2	96.1
NO-179	3380	0.44	**0.125**	112	**0.25**	84	102
NO-184	2280	**0.175**	**0.12**	161	**0.24**	85.2	75.2
NO-210	2850	**0.17**	**0.115**	85.9	**0.225**	85.8	93.3
NO-238	3110	0.45	**0.12**	121	**0.235**	95.5	86.8
NO-241	3310	**0.175**	**0.12**	168	**0.23**	79.9	89.8
Number of Samples	20	20	20	20	20	20	20
Number of "Non-Detects"	0	17	20	0	20	0	0
Percent Detected	100%	15%	0%	100%	0%	100%	100%
95th Percentile	3942	NC	NC	168	NC	96.4	106
Mean	2948	NC	NC	117	NC	83.2	89.0
Std. Dev.	595	NC	NC	26.9	NC	10.4	15.1

NOTES: 1. NC = not calculated due to the high rate of non-detected values
2. Values in **BOLD** are 1/2 of the analytical detection limit for samples with non-detected values.

Table 6-2.
Soil Samples Exceeding the 95th Percentile of the Ambient Soil Data Set, by Area of Interest
(Page 1 of 10)

Parameter	95th Percentile[1] (mg/kg)	Area of Interest[2]	Sample ID	Result (mg/kg)
antimony	2.31	Ambient	NO-146	2.4
arsenic	18.2	Ambient	NO-99	18.5
barium	448	Ambient	NO-129	482
beryllium	0.82	Ambient	NO-173	0.86
chromium, total	63	Ambient	NO-173	63.8
cobalt	23.1	Ambient	NO-118	23.3
copper	71.7	Ambient	NO-129	72.1
iron	43,805	Ambient	NO-129	43900
lead	69.9	Ambient	NO-132	74.8
manganese	1,645	Ambient	NO-100	1730
mercury	0.26	Ambient	NO-146	0.27
nickel	65.0	Ambient	NO-173	67.9
phosphorus, total (as P)	458	Ambient	NO-129	460
vanadium	96.4	Ambient	NO-38	113
zinc	106	Ambient	NO-129	123
aluminum	27,535	AR/PD Site	SP2-C	28100
arsenic	18.2	AR/PD Site	AR-2/5.5	27.1
arsenic	18.2	AR/PD Site	AR-4/4.5	24.4
arsenic	18.2	AR/PD Site	AR-3/18	21.9
barium	448	AR/PD Site	AR-2/10.5	865
barium	448	AR/PD Site	AR-1/4.5	516
barium	448	AR/PD Site	AR-2/5.5	467
chromium, total	63	AR/PD Site	SP1-C	64.6
cobalt	23.1	AR/PD Site	AR-2/5.5	45.7
cobalt	23.1	AR/PD Site	AR-1/4.5	32.1
cobalt	23.1	AR/PD Site	AR-1A/1.0	31.4
cobalt	23.1	AR/PD Site	AR-2/10.5	28.8
cobalt	23.1	AR/PD Site	AR-1A/0.5	24.7
copper	71.7	AR/PD Site	AR-4/30.5	77.8
copper	71.7	AR/PD Site	AR-2/5	76.5
copper	71.7	AR/PD Site	AR-4/25.5	72.7
iron	43,805	AR/PD Site	SP1-C	55200
iron	43,805	AR/PD Site	AR-4/30.5	48200
iron	43,805	AR/PD Site	AR-4/11	44200
iron	43,805	AR/PD Site	SP1A1	44000
lead	69.9	AR/PD Site	AR-1A/0.5	135
lead	69.9	AR/PD Site	SP2B1	82
manganese	1,645	AR/PD Site	AR-1/4.5	4340
manganese	1,645	AR/PD Site	AR-4/4.5	4100
manganese	1,645	AR/PD Site	AR-1A/1.0	2690
manganese	1,645	AR/PD Site	AR-3/4.5	1770
nickel	65.0	AR/PD Site	AR-1/4.5	129
nickel	65.0	AR/PD Site	AR-2/5.5	106
nickel	65.0	AR/PD Site	AR-4/4.5	85.8
nickel	65.0	AR/PD Site	AR-4/25.5	74.4
nickel	65.0	AR/PD Site	AR-1A/1.0	74.4
nickel	65.0	AR/PD Site	AR-4/30.5	73
nickel	65.0	AR/PD Site	SP1-C	69.9
nickel	65.0	AR/PD Site	AR-4/11	69.7
nickel	65.0	AR/PD Site	AR-4/20.5	66.1
zinc	106	AR/PD Site	AR-4/15.5	117
zinc	106	AR/PD Site	AR-2/10.5	113
zinc	106	AR/PD Site	AR-2/5.5	109
copper	71.7	Demolition Site #1	DA1-1-1	99
copper	71.7	Demolition Site #1	DA1-2-2	88

Table 6-2.
Soil Samples Exceeding the 95th Percentile of the Ambient Soil Data Set, by Area of Interest
(Page 2 of 10)

Parameter	95th Percentile[1] (mg/kg)	Area of Interest[2]	Sample ID	Result (mg/kg)
copper	71.7	Demolition Site #1	DA1-1-2	85
copper	71.7	Demolition Site #1	DA1-2-3.5	75
copper	71.7	Demolition Site #1	DA1-3W2	74.7
iron	43,805	Demolition Site #1	DA1-1-1	48000
iron	43,805	Demolition Site #1	DA1-1-4	47000
iron	43,805	Demolition Site #1	DA1-2-2	46000
iron	43,805	Demolition Site #1	DA1-2-.5	46000
iron	43,805	Demolition Site #1	DA1-2-3.5	45000
zinc	106	Demolition Site #1	DA1-1-2	130
zinc	106	Demolition Site #1	DA1-1-1	120
zinc	106	Demolition Site #1	DA1-2-2	110
arsenic	18.2	Demolition Site #2	DA2-1-1	19
cobalt	23.1	Demolition Site #2	DA2-1-1	26
iron	43,805	Demolition Site #2	DA2-2-1	48000
iron	43,805	Demolition Site #2	DA2-2-1	47000
iron	43,805	Demolition Site #2	DA2-1-3.75	46000
iron	43,805	Demolition Site #2	DA2-1-1	45000
iron	43,805	Demolition Site #2	DA2-2-2	44000
nickel	65.0	Demolition Site #2	DA2-1-1	69
zinc	106	Demolition Site #2	DA2-2-1	120
arsenic	18.2	Demolition Site #3	DA3-6/10.5	21.6
cobalt	23.1	Demolition Site #3	DA3-3/15.5	27.4
cobalt	23.1	Demolition Site #3	DA3-4/10.5	25.7
cobalt	23.1	Demolition Site #3	DA3-1-4	24
cobalt	23.1	Demolition Site #3	DA3-5/7.5	23.4
copper	71.7	Demolition Site #3	DA3-3/15.5	82.9
copper	71.7	Demolition Site #3	DA3-5/7.5	80.9
copper	71.7	Demolition Site #3	DA3-6/16.5	78.4
iron	43,805	Demolition Site #3	DA3-3/6	48600
iron	43,805	Demolition Site #3	DA3-4/10.5	48000
iron	43,805	Demolition Site #3	DA3-2-4	48000
iron	43,805	Demolition Site #3	DA3-3/15.5	46500
iron	43,805	Demolition Site #3	DA3-6/5.5	46300
iron	43,805	Demolition Site #3	DA3-5/7.5	45200
iron	43,805	Demolition Site #3	DA3-2-.5	45000
iron	43,805	Demolition Site #3	DA3-6/10.5	43800
manganese	1,645	Demolition Site #3	DA3-3/10.5	3290
mercury	0.26	Demolition Site #3	DA3-1-2	2.1
mercury	0.26	Demolition Site #3	DA3-1-1	1.8
mercury	0.26	Demolition Site #3	DA3-6/5.5	0.8
mercury	0.26	Demolition Site #3	DA3-2-2	0.65
mercury	0.26	Demolition Site #3	DA3-6/10.5	0.57
vanadium	96.4	Demolition Site #3	DA3-3/6	115
vanadium	96.4	Demolition Site #3	DA3-2-4	110
vanadium	96.4	Demolition Site #3	DA3-2-1	97
vanadium	96.4	Demolition Site #3	DA3-2-.5	97
zinc	106	Demolition Site #3	DA3-4/10.5	122
zinc	106	Demolition Site #3	DA3-5/7.5	114
zinc	106	Demolition Site #3	DA3-3/15.5	112
zinc	106	Demolition Site #3	DA3-6/16.5	109
aluminum	27,535	Flare Site	FA3-.5	31000
antimony	2.31	Flare Site	FA3-.5	150
arsenic	18.2	Flare Site	FA-4/2.5	37.4
arsenic	18.2	Flare Site	FA-6/3	28.7

Table 6-2.
Soil Samples Exceeding the 95th Percentile of the Ambient Soil Data Set, by Area of Interest
(Page 3 of 10)

Parameter	95th Percentile[1] (mg/kg)	Area of Interest[2]	Sample ID	Result (mg/kg)
arsenic	18.2	Flare Site	FA-4/3	27.1
barium	448	Flare Site	FA-6A/1	20000
barium	448	Flare Site	FA-6/2	3950
barium	448	Flare Site	FA-6A/1.5	3750
barium	448	Flare Site	FA3-.5	3400
barium	448	Flare Site	FA-6/3	2340
barium	448	Flare Site	FA-4/0	676
cadmium	1.40	Flare Site	FA3-.5	1.6
chromium, total	63	Flare Site	FA3-.5	110
cobalt	23.1	Flare Site	FA-6A/1.5	42.6
cobalt	23.1	Flare Site	FA-4/2.5	29.1
cobalt	23.1	Flare Site	FA-6A/1	27.6
copper	71.7	Flare Site	FA3-.5	8100
copper	71.7	Flare Site	FA-4/0	5630
copper	71.7	Flare Site	FA-6A/1	623
copper	71.7	Flare Site	FA-4/1	119
copper	71.7	Flare Site	FA-4/0.5	104
copper	71.7	Flare Site	FA2-2	100
copper	71.7	Flare Site	FA2-1	100
copper	71.7	Flare Site	FA-6A/1.5	77.4
copper	71.7	Flare Site	FA1-2	77
copper	71.7	Flare Site	FA-4/2.5	73
iron	43,805	Flare Site	FA3-.5	66000
iron	43,805	Flare Site	FA-6/3	53200
iron	43,805	Flare Site	FA2-1	48000
iron	43,805	Flare Site	FA1-2	48000
iron	43,805	Flare Site	FA1-.5	47000
iron	43,805	Flare Site	FA-4/2.5	44100
lead	69.9	Flare Site	FA3-.5	7600
lead	69.9	Flare Site	FA-6A/1	973
lead	69.9	Flare Site	FA-4/0	595
lead	69.9	Flare Site	FA-4/0.5	384
lead	69.9	Flare Site	FA-4/1	171
lead	69.9	Flare Site	FA2-2	110
lead	69.9	Flare Site	FA2-1	110
manganese	1,645	Flare Site	FA-6/2	2960
mercury	0.26	Flare Site	FA2-1	0.59
mercury	0.26	Flare Site	FA1-2	0.41
nickel	65.0	Flare Site	FA3-.5	98
nickel	65.0	Flare Site	FA-6A/1.5	90.9
nickel	65.0	Flare Site	FA-6/2	89.9
nickel	65.0	Flare Site	FA-4/2.5	89.4
phosphorus, total (as P)	458	Flare Site	FA-4/0	614
phosphorus, total (as P)	458	Flare Site	FA-4/0.5	519
phosphorus, total (as P)	458	Flare Site	FA-4/1	483
zinc	106	Flare Site	FA3-.5	2000
zinc	106	Flare Site	FA2-1	270
zinc	106	Flare Site	FA2-2	240
zinc	106	Flare Site	FA-4/0	237
zinc	106	Flare Site	FA-6A/1	158
zinc	106	Flare Site	FA-4/0.5	136
zinc	106	Flare Site	FA-4/1	135
aluminum	27,535	HTF	HF-4/4.5	35400
aluminum	27,535	HTF	HF-4A/0.5	33300
arsenic	18.2	HTF	HF-2/5.5	24.7

Table 6-2.
Soil Samples Exceeding the 95th Percentile of the Ambient Soil Data Set, by Area of Interest
(Page 4 of 10)

Parameter	95th Percentile[1] (mg/kg)	Area of Interest[2]	Sample ID	Result (mg/kg)
arsenic	18.2	HTF	HF-2A/0.5	19.8
barium	448	HTF	HF-3/20.5	1430
barium	448	HTF	HF-3/15.5	566
barium	448	HTF	HF-4/4.5	477
beryllium	0.82	HTF	HF-4A/0.5	0.94
beryllium	0.82	HTF	HF-4/4.5	0.93
cobalt	23.1	HTF	HF-4/10.5	28.7
cobalt	23.1	HTF	HF-4/23.5	27.1
cobalt	23.1	HTF	HF-4/4.5	24.7
cobalt	23.1	HTF	HF-4/20.5	24.7
cobalt	23.1	HTF	HF-3/10.5	24.7
cobalt	23.1	HTF	HF-1A/0.5	24.5
cobalt	23.1	HTF	HF-3/20.5	24.4
cobalt	23.1	HTF	HF-3A/0.5	24.2
copper	71.7	HTF	HF-1/5	82.8
copper	71.7	HTF	HF-4/23.5	80.9
copper	71.7	HTF	HF-4/20.5	80.1
copper	71.7	HTF	HF-3/15.5	79.7
copper	71.7	HTF	HF-2A/0.5	78.8
copper	71.7	HTF	HF-3/20.5	78.2
copper	71.7	HTF	HF-3/10.5	75
copper	71.7	HTF	HF-1A/1	73.9
copper	71.7	HTF	HF-2/5	73.2
iron	43,805	HTF	HF-4/10.5	51900
iron	43,805	HTF	HF-2A/0.5	50200
iron	43,805	HTF	HF-4/4.5	48000
iron	43,805	HTF	SP3-2-B	47000
iron	43,805	HTF	HF-4A/0.5	46700
iron	43,805	HTF	HF-4/23.5	46700
iron	43,805	HTF	HF-1/5	46400
iron	43,805	HTF	HF-3/15.5	45200
iron	43,805	HTF	HF-3/10.5	44800
iron	43,805	HTF	HF-4/20.5	44100
lead	69.9	HTF	SP3-4-A	120
lead	69.9	HTF	SP3-3-A	89
lead	69.9	HTF	SP3-3A	70
manganese	1,645	HTF	HF-1A/0.5	2950
manganese	1,645	HTF	HF-4/10.5	2130
manganese	1,645	HTF	HF-3A/0.5	1820
manganese	1,645	HTF	HF-4/20.5	1780
manganese	1,645	HTF	HF-1A/1	1770
manganese	1,645	HTF	HF-3/5.5	1670
nickel	65.0	HTF	HF-3/20.5	84.8
nickel	65.0	HTF	HF-4/23.5	77.4
nickel	65.0	HTF	HF-1/5	77.4
nickel	65.0	HTF	HF-2A/0.5	77
nickel	65.0	HTF	HF-1A/1	76.8
nickel	65.0	HTF	HF-4/20.5	76.2
nickel	65.0	HTF	HF-1A/0.5	75.9
nickel	65.0	HTF	HF-3/10.5	72.3
phosphorus, total (as P)	458	HTF	HF-2/5	1470
phosphorus, total (as P)	458	HTF	HF-3A/0.5	470
vanadium	96.4	HTF	HF-4/4.5	102
zinc	106	HTF	HF-4/23.5	118
zinc	106	HTF	HF-1A/0.5	114
zinc	106	HTF	HF-3/20.5	113

Table 6-2.
Soil Samples Exceeding the 95th Percentile of the Ambient Soil Data Set, by Area of Interest
(Page 5 of 10)

Parameter	95th Percentile[1] (mg/kg)	Area of Interest[2]	Sample ID	Result (mg/kg)
zinc	106	HTF	HF-3/10.5	113
zinc	106	HTF	HF-1/5	113
zinc	106	HTF	HF-1A/1	110
cobalt	23.1	McAllister LB	LB-3A/4.5	27.1
nickel	65.0	McAllister LB	LB-3A/4.5	73.2
aluminum	27,535	Misc. NV	TW-5A/0.5	36500
aluminum	27,535	Misc. NV	TW-5/5.5	36500
aluminum	27,535	Misc. NV	TW-1/5.5	34200
aluminum	27,535	Misc. NV	TW-1/15.5	32000
aluminum	27,535	Misc. NV	MW-6/0.5	31500
aluminum	27,535	Misc. NV	MW-6/1	30900
aluminum	27,535	Misc. NV	TW-1/10.5	30600
aluminum	27,535	Misc. NV	MW-6/4	29900
aluminum	27,535	Misc. NV	TW-6/4.5	28800
arsenic	18.2	Misc. NV	TW-8/15.5	39.1
arsenic	18.2	Misc. NV	TW-7/8	23.4
barium	448	Misc. NV	TW-7/4.5	517
barium	448	Misc. NV	TW-1/15.5	514
barium	448	Misc. NV	MW-6/0.5	508
beryllium	0.82	Misc. NV	TW-1/5.5	0.99
beryllium	0.82	Misc. NV	TW-5/5.5	0.96
beryllium	0.82	Misc. NV	TW-5A/0.5	0.9
beryllium	0.82	Misc. NV	TW-1/10.5	0.88
beryllium	0.82	Misc. NV	TW-6/4.5	0.85
beryllium	0.82	Misc. NV	TW-1/15.5	0.83
chromium, total	63	Misc. NV	TW-5A/0.5	65.1
chromium, total	63	Misc. NV	TW-1/5.5	63.3
cobalt	23.1	Misc. NV	TW-1/10.5	27.6
cobalt	23.1	Misc. NV	TW-1/15.5	25.7
cobalt	23.1	Misc. NV	TW-8/15.5	25.4
cobalt	23.1	Misc. NV	TW-7/8	24.2
cobalt	23.1	Misc. NV	TW-1/5.5	23.3
copper	71.7	Misc. NV	TW-7/8	77
copper	71.7	Misc. NV	TW-6/4.5	77
copper	71.7	Misc. NV	TW-8/15.5	72.8
iron	43,805	Misc. NV	MW-6/4	50800
iron	43,805	Misc. NV	MW-6/1	49200
iron	43,805	Misc. NV	TW-6/4.5	49100
iron	43,805	Misc. NV	TW-8/15.5	48600
iron	43,805	Misc. NV	TW-5A/0.5	47800
iron	43,805	Misc. NV	TW-6/9	47200
iron	43,805	Misc. NV	TW-6/0.5	47100
iron	43,805	Misc. NV	TW-1/15.5	45200
iron	43,805	Misc. NV	MW-6/0.5	45200
iron	43,805	Misc. NV	TW-5/20.5	45100
iron	43,805	Misc. NV	TW-5/5.5	44700
iron	43,805	Misc. NV	TW-1/10.5	44700
iron	43,805	Misc. NV	TW-1/5.5	44300
manganese	1,645	Misc. NV	TW-7/8	3230
manganese	1,645	Misc. NV	TW-1/15.5	2550
manganese	1,645	Misc. NV	TW-1/10.5	2240
manganese	1,645	Misc. NV	TW-1/19.5	1760
manganese	1,645	Misc. NV	TW-1/5.5	1700
nickel	65.0	Misc. NV	TW-7/8	76.6

Table 6-2.
Soil Samples Exceeding the 95th Percentile of the Ambient Soil Data Set, by Area of Interest
(Page 6 of 10)

Parameter	95th Percentile[1] (mg/kg)	Area of Interest[2]	Sample ID	Result (mg/kg)
nickel	65.0	Misc. NV	TW-1/15.5	72.8
nickel	65.0	Misc. NV	TW-8/15.5	66.8
nickel	65.0	Misc. NV	TW-1/10.5	66.5
vanadium	96.4	Misc. NV	TW-6/4.5	107
vanadium	96.4	Misc. NV	TW-6/9	104
vanadium	96.4	Misc. NV	MW-6/1	103
vanadium	96.4	Misc. NV	TW-5A/0.5	99.9
vanadium	96.4	Misc. NV	MW-6/0.5	99.4
vanadium	96.4	Misc. NV	TW-1/5.5	96.8
zinc	106	Misc. NV	TW-6/4.5	120
zinc	106	Misc. NV	TW-5/20.5	119
zinc	106	Misc. NV	TW-8/15.5	114
zinc	106	Misc. NV	TW-7/8	111
zinc	106	Misc. NV	TW-5/10.5	108
aluminum	27,535	NVML	LFP-22-S2/4	35400
aluminum	27,535	NVML	LFP-14-S1/5	35100
aluminum	27,535	NVML	LFP-7-S2/4.5	34300
aluminum	27,535	NVML	LFP-14-S2/7	34100
aluminum	27,535	NVML	LFP-1-S1/8.5	34000
aluminum	27,535	NVML	LFP-1-S1/6.5	32100
aluminum	27,535	NVML	LFP-16-S2/5.5	32000
aluminum	27,535	NVML	LFP-3-S2/6.5	31900
aluminum	27,535	NVML	LFP-24-S1/8	31900
aluminum	27,535	NVML	LFP-22-S1/2	31400
aluminum	27,535	NVML	LFP-12-S2/6	31200
aluminum	27,535	NVML	LFP-5-S2/4.5	31100
aluminum	27,535	NVML	LFP-7-S1/2.5	30600
aluminum	27,535	NVML	LFP-24-S1/8A	30300
aluminum	27,535	NVML	LFP-12-S1/4	30000
aluminum	27,535	NVML	LFP-16-S1/3.5	29900
aluminum	27,535	NVML	LFP-12-S1/4A	29600
aluminum	27,535	NVML	LFP-29-S1/2.5	29400
aluminum	27,535	NVML	LFP-20-S1/2	29300
aluminum	27,535	NVML	LFP-29-S2/2	28900
aluminum	27,535	NVML	LFP-27-S1/1	28800
aluminum	27,535	NVML	LFP-27-S2/3	28300
aluminum	27,535	NVML	LFP-5-S1/2.5	27700
aluminum	27,535	NVML	LFP-9-S1/3.5	27600
arsenic	18.2	NVML	LFP-3-S1/4.5	21.5
barium	448	NVML	LFP-10-S1/4.5	788
barium	448	NVML	LFM-2	449
beryllium	0.82	NVML	LFP-29-S2/2	0.96
beryllium	0.82	NVML	LFP-7-S2/4.5	0.95
beryllium	0.82	NVML	LFP-5-S2/4.5	0.93
beryllium	0.82	NVML	LFP-1-S2/8.5	0.9
beryllium	0.82	NVML	LFP-24-S1/8	0.88
beryllium	0.82	NVML	LFP-1-S1/6.5	0.86
beryllium	0.82	NVML	LFP-5-S1/2.5	0.85
beryllium	0.82	NVML	LFP-27-S1/1	0.85
chromium, total	63	NVML	LFP-7-S2/4.5	70.9
chromium, total	63	NVML	LFP-1-S2/8.5	64.8
chromium, total	63	NVML	LFP-14-S2/7	63.9
chromium, total	63	NVML	LFP-22-S2/4	63.7
chromium, total	63	NVML	LFP-24-S1/8	63.6
chromium, total	63	NVML	LFP-16-S1/3.5	63.6

Table 6-2.
Soil Samples Exceeding the 95th Percentile of the Ambient Soil Data Set, by Area of Interest
(Page 7 of 10)

Parameter	95th Percentile[1] (mg/kg)	Area of Interest[2]	Sample ID	Result (mg/kg)
chromium, total	63	NVML	LFP-14-S1/5	63.1
cobalt	23.1	NVML	LFP-14-S1/5	40.7
cobalt	23.1	NVML	LFP-24-S1/8	36.3
cobalt	23.1	NVML	LFP-1-S1/6.5	31.4
cobalt	23.1	NVML	LFP-9-S1/3.5	26
cobalt	23.1	NVML	LFP-3-S1/4.5	25.1
cobalt	23.1	NVML	LFP-7-S1/2.5	24.4
cobalt	23.1	NVML	LFP-29-S1/2.5	23.9
cobalt	23.1	NVML	LFP-16-S1/3.5	23.6
cobalt	23.1	NVML	LFP-5-S1/2.5	23.4
copper	71.7	NVML	LFP-7-S1/2.5	76.3
copper	71.7	NVML	LFP-29-S1/2.5	73.6
iron	43,805	NVML	LFP-22-S2/4	51800
iron	43,805	NVML	LFP-16-S1/3.5	51400
iron	43,805	NVML	LFP-1-S2/8.5	49500
iron	43,805	NVML	LFP-7-S2/7	49300
iron	43,805	NVML	LFP-1-S1/6.5	49100
iron	43,805	NVML	LFP-12-S2/6	48600
iron	43,805	NVML	LFP-12-S1/4	48100
iron	43,805	NVML	LFP-29-S1/2.5	48000
iron	43,805	NVML	LFP-22-S1/2	47700
iron	43,805	NVML	LFP-7-S2/4.5	47500
iron	43,805	NVML	LFP-14-S1/5	47500
iron	43,805	NVML	LFP-24-S1/8	47400
iron	43,805	NVML	LFP-24-S1A/8	47100
iron	43,805	NVML	LFP-20-S1/2	46800
iron	43,805	NVML	LFP-7-S1/2.5	46600
iron	43,805	NVML	LFP-27-S2/3	45700
iron	43,805	NVML	LFP-9-S1.3.5	45500
iron	43,805	NVML	LFP-27-S1/1	45500
iron	43,805	NVML	LFP-3-S2/6.5	45400
iron	43,805	NVML	LFP-3-S1/4.5	45200
iron	43,805	NVML	LFP-20-S2/4	45200
iron	43,805	NVML	LFP-16-S2/5.5	45100
iron	43,805	NVML	LFP-12-S1A/4	44100
manganese	1,645	NVML	LFP-14-S1/5	2370
manganese	1,645	NVML	LFP-9-S1/3.5	1870
manganese	1,645	NVML	LFP-1-S1/6.5	1830
manganese	1,645	NVML	LFP-20-S2/4	1800
manganese	1,645	NVML	LFP-12-S1A/4	1760
nickel	65.0	NVML	LFP-5-S2/4.5	99.8
nickel	65.0	NVML	LFP-1-S1/4	78.4
nickel	65.0	NVML	LFP-7-S2/4.5	75.8
nickel	65.0	NVML	LFP-29-S2/2	73.1
nickel	65.0	NVML	LPF-5-S1/2.5	69
nickel	65.0	NVML	LFP-10-S1/4.5	67.4
nickel	65.0	NVML	LFP-16-S1/3.5	65.7
nickel	65.0	NVML	LFP-7-S1/2.5	65.5
vanadium	96.4	NVML	LFP-22-S2/4	123
vanadium	96.4	NVML	LFP-14-S1/5	113
vanadium	96.4	NVML	LFP-22-S1/2	112
vanadium	96.4	NVML	LFP-16-S1/3.5	112
vanadium	96.4	NVML	LFP-14-S2/7	110
vanadium	96.4	NVML	LFP-1-S2/8.5	109
vanadium	96.4	NVML	LFP-1-S1/6.5	109
vanadium	96.4	NVML	LFP-12-S2/6	109

Table 6-2.
Soil Samples Exceeding the 95th Percentile of the Ambient Soil Data Set, by Area of Interest
(Page 8 of 10)

Parameter	95th Percentile[1] (mg/kg)	Area of Interest[2]	Sample ID	Result (mg/kg)
vanadium	96.4	NVML	LFP-24-S1/8	108
vanadium	96.4	NVML	LFP-16-S2/5.5	108
vanadium	96.4	NVML	LFP-3-S2/6.5	103
vanadium	96.4	NVML	LFP-24-S1A/8	100
vanadium	96.4	NVML	LFP-27-S2/3	97.9
vanadium	96.4	NVML	LFP-20-S2/4	97.9
vanadium	96.4	NVML	LFP-12-S1/4	96.6
zinc	106	NVML	LFP-3-S1/4.5	109
beryllium	0.82	Ridge Stockpiles	RSP8	1
beryllium	0.82	Ridge Stockpiles	RSP7	1
cobalt	23.1	Ridge Stockpiles	RSP9	24.5
iron	43,805	Ridge Stockpiles	RSP3	49700
iron	43,805	Ridge Stockpiles	RSP6	44700
iron	43,805	Ridge Stockpiles	RSP5	43900
manganese	1,645	Ridge Stockpiles	RSP9	2150
phosphorus, total (as P)	458	Ridge Stockpiles	RSP3	1380
phosphorus, total (as P)	458	Ridge Stockpiles	RSP1	662
aluminum	27,535	TNT Strips	TNT-1C3/3.5	29200
aluminum	27,535	TNT Strips	TNT-1C7A/1	28600
antimony	2.31	TNT Strips	TNT-1C7A/0	2.5
arsenic	18.2	TNT Strips	TNT-1C4A/0	25.3
arsenic	18.2	TNT Strips	TNT-1C7A/0	24.4
arsenic	18.2	TNT Strips	TNT-1C4A/1	23.1
arsenic	18.2	TNT Strips	TNT-5B-2	23
arsenic	18.2	TNT Strips	TNT-5B-.5	19
beryllium	0.82	TNT Strips	TNT-5E-2	1
beryllium	0.82	TNT Strips	TNT-1C5A/0	1
beryllium	0.82	TNT Strips	TNT-1C7A/1	0.95
beryllium	0.82	TNT Strips	TNT-1C3A/1	0.94
beryllium	0.82	TNT Strips	TNT-1C6A/0	0.9
beryllium	0.82	TNT Strips	TNT-1C6A/0.5	0.89
beryllium	0.82	TNT Strips	TNT-1C7A/0	0.88
beryllium	0.82	TNT Strips	TNT-1C6A/1	0.88
beryllium	0.82	TNT Strips	TNT-1C4A/0	0.84
beryllium	0.82	TNT Strips	TNT-1C3A/2	0.84
beryllium	0.82	TNT Strips	TNT-1C7A/1.5	0.83
chromium, total	63	TNT Strips	TNT-1C3/3.5	85.4
chromium, total	63	TNT Strips	TNT-1C7A/1	67.5
chromium, total	63	TNT Strips	TNT-1C4/3.5	66.8
chromium, total	63	TNT Strips	TNT-1C5A/0	66.2
chromium, total	63	TNT Strips	TNT-1C10A/0	63.8
chromium, total	63	TNT Strips	TNT-1C4A/0	63.1
cobalt	23.1	TNT Strips	TNT-1C4/3.5	28.1
cobalt	23.1	TNT Strips	TNT-4C-2	27
cobalt	23.1	TNT Strips	TNT-1C-4	27
cobalt	23.1	TNT Strips	TNT-1C3A/1	26.3
cobalt	23.1	TNT Strips	TNT-1C3/3.5	25.2
cobalt	23.1	TNT Strips	TNT-5D-2	25
cobalt	23.1	TNT Strips	TNT-4A-1	25
cobalt	23.1	TNT Strips	TNT-5D-1	24
cobalt	23.1	TNT Strips	TNT-1C5A/0	23.4
copper	71.7	TNT Strips	TNT-1C3/3.5	82.4
copper	71.7	TNT Strips	TNT-1C7A/1	78
copper	71.7	TNT Strips	TNT-1A-1	74

Table 6-2.
Soil Samples Exceeding the 95th Percentile of the Ambient Soil Data Set, by Area of Interest
(Page 9 of 10)

Parameter	95th Percentile[1] (mg/kg)	Area of Interest[2]	Sample ID	Result (mg/kg)
copper	71.7	TNT Strips	TNT-1C4/3.5	73.3
copper	71.7	TNT Strips	TNT-1C-4	73
copper	71.7	TNT Strips	TNT-1B-2	72
copper	71.7	TNT Strips	TNT-1C6/4.5	71.8
iron	43,805	TNT Strips	TNT-2D-2	51000
iron	43,805	TNT Strips	TNT-1A-1	50000
iron	43,805	TNT Strips	TNT-1B-1	49000
iron	43,805	TNT Strips	TNT-1C5A/0	48300
iron	43,805	TNT Strips	TNT-2A-1	48000
iron	43,805	TNT Strips	TNT-1C7A/1	47800
iron	43,805	TNT Strips	TNT-5B-.5	47000
iron	43,805	TNT Strips	TNT-5B-1	46000
iron	43,805	TNT Strips	TNT-4C-2	46000
iron	43,805	TNT Strips	TNT-4A-1	46000
iron	43,805	TNT Strips	TNT-3C-2	46000
iron	43,805	TNT Strips	TNT-3C-.5	46000
iron	43,805	TNT Strips	TNT-3B-2	46000
iron	43,805	TNT Strips	TNT-2E-2	46000
iron	43,805	TNT Strips	TNT-2B-1	46000
iron	43,805	TNT Strips	TNT-2A-2	46000
iron	43,805	TNT Strips	TNT-2A-2	46000
iron	43,805	TNT Strips	TNT-1C7A/1.5	45100
iron	43,805	TNT Strips	TNT-5D-2	45000
iron	43,805	TNT Strips	TNT-5D-1	45000
iron	43,805	TNT Strips	TNT-5A-2	45000
iron	43,805	TNT Strips	TNT-4A-2	45000
iron	43,805	TNT Strips	TNT-3C-1	45000
iron	43,805	TNT Strips	TNT-2C-2	45000
iron	43,805	TNT Strips	TNT-2B-4	45000
iron	43,805	TNT Strips	TNT-1C-4	45000
iron	43,805	TNT Strips	TNT-1C-2	45000
iron	43,805	TNT Strips	TNT-3B-1	44000
iron	43,805	TNT Strips	TNT-2E-1	44000
iron	43,805	TNT Strips	TNT-2D-1	44000
iron	43,805	TNT Strips	TNT-2B-.5	44000
manganese	1,645	TNT Strips	TNT-1C-4	3800
manganese	1,645	TNT Strips	TNT-1C10A/2	2120
manganese	1,645	TNT Strips	TNT-3B-2	1900
manganese	1,645	TNT Strips	TNT-5D-2	1800
manganese	1,645	TNT Strips	TNT-2A-2	1800
manganese	1,645	TNT Strips	TNT-2A-2	1800
manganese	1,645	TNT Strips	TNT-1B-2	1800
manganese	1,645	TNT Strips	TNT-1C5A/0	1750
manganese	1,645	TNT Strips	TNT-1B-1	1700
nickel	65.0	TNT Strips	TNT-1C-4	110
nickel	65.0	TNT Strips	TNT-4C-2	75
nickel	65.0	TNT Strips	TNT-1C5A/0	74.8
nickel	65.0	TNT Strips	TNT-1C7A/1	73.4
nickel	65.0	TNT Strips	TNT-1C10A/0	72.1
nickel	65.0	TNT Strips	TNT-1C3/3.5	70.8
nickel	65.0	TNT Strips	TNT-1C6A/0	68.4
nickel	65.0	TNT Strips	TNT-1C-2	68
nickel	65.0	TNT Strips	TNT-1C6A/2	67.9
nickel	65.0	TNT Strips	TNT-1C3A/1	67.2
nickel	65.0	TNT Strips	TNT-5D-2	67
nickel	65.0	TNT Strips	TNT-3C-.5	67

Table 6-2.
Soil Samples Exceeding the 95th Percentile of the Ambient Soil Data Set, by Area of Interest
(Page 10 of 10)

Parameter	95th Percentile[1] (mg/kg)	Area of Interest[2]	Sample ID	Result (mg/kg)
nickel	65.0	TNT Strips	TNT-2E-2	67
nickel	65.0	TNT Strips	TNT-1C4A/0	66.9
nickel	65.0	TNT Strips	TNT-3C-2	66
nickel	65.0	TNT Strips	TNT-1B-2	66
nickel	65.0	TNT Strips	TNT-1A-1	66
nickel	65.0	TNT Strips	TNT-1C7A/0	65.7
nickel	65.0	TNT Strips	TNT-1C3A/2	65.7
nickel	65.0	TNT Strips	TNT-1C6A/0.5	65.3
phosphorus, total (as P)	458	TNT Strips	TNT-1C5A/0	485
vanadium	96.4	TNT Strips	TNT-5B-2	98
vanadium	96.4	TNT Strips	TNT-5B-1	97
vanadium	96.4	TNT Strips	TNT-4A-1	97
zinc	106	TNT Strips	TNT-1C3/3.5	109

Notes:

(1) 95th percentile of the amdient soil data set

(2) Abbreviations used for some Areas of Interest, as folllows

Misc NV	=	Miscellaneous North Valley
NVML	=	North Valley Military Landfill
HTF	=	Howitzer Test Facility
McAllister LB	=	McAllister Drive Land Bridge
AR/PD Site	=	Ammunition Renovation/Primer Destruction Ste

(3) Qualifier

ND	=	not detected
R	=	rejected based on quality control issues -- see QCSR's
IDL	=	Instrument Detection Limit

Table 6-3.
Wilcoxin Rank Sum Test Results:
Comparison of Areas of Interest (1) to Ambient Soil Data

	AR/PD Site	Demo 1	Demo 2	Demo 3	Flare Site	HTF	Misc NV	NVML	Ridge Stockpiles	TNT Strips
Al	0.9951	NC	NC	NC	0.9997	0.8661	0.0507	**<0.0001**	NC	0.9994
Sb	NC	NC	NC	NC	0.9996	NC	NC	NC	NC	1.0000
As	0.9981	NC	0.5000	0.9977	0.9751	0.9954	0.9999	1.0000	NC	0.9978
Ba	0.9093	NC	NC	NC	0.4623	0.5049	0.8662	0.8760	NC	NC
Be	NC	NC	NC	NC	NC	0.3087	**0.0219**	**0.0006**	0.0731	0.6003
Cd	NC	NC	NC	NC	0.9936	NC	NC	NC	NC	NC
Cr	0.3489	NC	NC	NC	0.6723	NC	0.1405	**0.0009**	NC	**0.0107**
Co	**0.0466**	NC	0.3897	0.4746	0.5270	0.1005	0.2021	0.1185	0.6621	**0.0245**
Cu	**0.0082**	**0.0011**	NC	0.7776	**<0.0001**	**0.0025**	0.0715	**0.0388**	NC	**0.0088**
Fe	**0.0355**	**0.0014**	**0.0016**	**0.0007**	**0.0274**	**0.0016**	**0.0025**	**<0.0001**	0.3142	**0.0002**
Pb	1.0000	NC	NC	NC	0.4516	0.9999	NC	NC	NC	NC
Mn	0.8709	NC	NC	0.9998	0.9938	0.6196	0.7862	0.5851	0.9953	0.2273
Hg	NC	NC	NC	0.8344	0.7104	NC	NC	NC	NC	NC
Ni	**0.0003**	NC	**0.0084**	NC	**0.0115**	**<0.0001**	**0.0043**	**0.0381**	NC	**<0.0001**
P	NC	NC	NC	NC	0.8232	0.9507	NC	NC	0.4649	0.9376
V	NC	NC	NC	**0.0134**	NC	1.0000	0.9828	**0.0366**	NC	0.9897
Zn	0.3197	0.0719	0.5607	0.9601	**0.0037**	**0.0419**	0.1881	0.6059	NC	0.9867

NOTES:
(1) Areas of Interest abbreviated where necessary as follows:

AR/PD Site =	Ammunition Renovation/Primer Destruction Site, including Stockpiles #1 and #2
Demo 1 =	Demolition Site #1
Demo 2 =	Demolition Site #2
Demo 3 =	Demolition Site #3
HTF =	Howitzer Test Facility, including Stockpile #3
Misc NV =	Miscellaneous North Valley
NVML =	North Valley Military Landfill

BOLD values are statistically significant at the <0.05 level

NC = Not Calculated because Wilcoxon test performed only for Areas-of-Interest/constituent pairs exceeding the 95th percentile of the ambient data set

Table 7-1. Screening-Level Health Risk Estimates - TNT Strips

Chemical	Maximum Detected Concentration (mg/kg)	95th Percentile of Ambient Soil Samples (mg/kg)	Maximum Detected Concentration Greater than 95th Percentile	U.S. EPA Region IX Residential PRG (mg/kg)			Noncancer Ratio	Cancer Ratio
Explosives								
1,3,5-trinitrobenzene	310	NA	NA	1800	nc		1.7E-01	NA
1,3-dinitrobenzene	7.5	NA	NA	6.1	nc		**1.2E+00**	NA
2,4,6-trinitrotoluene	380000	NA	NA	16	ca		NA	**2.4E+04**
2,4-dinitrotoluene	110	NA	NA	0.72	ca	(1)	NA	**1.5E+02**
2,6-dinitrotoluene	1.2	NA	NA	0.02	ca	(2)	NA	**6.0E+01**
2-amino-4,6-dinitrotoluene	12	NA	NA	16	ca	(3)	NA	7.5E-01
2-nitrotoluene	1.4	NA	NA	370	nc		3.8E-03	NA
3-nitrotoluene	4.6	NA	NA	370	nc		1.2E-02	NA
4-amino-2,6-dinitrotoluene	9.9	NA	NA	16	ca	(3)	NA	6.2E-01
4-nitrotoluene	11	NA	NA	370	nc		3.0E-02	NA
amino-dnts	80	NA	NA	16	ca	(3)	NA	**5.0E+00**
hexahydro-1,3,5-trinitro-1,3,5,7-tetrazocine	18	NA	NA	4.4	ca		NA	**4.1E+00**
nitrobenzene	3.7	NA	NA	20	nc		1.9E-01	NA
nitroglycerin	0.6	NA	NA	35	ca		NA	1.7E-02
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	3.6	NA	NA	3100	nc		1.2E-03	NA
tetryl	5.7	NA	NA	61	nc	(2)	9.3E-02	NA
Polynuclear Aromatic Hydrocarbons								
benzo(a)anthracene	0.0074	NA	NA	0.62	ca		NA	1.2E-02
chrysene	0.0074	NA	NA	6.1	ca		NA	1.2E-03
fluoranthene	0.049	NA	NA	2300	nc		2.1E-05	NA
naphthalene	0.013	NA	NA	56	nc		2.3E-04	NA
phenanthrene	0.061	NA	NA	22000	nc	(5)	2.8E-06	NA
pyrene	0.049	NA	NA	2300	nc		2.1E-05	NA
Metals								
aluminum	29200	27535	**Yes**	76000	nc		3.8E-01	NA
antimony	2.5	2.31	**Yes**	31	nc		8.1E-02	NA
arsenic	25.3	18.2	**Yes**	0.39	ca		NA	**6.5E+01**
barium	370	448	No	5400	nc		NA	NA
beryllium	1	0.82	**Yes**	150	nc		6.7E-03	NA
cadmium	0.83	1.4	No	9	ca	(4)	NA	NA
chromium, total	85.4	63	**Yes**	210	ca		NA	4.1E-01
cobalt	28.1	23.1	**Yes**	4700	nc		6.0E-03	NA
copper	82.4	71.7	**Yes**	2900	nc		2.8E-02	NA
iron	51000	43805	**Yes**	23000	nc		**2.2E+00**	NA
lead	51.6	69.9	No	400	nc		NA	NA
manganese	3800	1645	**Yes**	1800	nc		**2.1E+00**	NA
mercury	0.099	0.26	No	23	nc		NA	NA
molybdenum	1.2	NA	NA	390	nc		3.1E-03	NA
nickel	110	65	**Yes**	150	ca	(4)	NA	7.3E-01
selenium	1.7	0.85	**Yes**	390	nc		4.4E-03	NA
silver	0.54	NA	NA	390	nc		1.4E-03	NA
vanadium	100	96.4	**Yes**	550	nc		1.8E-01	NA
zinc	109	106	**Yes**	23000	nc		4.7E-03	NA
Other Inorganics								
phosphorus, total (as P)	485	458	**Yes**	NA			NA	NA
						Total Hazard Index:	**7E+00**	–
						Total Hazard Index (without iron and manganese):	**2E+00**	
						Total Excess Cancer Risk:	–	**2E-02**
						Total Excess Cancer Risk (without arsenic):	–	**2E-02**

Notes:

nc = PRG based on noncancer effects

ca = PRG based on cancer effects

NA = Not applicable

(1) PRG for dinitrotoluene mixture.

(2) PRG calculated according to Region IX methodology using toxicity criterion from DTSC, 1994b.

(3) A PRG has not been developed for 2-amino-4,6-dinitrotoluene, 4-amino-2,6-dinitrotoluene, or the mixture of the two (reported as amino-dnts. These compounds are metabolites of 2,4,6-trinitrotoluene (TNT). It is unknown if the observed toxicity in studies of TNT is the result of the parent compound or the metabolites (ATSDR, 1995). Therefore, the PRG for TNT was used for these compounds as a surrogate.

(4) California-modified PRG.

(5) A PRG has not been developed for phenanthrene; therefore, the PRG for anthracene was used as a surrogate based on similarities in chemical, physical, and toxicological properties.

Table 7-2. Screening-Level Health Risk Estimates - Howitzer Test Facility

Chemical	Maximum Detected Concentration (mg/kg)	95th Percentile of Ambient Soil Samples (mg/kg)	Maximum Detected Concentration Greater than 95th Percentile	U.S. EPA Region IX Residential PRG (mg/kg)			Noncancer Ratio	Cancer Ratio
Explosives								
1,2,3-trichlorobenzene	0.0016	NA	NA	650	nc	(1)	2.5E-06	NA
1,2,4-trichlorobenzene	0.0012	NA	NA	650	nc		1.8E-06	NA
2,4,6-trinitrotoluene	1.7	NA	NA	16	ca		NA	1.1E-01
Dioxins and Furans								
2,3,7,8-TCDF	0.00000078	NA	NA	0.000039	ca	(2)	NA	2.0E-02
Polynuclear Aromatic Hydrocarbons								
anthracene	0.023	NA	NA	22000	nc		1.0E-06	NA
benzo(a)anthracene	0.023	NA	NA	0.62	ca		NA	3.7E-02
benzo(a)pyrene	0.023	NA	NA	0.062	ca		NA	3.7E-01
benzo(b)fluoranthene	0.023	NA	NA	0.62	ca		NA	3.7E-02
benzo(g,h,i)perylene	0.11	NA	NA	2300	nc	(3)	4.8E-05	NA
benzo(k)fluoranthene	0.023	NA	NA	0.61	ca	(4)	NA	3.8E-02
chrysene	0.077	NA	NA	6.1	ca		NA	1.3E-02
dibenz(a,h)anthracene	0.11	NA	NA	0.062	ca		NA	**1.8E+00**
fluoranthene	0.023	NA	NA	2300	nc		1.0E-05	NA
indeno(1,2,3-c,d)pyrene	0.1	NA	NA	0.62	ca		NA	1.6E-01
pyrene	0.033	NA	NA	2300	nc		1.4E-05	NA
Other Organics								
2-butanone	0.07	NA	NA	7300	nc		9.6E-06	NA
acetone	0.12	NA	NA	1600	nc		7.5E-05	NA
benzene	0.0035	NA	NA	0.65	ca		NA	5.4E-03
methylene chloride	0.037	NA	NA	8.9	ca		NA	4.2E-03
toluene	0.0055	NA	NA	520	nc		1.1E-05	NA
xylene (m,p)	0.0022	NA	NA	210	nc		1.0E-05	NA
Metals								
aluminum	36500	27535	**Yes**	76000	nc		4.8E-01	NA
antimony	1.4	2.31	No	31	nc		NA	NA
arsenic	24.7	18.2	**Yes**	0.39	ca		NA	**6.3E+01**
barium	1430	448	**Yes**	5400	nc		2.6E-01	NA
beryllium	0.96	0.82	**Yes**	150	nc		6.4E-03	NA
chromium, total	65.1	63	**Yes**	210	ca		NA	3.1E-01
cobalt	28.7	23.1	**Yes**	4700	nc		6.1E-03	NA
copper	82.8	71.7	**Yes**	2900	nc		2.9E-02	NA
iron	51900	43805	**Yes**	23000	nc		**2.3E+00**	NA
lead	120	69.9	**Yes**	400	nc		3.0E-01	NA
manganese	2950	1645	**Yes**	1800	nc		**1.6E+00**	NA
mercury	0.15	0.26	No	23	nc		NA	NA
molybdenum	0.92	NA	NA	390	nc		2.4E-03	NA
nickel	84.8	65	**Yes**	150	ca	(4)	NA	5.7E-01
selenium	1.4	0.85	**Yes**	390	nc		3.6E-03	NA
silver	0.25	NA	NA	390	nc		6.4E-04	NA
vanadium	107	96.4	**Yes**	550	nc		1.9E-01	NA
zinc	120	106	**Yes**	23000	nc		5.2E-03	NA
Other Inorganics								
nitrogen, nitrate (as N)	2.3	NA	NA	130000	nc	(5)	1.8E-05	NA
nitrogen, nitrite (as N)	0.54	NA	NA	7800	nc	(6)	6.9E-05	NA
phosphorus, total (as P)	1470	458	**Yes**	NA			NA	NA
				Total Hazard Index:			**5E+00**	–
				Total Hazard Index (without iron and manganese):			**1E+00**	
				Total Excess Cancer Risk:			–	**7E-05**
				Total Excess Cancer Risk (without arsenic):			–	**3E-06**

Notes:

nc = PRG based on noncancer effects

ca = PRG based on cancer effects

NA = Not applicable

(1) A PRG has not been developed for 1,2,3-trichlorobenzene; therefore, the PRG for 1,2,4-trichlorobenzene

(2) The PRG for this dioxin/furan isomer is based on the PRG for 2,3,7,8-TCDD mulitplied by the appropriate toxicity equivalent factor (I - TEF/89; DTSC, 1992)

(3) A PRG has not been developed for benzo(g,h,i)perylene; therefore, the PRG for pyrene was used as a surrogate based on similarities in chemical, physical, and toxicological properties.

(4) California-modified PRG.

(5) A PRG has not been developed for nitrate; therefore, a PRG was calculated according to U.S. EPA Region IX's methodology and the oral RfD provided in the Integrated Risk Information System

(6) A PRG has not been developed for nitrite; therefore, a PRG was calculated according to U.S. EPA Region IX's methodology and the oral RfD provided in the Integrated Risk Information System

Table 7-3. Screening-Level Health Risk Estimates - North Valley Military Landfil

Chemical	Maximum Detected Concentration (mg/kg)	95th Percentile of Ambient Soil Samples	Maximum Detected Concentration Greater than Background	U.S. EPA Region IX Residential PRG (mg/kg)			Noncancer Ratio	Cancer Ratio
Dioxins and Furans								
1,2,3,4,6,7,8-HpCDD	0.000089	NA	NA	0.00039	ca	(1)	NA	2.3E-01
1,2,3,4,6,7,8-HpCDF	0.00011	NA	NA	0.00039	ca	(1)	NA	2.8E-01
2,3,7,8-TCDF	0.0000015	NA	NA	0.000039	ca	(1)	NA	3.8E-02
OCDD	0.0012	NA	NA	0.0039	ca	(1)	NA	3.1E-01
OCDF	0.000089	NA	NA	0.0039	ca	(1)	NA	2.3E-02
Polynuclear Aromatic Hydrocarbons								
benzo(b)fluoranthene	0.018	NA	NA	0.62	ca		NA	2.9E-02
benzo(k)fluoranthene	0.018	NA	NA	0.61	ca	(2)	NA	3.0E-02
chrysene	0.017	NA	NA	6.1	ca	(2)	NA	2.8E-03
indeno(1,2,3-c,d)pyrene	0.013	NA	NA	0.62	ca		NA	2.1E-02
naphthalene	0.0013	NA	NA	56	nc		2.3E-05	NA
Other Organics								
1,4-dichlorobenzene	0.0014	NA	NA	3.4	ca		NA	4.1E-04
2-butanone	0.038	NA	NA	7300	nc		5.2E-06	NA
2-hexanone	0.018	NA	NA	7300	nc		2.5E-06	NA
acetone	0.16	NA	NA	1600	nc		1.0E-04	NA
methylene chloride	0.0026	NA	NA	8.9	ca		NA	2.9E-04
Metals								
aluminum	35400	27535	**Yes**	76000	nc		4.7E-01	NA
antimony	0.86	2.31	No	31	nc		NA	NA
arsenic	21.5	18.2	**Yes**	0.39	ca		NA	**5.5E+01**
barium	788	448	**Yes**	5400	nc		1.5E-01	NA
beryllium	0.96	0.82	**Yes**	150	nc		6.4E-03	NA
beta BHC	0.0007	0.82	No	150	nc		NA	NA
cadmium	0.74	1.4	No	9	ca	(2)	NA	NA
chromium, total	70.9	63	**Yes**	210	ca		NA	3.4E-01
cobalt	40.7	23.1	**Yes**	4700	nc		8.7E-03	NA
copper	76.3	71.7	**Yes**	2900	nc		2.6E-02	NA
iron	51800	43805	**Yes**	23000	nc		**2.3E+00**	NA
lead	62.3	69.9	No	400	nc		NA	NA
manganese	2370	1645	**Yes**	1800	nc		**1.3E+00**	NA
mercury	0.15	0.26	No	23	nc		NA	NA
molybdenum	0.9	NA	NA	390	nc		2.3E-03	NA
nickel	99.8	65	**Yes**	150	ca	(2)	NA	6.7E-01
selenium	2.9	0.85	**Yes**	390	nc		7.4E-03	NA
vanadium	123	96.4	**Yes**	550	nc		2.2E-01	NA
zinc	109	106	**Yes**	23000	nc		4.7E-03	NA
Other Inorganics								
nitrogen, nitrate (as N)	2.6	NA	NA	130000	nc	(3)	2.0E-05	NA
nitrogen, nitrite (as N)	0.17	NA	NA	7800	nc	(4)	2.2E-05	NA
phosphorus, total (as P)	436	458	No	NA			NA	NA
				Total Hazard Index:			**4E+00**	–
				Total Hazard Index (without iron and manganese):			**9E-01**	–
				Total Excess Cancer Risk:			–	**6E-05**
				Total Excess Cancer Risk (without arsenic):			–	**2E-06**

Notes:

nc = PRG based on noncancer effects

ca = PRG based on cancer effects

NA = Not applicable

(1) The PRG for this dioxin/furan isomer is based on the PRG for 2,3,7,8-TCDD mulitplied by the appropriate toxicity equivalent factor (I-TEFs/89; CalEPA, 1992).

(2) California-modified PRG.

(3) A PRG has not been developed for nitrate; therefore, a PRG was calculated according to U.S. EPA Region IX's methodology and the oral RfD provided in the Integrated Risk Information System

(4) A PRG has not been developed for nitrite; therefore, a PRG was calculated according to U.S. EPA Region IX's methodology and the oral RfD provided in the Integrated Risk Information System

Table 7-4. Screening-Level Health Risk Estimates - Ammunition Renovation/Primer Destruction Site

Chemical	Maximum Detected Concentration (mg/kg)	95th Percentile of Ambient Soil Samples (mg/kg)	Maximum Detected Concentration Greater than 95th Percentile	U.S. EPA Region IX Residential PRG (mg/kg)			Noncancer Ratio	Cancer Ratio
Explosives								
1,2,3-trichlorobenzene	0.0012	NA	NA	650	nc	(1)	1.8E-06	NA
2,4,6-trinitrotoluene	0.67	NA	NA	16	ca		NA	4.2E-02
Polynuclear Aromatic Hydrocarbons								
anthracene	0.022	NA	NA	22000	nc		1.0E-06	NA
benzo(a)anthracene	0.11	NA	NA	0.62	ca		NA	1.8E-01
benzo(a)pyrene	0.11	NA	NA	0.062	ca		NA	**1.8E+00**
benzo(b)fluoranthene	0.11	NA	NA	0.62	ca		NA	1.8E-01
benzo(g,h,i)perylene	0.071	NA	NA	2300	nc	(2)	3.1E-05	NA
benzo(k)fluoranthene	0.11	NA	NA	0.61	ca	(3)	NA	1.8E-01
chrysene	0.11	NA	NA	6.1	ca	(3)	NA	1.8E-02
dibenz(a,h)anthracene	0.022	NA	NA	0.062	ca		NA	3.5E-01
fluoranthene	0.11	NA	NA	2300	nc		4.8E-05	NA
indeno(1,2,3-c,d)pyrene	0.067	NA	NA	0.62	ca		NA	1.1E-01
naphthalene	0.46	NA	NA	56	nc		8.2E-03	NA
phenanthrene	0.0078	NA	NA	22000	nc		3.5E-07	NA
pyrene	0.11	NA	NA	2300	nc		4.8E-05	NA
Other Organics								
2-butanone	0.027	NA	NA	7300	nc		3.7E-06	NA
acetone	0.14	NA	NA	1600	nc		8.8E-05	NA
bis(2-ethylhexyl) phthalate	0.072	NA	NA	35	ca		NA	2.1E-03
ethylbenzene	0.0016	NA	NA	230	nc	(4)	7.0E-06	NA
methylene chloride	0.057	NA	NA	8.9	ca		NA	6.4E-03
PCB-1254 (Arochlor 1254)	0.038	NA	NA	0.22	ca		NA	1.7E-01
p-cymene (p-isopropyltoluene)	0.0037	NA	NA	NA			NA	NA
sec-butylbenzene	0.014	NA	NA	110	nc		1.3E-04	NA
Metals								
aluminum	34200	27535	**Yes**	76000	nc		4.5E-01	NA
antimony	1.3	2.31	No	31	nc		NA	NA
arsenic	27.1	18.2	**Yes**	0.39	ca		NA	**6.9E+01**
barium	865	448	**Yes**	5400	nc		1.6E-01	NA
beryllium	0.99	0.82	**Yes**	150	nc		6.6E-03	NA
cadmium	0.81	1.4	No	9	ca	(3)	NA	NA
chromium, total	64.6	63	**Yes**	210	ca		NA	3.1E-01
cobalt	45.7	23.1	**Yes**	4700	nc		9.7E-03	NA
copper	77.8	71.7	**Yes**	2900	nc		2.7E-02	NA
iron	55200	43805	**Yes**	23000	nc		**2.4E+00**	NA
lead	135	69.9	**Yes**	400	nc		3.4E-01	NA
manganese	4340	1645	**Yes**	1800	nc		**2.4E+00**	NA
mercury	0.12	0.26	No	23	nc		NA	NA
molybdenum	2	NA	NA	390	nc		5.1E-03	NA
nickel	129	65	**Yes**	150	ca	(3)	NA	8.6E-01
selenium	2.1	0.85	**Yes**	390	nc		5.4E-03	NA
silver	0.12	NA	NA	390	nc		3.1E-04	NA
thallium	1.3	NA	NA	5.2	nc		2.5E-01	NA
vanadium	96.8	96.4	**Yes**	550	nc		1.8E-01	NA
zinc	117	106	**Yes**	23000	nc		5.1E-03	NA
Other Inorganics								
nitrogen, nitrate (as N)	10.1	NA	NA	130000	nc	(5)	7.8E-05	NA
nitrogen, nitrite (as N)	0.68	NA	NA	7800	nc	(6)	8.7E-05	NA
phosphorus, total (as P)	406	458	No	NA			NA	NA
				Total Hazard Index:			**6E+00**	–
				Total Hazard Index (without iron and manganese):			**1E+00**	
				Total Excess Cancer Risk:			–	**7E-05**
				Total Excess Cancer Risk (without arsenic):			–	**4E-06**

Notes:

ca = PRG based on cancer effects

NA = Not applicable

(1) A PRG has not been developed for 1,2,3-trichlorobenzene; therefore, the PRG for 1,2,4-trichlorobenzene was used as a surrogate based on similarities in chemical, physical, and toxicological properties.

(2) A PRG has not been developed for benzo(g,h,i)perylene; therefore, the PRG for pyrene was used as a surrogate based on similarities in chemical, physical, and toxicological properties.

(3) California-modified PRG.

(4) This PRG is based on a theoretical soil saturation concentration.

(5) A PRG has not been developed for nitrate; therefore, a PRG was calculated according to U.S. EPA Region IX's methodology and the oral RfD provided in the Integrated Risk Information System

(6) A PRG has not been developed for nitrite; therefore, a PRG was calculated according to U.S. EPA Region IX's methodology and the oral RfD provided in the Integrated Risk Information System

Table 7-5. Screening-Level Health Risk Estimates - Miscellaneous North Valley

Chemical	Maximum Detected Concentration (mg/kg)	95th Percentile of Ambient Soil Samples (mg/kg)	Maximum Detected Concentration Greater than 95th Percentile	U.S. EPA Region IX Residential PRG (mg/kg)			Noncancer Ratio	Cancer Ratio
Explosives								
1,2,3-trichlorobenzene	0.0023	NA	NA	650	nc	(1)	3.5E-06	NA
1,2,4-trichlorobenzene	0.00093	NA	NA	650	nc		1.4E-06	NA
1,3,5-trinitrobenzene	0.83	NA	NA	1800	nc		4.6E-04	NA
2,4,6-trinitrotoluene	17	NA	NA	16	ca		NA	**1.1E+00**
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	0.14	NA	NA	3100	nc		4.5E-05	NA
Polynuclear Aromatic Hydrocarbons								
naphthalene	0.0018	NA	NA	56	nc		3.2E-05	NA
Other Organics								
2-butanone	0.0082	NA	NA	7300	nc		1.1E-06	NA
acetone	0.084	NA	NA	1600	nc		5.3E-05	NA
hexachlorobutadiene	0.0015	NA	NA	6.2	ca		NA	2.4E-04
methylene chloride	0.038	NA	NA	8.9	ca		NA	4.3E-03
Metals								
aluminum	27200	27535	No	76000	nc		NA	NA
antimony	1.2	2.31	No	31	nc		NA	NA
arsenic	39.1	18.2	**Yes**	0.39	ca		NA	**1.0E+02**
barium	183	448	No	5400	nc		NA	NA
beryllium	0.73	0.82	No	150	nc		NA	NA
chromium, total	58.2	63	No	210	ca		NA	NA
cobalt	25.4	23.1	**Yes**	4700	nc		5.4E-03	NA
copper	72.8	71.7	**Yes**	2900	nc		2.5E-02	NA
iron	48600	43805	**Yes**	23000	nc		**2.1E+00**	NA
lead	11.4	69.9	No	400	nc		NA	NA
manganese	799	1645	No	1800	nc		NA	NA
mercury	0.061	0.26	No	23	nc		NA	NA
molybdenum	0.63	NA	NA	390	nc		1.6E-03	NA
nickel	66.8	65	**Yes**	150	ca	(2)	NA	4.5E-01
vanadium	74.1	96.4	No	550	nc		NA	NA
zinc	114	106	**Yes**	23000	nc		5.0E-03	NA
Other Inorganics								
nitrogen, nitrate (as N)	0.28	NA	NA	130000	nc	(3)	2.2E-06	NA
phosphorus, total (as P)	251	458	No	NA			NA	NA
				Total Hazard Index:			**2E+00**	--
				Total Hazard Index (without iron):			**4E-02**	
				Total Excess Cancer Risk:			--	**1E-04**
				Total Excess Cancer Risk (without arsenic):			--	**2E-06**

Notes:

nc = PRG based on noncancer effects

ca = PRG based on cancer effects

NA = Not applicable

(1) A PRG has not been developed for 1,2,3-trichlorobenzene; therefore, the PRG for 1,2,4-trichlorobenzene was used as a surrogate based on similarities in chemical, physical, and toxicological properties.

(2) California-modified PRG.

(3) A PRG has not been developed for nitrate; therefore, a PRG was calculated according to U.S. EPA Region IX's methodology and the oral RfD provided in the Integrated Risk Information System

Table 7-6. Screening-Level Health Risk Estimates - Flare Site

Chemical	Maximum Detected Concentration (mg/kg)	95th Percentile of Ambient Soil Samples (mg/kg)	Maximum Detected Concentration Greater than 95th Percentile	U.S. EPA Region IX Residential PRG (mg/kg)			Noncancer Ratio	Cancer Ratio
Dioxins and Furans								
1,2,3,4,6,7,8-HpCDD	0.000034	NA	NA	0.00039	ca	(1)	NA	8.7E-02
1,2,3,4,6,7,8-HpCDF	0.000036	NA	NA	0.00039	ca	(1)	NA	9.2E-02
1,2,3,4,7,8,9-HpCDF	0.0000034	NA	NA	0.00039	ca	(1)	NA	8.7E-03
1,2,3,4,7,8-HxCDD	0.0000027	NA	NA	0.000039	ca	(1)	NA	6.9E-02
1,2,3,4,7,8-HxCDF	0.000037	NA	NA	0.000039	ca	(1)	NA	9.5E-01
1,2,3,6,7,8-HxCDD	0.0000063	NA	NA	0.000039	ca	(1)	NA	1.6E-01
1,2,3,6,7,8-HxCDF	0.000013	NA	NA	0.000039	ca	(1)	NA	3.3E-01
1,2,3,7,8,9-HxCDD	0.0000091	NA	NA	0.000039	ca	(1)	NA	2.3E-01
1,2,3,7,8-PeCDD	0.0000042	NA	NA	0.0000078	ca	(1)	NA	5.4E-01
1,2,3,7,8-PeCDF	0.000013	NA	NA	0.000078	ca	(1)	NA	1.7E-01
2,3,4,6,7,8-HxCDF	0.00002	NA	NA	0.000039	ca	(1)	NA	5.1E-01
2,3,4,7,8-PeCDF	0.000026	NA	NA	0.0000078	ca	(1)	NA	**3.3E+00**
2,3,7,8-TCDD	0.0000015	NA	NA	0.0000039	ca	(1)	NA	3.8E-01
2,3,7,8-TCDF	0.000019	NA	NA	0.000039	ca	(1)	NA	4.9E-01
OCDD	0.000069	NA	NA	0.0039	ca	(1)	NA	1.8E-02
OCDF	0.0000099	NA	NA	0.0039	ca	(1)	NA	2.5E-03
Metals								
aluminum	31000	27535	**Yes**	76000	nc		4.1E-01	NA
antimony	150	2.31	**Yes**	31	nc		**4.8E+00**	NA
arsenic	37.4	18.2	**Yes**	0.39	ca		NA	**9.6E+01**
barium	20000	448	**Yes**	5400	nc		**3.7E+00**	NA
beryllium	0.6	0.82	No	150	nc		NA	NA
cadmium	1.6	1.4	**Yes**	9	ca	(2)	NA	1.8E-01
chromium, total	110	63	**Yes**	210	ca		NA	5.2E-01
cobalt	42.6	23.1	**Yes**	4700	nc		9.1E-03	NA
copper	8100	71.7	**Yes**	2900	nc		**2.8E+00**	NA
iron	66000	43805	**Yes**	23000	nc		**2.9E+00**	NA
lead	7600	69.9	**Yes**	400	nc		**1.9E+01**	NA
manganese	2960	1645	**Yes**	1800	nc		**1.6E+00**	NA
mercury	0.59	0.26	**Yes**	23	nc		2.6E-02	NA
molybdenum	4.5	NA	NA	390	nc		1.2E-02	NA
nickel	98	65	**Yes**	150	ca	(2)	NA	6.5E-01
selenium	1.8	0.85	**Yes**	390	nc		4.6E-03	NA
silver	0.89	NA	NA	390	nc		2.3E-03	NA
vanadium	83	96.4	No	550	nc		NA	NA
zinc	2000	106	**Yes**	23000	nc		8.7E-02	NA
Other Inorganics								
nitrogen, nitrate (as N)	2.7	NA	NA	130000	nc	(3)	2.1E-05	NA
nitrogen, nitrite (as N)	0.23	NA	NA	7800	nc	(4)	2.9E-05	NA
phosphorus, total (as P)	614	458	**Yes**	NA			NA	NA
				Total Hazard Index:			**4E+01**	–
				Total Hazard Index (without iron and manganese):			**3E+01**	
				Total Excess Cancer Risk:			–	**1E-04**
				Total Excess Cancer Risk (without arsenic):			–	**9E-06**

Notes:

nc = PRG based on noncancer effects

ca = PRG based on cancer effects

NA = Not applicable

(1) The PRG for this dioxin/furan isomer is based on the PRG for 2,3,7,8-TCDD mulitplied by the appropriate toxicity equivalent factor (I-TEFs/89; DTSC, 1992).

(2) California-modified PRG.

(3) A PRG has not been developed for nitrate; therefore, a PRG was calculated according to U.S. EPA Region IX's methodology and the oral RfD provided in the Integrated Risk Information System.

(4) A PRG has not been developed for nitrite; therefore, a PRG was calculated according to U.S. EPA Region IX's methodology and the oral RfD provided in the Integrated Risk Information System.

Table 7-7. Screening-Level Health Risk Estimates - Demolition Site #1

Chemical	Maximum Detected Concentration (mg/kg)	95th Percentile of Ambient Soil Samples (mg/kg)	Maximum Detected Concentration Greater than 95th Percentile	U.S. EPA Region IX Residential PRG (mg/kg)			Noncancer Ratio	Cancer Ratio
Metals								
aluminum	25300	27535	No	76000	nc		NA	NA
antimony	2	2.31	No	31	nc		NA	NA
arsenic	18	18.2	No	0.39	ca		NA	NA
barium	320	448	No	5400	nc		NA	NA
beryllium	0.59	0.82	No	150	nc		NA	NA
cadmium	0.45	1.4	No	9	ca	(1)	NA	NA
chromium, total	57.8	63	No	210	ca		NA	NA
cobalt	22	23.1	No	4700	nc		NA	NA
copper	99	71.7	**Yes**	2900	nc		3.4E-02	NA
iron	48000	43805	**Yes**	23000	nc		**2.1E+00**	NA
lead	48	69.9	No	400	nc		NA	NA
manganese	1300	1645	No	1800	nc		NA	NA
mercury	0.18	0.26	No	23	nc		NA	NA
molybdenum	1	NA	NA	390	nc		2.6E-03	NA
nickel	62.3	65	No	150	ca	(1)	NA	NA
selenium	2	0.85	**Yes**	390	nc		5.1E-03	NA
silver	0.21	NA	NA	390	nc		5.4E-04	NA
vanadium	79	96.4	No	550	nc		NA	NA
zinc	130	106	**Yes**	23000	nc		5.7E-03	NA
Other Inorganics								
nitrogen, nitrate (as N)	2	NA	NA	130000	nc	(2)	1.5E-05	NA
nitrogen, nitrite (as N)	0.17	NA	NA	7800	nc	(3)	2.2E-05	NA
phosphorus, total (as P)	277	458	No	NA			NA	NA
				Total Hazard Index:			**2E+00**	–
				Total Hazard Index (without iron and manganese):			**5E-02**	
				Total Excess Cancer Risk:			–	–
				Total Excess Cancer Risk (without arsenic):			–	

Notes:

nc = PRG based on noncancer effects

ca = PRG based on cancer effects

NA = Not applicable

(1) California-modified PRG.

(2) A PRG has not been developed for nitrate; therefore, a PRG was calculated according to U.S. EPA Region IX's methodology and the oral RfD provided in the Integrated Risk Information System.

(3) A PRG has not been developed for nitrite; therefore, a PRG was calculated according to U.S. EPA Region IX's methodology and the oral RfD provided in the Integrated Risk Information System.

Table 7-8. Screening-Level Health Risk Estimates - Demolition Site #3

Chemical	Maximum Detected Concentration (mg/kg)	95th Percentile of Ambient Soil Samples (mg/kg)	Maximum Detected Concentration Greater than 95th Percentile	U.S. EPA Region IX Residential PRG (mg/kg)			Noncancer Ratio	Cancer Ratio
Metals								
aluminum	26200	27535	No	76000	nc		NA	NA
antimony	1.3	2.31	No	31	nc		NA	NA
arsenic	21.6	18.2	**Yes**	0.39	ca		NA	**5.5E+01**
barium	279	448	No	5400	nc		NA	NA
beryllium	0.64	0.82	No	150	nc		NA	NA
cadmium	1.2	1.4	No	9	ca	(1)	NA	NA
chromium, total	53.8	63	No	210	ca		NA	NA
cobalt	27.4	23.1	**Yes**	4700	nc		5.8E-03	NA
copper	82.9	71.7	**Yes**	2900	nc		2.9E-02	NA
iron	48600	43805	**Yes**	23000	nc		**2.1E+00**	NA
lead	20.9	69.9	No	400	nc		NA	NA
manganese	3290	1645	**Yes**	1800	nc		**1.8E+00**	NA
mercury	2.1	0.26	**Yes**	23	nc		9.1E-02	NA
molybdenum	0.98	NA	NA	390	nc		2.5E-03	NA
nickel	64.2	65	No	150	ca	(1)	NA	NA
selenium	2	0.85	**Yes**	390	nc		5.1E-03	NA
silver	0.18	NA	NA	390	nc		4.6E-04	NA
thallium	0.86	NA	NA	5.2	nc		1.7E-01	NA
vanadium	115	96.4	**Yes**	550	nc		2.1E-01	NA
zinc	122	106	**Yes**	23000	nc		5.3E-03	NA
Other Inorganics								
nitrogen, nitrate (as N)	0.27	NA	NA	130000	nc	(2)	2.1E-06	NA
phosphorus, total (as P)	243	458	No	NA		(3)	NA	NA
						Total Hazard Index:	**4E+00**	–
						Total Hazard Index (without iron and manganese):	**5E-01**	
						Total Excess Cancer Risk:	–	**6E-05**
						Total Excess Cancer Risk (without arsenic):	–	**NA**

Notes:

nc = PRG based on noncancer effects

ca = PRG based on cancer effects

NA = Not applicable

(1) California-modified PRG.

(2) A PRG has not been developed for nitrate; therefore, a PRG was calculated according to U.S. EPA Region IX's methodology and the oral RfD provided in the Integrated Risk Information System.

(3) A PRG has not been developed for nitrite; therefore, a PRG was calculated according to U.S. EPA Region IX's methodology and the oral RfD provided in the Integrated Risk Information System.

Table 7-9. Screening-Level Health Risk Estimates - Miscellaneous South Valley

Chemical	Maximum Detected Concentration (mg/kg)	95th Percentile of Ambient Soil Samples (mg/kg)	Maximum Detected Concentration Greater than 95th Percentile	U.S. EPA Region IX Residential PRG (mg/kg)			Noncancer Ratio	Cancer Ratio
Metals								
aluminum	19500	27535	No	76000	nc		NA	NA
arsenic	16	18.2	No	0.39	ca		NA	NA
barium	234	448	No	5400	nc		NA	NA
beryllium	0.45	0.82	No	150	nc		NA	NA
chromium, total	46.2	63	No	210	ca		NA	NA
cobalt	22.5	23.1	No	4700	nc		NA	NA
copper	71.7	71.7	No	2900	nc		NA	NA
iron	38600	43805	No	23000	nc		NA	NA
lead	9.7	69.9	No	400	nc		NA	NA
manganese	586	1645	No	1800	nc		NA	NA
mercury	11.3	0.26	**Yes**	23	nc		4.9E-01	NA
metyhl mercury	0.00622	NA	NA	6.1	nc		1.0E-03	NA
nickel	58.6	65	No	150	ca	(1)	NA	NA
selenium	1.4	0.85	**Yes**	390	nc		3.6E-03	NA
vanadium	50.9	96.4	No	550	nc		NA	NA
zinc	99.7	106	No	23000	nc		NA	NA
Other Inorganics								
phosphorus, total (as P)	230	458	No	NA			NA	NA
						Total Hazard Index:	**5E-01**	–
						Total Hazard Index (without iron):	**NA**	
						Total Excess Cancer Risk:	–	–
						Total Excess Cancer Risk (without arsenic):	–	

Notes:

nc = PRG based on noncancer effects

ca = PRG based on cancer effects

NA = Not applicable

(1) California-modified PRG.

Table 7-10. Screening-Level Health Risk Estimates - McAllister Drive Land Bridge

Chemical	Maximum Detected Concentration (mg/kg)	95th Percentile of Ambient Soil Samples (mg/kg)	Maximum Detected Concentration Greater than 95th Percentile	U.S. EPA Region IX Residential PRG (mg/kg)			Noncancer Ratio	Cancer Ratio
Metals								
aluminum	24100	27535	No	76000	nc		NA	NA
antimony	0.52	2.31	No	31	nc		NA	NA
arsenic	11.8	18.2	No	0.39	ca		NA	NA
barium	185	448	No	5400	nc		NA	NA
beryllium	0.53	0.82	No	150	nc		NA	NA
chromium, total	62.3	63	No	210	ca		NA	NA
cobalt	27.1	23.1	**Yes**	4700	nc		5.8E-03	NA
copper	63.6	71.7	No	2900	nc		NA	NA
iron	43200	43805	No	23000	nc		NA	NA
lead	9.3	69.9	No	400	nc		NA	NA
manganese	816	1645	No	1800	nc		NA	NA
mercury	0.056	0.26	No	23	nc		NA	NA
nickel	73.2	65	**Yes**	150	ca	(1)	NA	4.9E-01
selenium	1.2	0.85	**Yes**	390	nc		3.1E-03	NA
vanadium	66.7	96.4	No	550	nc		NA	NA
zinc	102	106	No	23000	nc		NA	NA
Other Inorganics								
nitrogen, nitrate (as N)	1.2	NA	NA	130000	nc	(2)	9.2E-06	NA
phosphorus, total (as P)	233	458	No	NA			NA	NA
						Total Hazard Index:	**9E-03**	–
						Total Hazard Index (without iron):	**NA**	
						Total Excess Cancer Risk:	–	**5E-07**
						Total Excess Cancer Risk (without arsenic):	–	**NA**

Notes:

nc = PRG based on noncancer effects

ca = PRG based on cancer effects

NA = Not applicable

(1) California-modified PRG.

(2) A PRG has not been developed for nitrate; therefore, a PRG was calculated according to U.S. EPA Region IX's methodology and the oral RfD provided in the Integrated Risk Information System.

Table 7-11. Screening-Level Health Risk Estimates - North Valley Groundwater

Chemical	Maximum Detected Concentration (ug/l)	U.S. EPA Region 9 Tap Water PRG (ug/l)			Noncancer Ratio	Cancer Ratio
Explosives						
2,4-dinitrotoluene	0.66	0.099	ca	(2)	NA	**6.7E+00**
2,4,6-trinitrotoluene	0.17	2.2	ca		NA	7.7E-02
4-amino-2,6-dinitrotoluene	0.38	2.2	ca	(3)	NA	1.7E-01
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	0.26	1800	nc		1.4E-04	NA
Dioxins and Furans						
OCDD	0.00026	0.00045	ca		NA	5.8E-01
Polynuclear Aromatic Hydrocarbons						
acenaphthylene	5.8	370	nc	(4)	1.6E-02	NA
anthracene	0.011	1800	nc		6.1E-06	NA
fluoranthene	0.11	1500	nc		7.3E-05	NA
Other Organics						
2-butanone	17	1900	nc		8.9E-03	NA
acetone	15	610	nc		2.5E-02	NA
bromodichloromethane	0.15	0.18	ca		NA	8.3E-01
carbon disulfide	3.7	1000	nc		3.7E-03	NA
chloroform	2.9	0.16	ca		NA	**1.8E+01**
p,p'-DDD	0.0077	0.28	ca		NA	2.8E-02
p-cymene (p-isopropyltoluene)	0.67	NA			NA	NA
Metals						
aluminum (filtered)	9700	36000	nc		2.7E-01	NA
antimony (filtered)	3.4	15	nc		2.3E-01	NA
arsenic (filtered)	11	0.045	ca		NA	**2.4E+02**
barium (filtered)	270	2600	nc		1.0E-01	NA
chromium, total (filtered)	17	55000	nc	(5)	3.1E-04	NA
cobalt (filtered)	13	2200	nc		5.9E-03	NA
copper (filtered)	16	1400	nc		1.1E-02	NA
iron (filtered)	11000	11000	nc		1.0E+00	NA
lead (filtered)	2	NA			NA	NA
manganese (filtered)	1400	880	nc		**1.6E+00**	NA
molybdenum (filtered)	36	180	nc		2.0E-01	NA
nickel (filtered)	15	730	nc		2.1E-02	NA
selenium (filtered)	6.5	180	nc		3.6E-02	NA
strontium (filtered)	2300	22000	nc		1.0E-01	NA
thallium (filtered)	5.8	2.4	nc		**2.4E+00**	NA
vanadium (filtered)	25	260	nc		9.6E-02	NA
zinc (filtered)	75	11000	nc		6.8E-03	NA
Other Inorganics						
nitrogen, nitrate (as N)	6000	10000	nc		6.0E-01	NA
nitrogen, nitrite (as N)	700	1000	nc		7.0E-01	NA
phosphorus, total as P (filtered)	150	NA			NA	NA
		Total Hazard Index:			**7E+00**	–
		Total Excess Cancer Risk:			–	**3E-04**

Table 7-11. Screening-Level Health Risk Estimates - North Valley Groundwater

Chemical	Maximum Detected Concentration (ug/l)	U.S. EPA Region 9 Tap Water PRG (ug/l)			Noncancer Ratio	Cancer Ratio
Explosives						
2,4-dinitrotoluene	0.66	0.099	ca	(2)	NA	**6.7E+00**
2,4,6-trinitrotoluene	0.17	2.2	ca		NA	7.7E-02
4-amino-2,6-dinitrotoluene	0.38	2.2	ca	(3)	NA	1.7E-01
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	0.26	1800	nc		1.4E-04	NA
Dioxins and Furans						
OCDD	0.00026	0.00045	ca		NA	5.8E-01
Polynuclear Aromatic Hydrocarbons						
acenaphthylene	5.8	370	nc	(4)	1.6E-02	NA
anthracene	0.011	1800	nc		6.1E-06	NA
fluoranthene	0.11	1500	nc		7.3E-05	NA
Other Organics						
2-butanone	17	1900	nc		8.9E-03	NA
acetone	15	610	nc		2.5E-02	NA
bromodichloromethane	0.15	0.18	ca		NA	8.3E-01
carbon disulfide	3.7	1000	nc		3.7E-03	NA
chloroform	2.9	0.16	ca		NA	**1.8E+01**
p,p'-DDD	0.0077	0.28	ca		NA	2.8E-02
p-cymene (p-isopropyltoluene)	0.67	NA			NA	NA
Metals						
aluminum	37900	36000	nc		**1.1E+00**	NA
antimony	2.4	15	nc		1.6E-01	NA
arsenic	19	0.045	ca		NA	**4.2E+02**
barium	1000	2600	nc		3.8E-01	NA
chromium, total	73	55000	nc	(5)	1.3E-03	NA
cobalt	8.4	2200	nc		3.8E-03	NA
copper	90	1400	nc		6.4E-02	NA
iron	55500	11000	nc		**5.0E+00**	NA
lead	92	NA			NA	NA
manganese	1400	880	nc		**1.6E+00**	NA
mercury	0.09	11	nc		8.2E-03	NA
molybdenum	36	180	nc		2.0E-01	NA
nickel	80	730	nc		1.1E-01	NA
selenium	4.7	180	nc		2.6E-02	NA
strontium	2200	22000	nc		1.0E-01	NA
vanadium	110	260	nc		4.2E-01	NA
zinc	140	11000	nc		1.3E-02	NA
Other Inorganics						
nitrogen, nitrate (as N)	6000	10000	nc		6.0E-01	NA
nitrogen, nitrite (as N)	700	1000	nc		7.0E-01	NA
phosphorus, total as P	480	NA			NA	NA
			Total Hazard Index:		**1E+01**	–
			Total Excess Cancer Risk:		–	**4E-04**

Notes:
nc = PRG based on noncancer effects
ca = PRG based on cancer effects
(1) Based on grab groundwater samples collected from the North Valley Military Landfill and monitoring well samples collected from other areas in the North Valley
(2) A PRG has not been developed for 2-amino-4,6-dinitrotoluene, 4-amino-2,6-dinitrotoluene, or the mixture of the two (reported as amino-dnts. These compounds are metabolites of 2,4,6-trinitrotoluene (TNT). It is unknown if the observed toxicity in studies of TNT is the result of the parent compound or the metabolites (ATSDR, 1995). Therefore, the PRG for TNT was used for these compounds as a surrogate.
(3) PRG for dinitrotoluene mixture.
(4) A tapwater PRG has not been developed for acenapthylene; therefore, the tapwater PRG for acenapthene was used as a surrogate based on similarities in chemical, physical, and toxicological properties.
(5) PRG for trivalent chromium; the significantly lower chromium concentration in the filtered sample indicates that chromium is present in the insoluble trivalent form

Table 7-12. Screening-Level Health Risk Estimates - South Valley Groundwater[1]

FILTERED GROUNDWATER

Chemical	Maximum Detected Concentration (ug/l)	U.S. EPA Region 9 Tap Water PRG (ug/l)			Noncancer Ratio	Cancer Ratio
Explosives						
3-nitrotoluene	0.59	61	nc		9.7E-03	NA
Polynuclear Aromatic Hydrocarbons						
acenaphthylene	1.1	370	nc	(2)	3.0E-03	NA
Metals						
aluminum (filtered)	3900	36000	nc		1.1E-01	NA
barium (filtered)	110	2600	nc		4.2E-02	NA
chromium, total (filtered)	9.9	55000	nc	(3)	1.8E-04	NA
copper (filtered)	9.4	1400	nc		6.7E-03	NA
iron (filtered)	7300	11000	nc		6.6E-01	NA
manganese (filtered)	470	880	nc		5.3E-01	NA
molybdenum (filtered)	1.7	180	nc		9.4E-03	NA
nickel (filtered)	9.4	730	nc		1.3E-02	NA
strontium (filtered)	920	22000	nc		4.2E-02	NA
thallium (filtered)	3.1	2.4	nc		**1.3E+00**	NA
vanadium (filtered)	17	260	nc		6.5E-02	NA
zinc (filtered)	34	11000	nc		3.1E-03	NA
Other Inorganics						
nitrogen, nitrate (as N)	65	10000	nc		6.5E-03	NA
phosphorus, total as P (filtered)	170	NA			NA	NA
			Total Hazard Index:		**3E+00**	**--**
			Total Excess Cancer Risk:		**--**	**0E+00**

UNFILTERED GROUNDWATER

Chemical	Maximum Detected Concentration (ug/l)	U.S. EPA Region 9 Tap Water PRG (ug/l)			Noncancer Ratio	Cancer Ratio
Explosives						
3-nitrotoluene	0.59	61	nc		9.7E-03	NA
Polynuclear Aromatic Hydrocarbons						
acenaphthylene	1.1	370	nc	(2)	3.0E-03	NA
Metals						
aluminum	22.7	36000	nc		6.3E-04	NA
arsenic	9.4	0.045	ca		NA	**2.1E+02**
barium	260	2600	nc		1.0E-01	NA
chromium, total	46	55000	nc	(3)	8.4E-04	NA
cobalt	10	2200	nc		4.5E-03	NA
copper	43	1400	nc		3.1E-02	NA
iron	28700	11000	nc		**2.6E+00**	NA
lead	4.3	NA			NA	NA
manganese	690	880	nc		7.8E-01	NA
mercury	0.065	11	nc		5.9E-03	NA
molybdenum	1.7	180	nc		9.4E-03	NA
nickel	45	730	nc		6.2E-02	NA
strontium	840	22000	nc		3.8E-02	NA
vanadium	63	260	nc		2.4E-01	NA
zinc	82	11000	nc		7.5E-03	NA
Other Inorganics						
nitrogen, nitrate (as N)	65	10000	nc		6.5E-03	NA
phosphorus, total as P	210	NA			NA	NA
			Total Hazard Index:		**4E+00**	**--**
			Total Excess Cancer Risk:		**--**	**2E-04**

Notes:

nc = PRG based on noncancer effects

ca = PRG based on cancer effects

(1) Based on monitoring well samples collected from the South Valley.

(2) A tapwater PRG has not been developed for acenapthylene; therefore, the tapwater PRG for acenapthene was used as a surrogate based on similarities in chemical, physical, and toxicological properties.

(3) PRG for trivalent chromium; the significantly lower chromium concentration in the filtered sample indicates that chromium is present in the insoluble trivalent form.

Table 7-13. Screening-Level Health Risk Estimates - South Valley Surface Water[1]

FILTERED GROUNDWATER

Chemical	Maximum Detected Concentration (ug/l)	U.S. EPA Region 9 Tap Water PRG (ug/l)		Noncancer Ratio	Cancer Ratio
Explosives					
2,4,6-trinitrotoluene	2.2	2.2	ca	NA	1.0E+00
Metals					
aluminum (filtered)	200	36000	nc	5.6E-03	NA
barium (filtered)	98	2600	nc	3.8E-02	NA
copper (filtered)	4.6	1400	nc	3.3E-03	NA
manganese (filtered)	150	880	nc	1.7E-01	NA
nickel (filtered)	1.3	730	nc	1.8E-03	NA
vanadium (filtered)	4.6	260	nc	1.8E-02	NA
zinc (filtered)	7.2	11000	nc	6.5E-04	NA
		Total Hazard Index:		**2E-01**	**–**
		Total Excess Cancer Risk:		**–**	**1E-06**

UNFILTERED GROUNDWATER

Chemical	Maximum Detected Concentration (ug/l)	U.S. EPA Region 9 Tap Water PRG (ug/l)			Noncancer Ratio	Cancer Ratio
Explosives						
2,4,6-trinitrotoluene	2.2	2.2	ca		NA	1.0E+00
Metals						
aluminum	3700	36000	nc		1.0E-01	NA
barium	120	2600	nc		4.6E-02	NA
chromium, total	6.6	55000	nc	(2)	1.2E-04	NA
copper	5.2	1400	nc		3.7E-03	NA
iron	4100	11000	nc		3.7E-01	NA
manganese	220	880	nc		2.5E-01	NA
mercury	0.077	11	nc		7.0E-03	NA
vanadium	14	260	nc		5.4E-02	NA
		Total Hazard Index:			**8E-01**	**–**
		Total Excess Cancer Risk:			**–**	**1E-06**

Notes:
nc = PRG based on noncancer effects
ca = PRG based on cancer effects
(1) Based on samples collected from intermittent seeps and the wetland in the South Valley
(2) PRG for trivalent chromium; the absence of chromium in the filtered sample indicates that chromium is present in the insoluble trivalent form.

Table 7-14. Identification of Compounds of Interest for Ecological Receptors in Non-Native Grassland Habitat - TNT Strips

Chemical	Maximum Detected Concentration (mg/kg)	95th Percentile of Ambient Soil Samples (mg/kg)	Maximum Detected Concentration Greater than 95th Percentile	Ecological Screening Criteria [1] (mg/kg)	Basis for Ecological Screening Criteria	Site Concentration > Criterion?	
Explosives							
1,3,5-trinitrobenzene	310	NA	NA	NA		NA	
1,3-dinitrobenzene	7.5	NA	NA	6.3	Bird - Hawk	**Yes**	
2,4,6-trinitrotoluene	380000	NA	NA	10	Mammal - Deer	**Yes**	
2,4-dinitrotoluene	110	NA	NA	8.1	Mammal - Deer	**Yes**	
2,6-dinitrotoluene	1.2	NA	NA	4	Mammal - Deer	No	
2-amino-4,6-dinitrotoluene	12	NA	NA	80	Plants	No	
2-nitrotoluene	1.4	NA	NA	NA		NA	
3-nitrotoluene	4.6	NA	NA	NA		NA	
4-amino-2,6-dinitrotoluene	9.9	NA	NA	NA		NA	
4-nitrotoluene	11	NA	NA	NA		NA	
amino-dnts	80	NA	NA	NA		NA	
hexahydro-1,3,5-trinitro-1,3,5,7-tetrazocine	18	NA	NA	95	Invertebrates	No	
nitrobenzene	3.7	NA	NA	40	Invertebrates	No	
nitroglycerin	0.6	NA	NA	NA		NA	
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	3.6	NA	NA	NA		NA	
tetryl	5.7	NA	NA	25	Plants	No	
Polynuclear Aromatic Hydrocarbons							
benzo(a)anthracene	0.0074	NA	NA	0.09	Bird - Hawk	No	
chrysene	0.0074	NA	NA	0.16	Bird - Hawk	No	
fluoranthene	0.049	NA	NA	NA		NA	
naphthalene	0.013	NA	NA	NA		NA	
phenanthrene	0.061	NA	NA	NA		NA	
pyrene	0.049	NA	NA	NA		NA	
Metals							
aluminum	29200	27535	**Yes**	27535	Ambient	**Yes**	(2)
antimony	2.5	2.24	**Yes**	5	Plants	No	
arsenic	25.3	18	**Yes**	60	Invertebrates	No	
barium	370	419	No	500	Plants	No	
beryllium	1	0.83	**Yes**	10	Plants	No	
cadmium	0.83	1.52	No	4	Plants	No	
chromium, total	85.4	64.8	**Yes**	240	Bird - Hawk	No	
cobalt	28.1	22.6	**Yes**	220	Bird - Hawk	No	
copper	82.4	71.8	**Yes**	100	Plants	No	
iron	51000	43805	**Yes**	NA		NA	
lead	51.6	78.8	No	170	Bird - Hawk	No	
manganese	3800	1645	**Yes**	16000	Mammal - Deer	No	
mercury	0.099	0.26	No	0.3	Plants	No	
molybdenum	1.2	NA	NA	2	Plants	No	
nickel	110	65.5	**Yes**	200	Invertebrates	No	
selenium	1.7	1.35	**Yes**	3.2	Mammal - Deer	No	
silver	0.54	0.38	**Yes**	2	Plants	No	
vanadium	100	101	No	1900	Bird - Hawk	No	
zinc	109	115	No	200	Invertebrates	No	
Other Inorganics							
phosphorus, total (as P)	485	458	**Yes**	NA		NA	

Notes:
NA = Not applicable
(1) Equal to the lowest value developed for plants, invertebrates, mammals (deer), and/or birds (hawk) that is greater than the 95th percentile of background (see Appendix F, Tables F-1, F-3, and F-4).
(2) The Ecological Soil Screening Level Guidance inidcates that aluminum should be considered to be of potential concern only for soils where pH values are less than 5.5 (EPA, 2000b)

Table 7-15. Identification of Compounds of Interest for Ecological Receptors in Non-Native Grassland Habitat - Flare Site

Chemical	Maximum Detected Concentration (mg/kg)	95th Percentile of Ambient Soil Samples (mg/kg)	Maximum Detected Concentration Greater than 95th Percentile	Ecological Screening Criteria [1] (mg/kg)	Basis for Ecological Screening Criteria	Site Concentration > Criterion?	
Dioxins and Furans							
1,2,3,4,6,7,8-HpCDD	0.000034	NA	NA	0.032	Mammal - Deer	No	
1,2,3,4,6,7,8-HpCDF	0.000036	NA	NA	0.032	Mammal - Deer	No	
1,2,3,4,7,8,9-HpCDF	0.0000034	NA	NA	0.032	Mammal - Deer	No	
1,2,3,4,7,8-HxCDD	0.0000027	NA	NA	0.0032	Mammal - Deer	No	
1,2,3,4,7,8-HxCDF	0.000037	NA	NA	0.0032	Mammal - Deer	No	
1,2,3,6,7,8-HxCDD	0.0000063	NA	NA	0.0032	Mammal - Deer	No	
1,2,3,6,7,8-HxCDF	0.000013	NA	NA	0.0032	Mammal - Deer	No	
1,2,3,7,8,9-HxCDD	0.0000091	NA	NA	0.0032	Mammal - Deer	No	
1,2,3,7,8-PeCDD	0.0000042	NA	NA	0.00031	Mammal - Deer	No	
1,2,3,7,8-PeCDF	0.000013	NA	NA	0.0064	Mammal - Deer	No	
2,3,4,6,7,8-HxCDF	0.00002	NA	NA	0.0031	Mammal - Deer	No	
2,3,4,7,8-PeCDF	0.000026	NA	NA	0.0006	Mammal - Deer	No	
2,3,7,8-TCDD	0.0000015	NA	NA	0.00031	Mammal - Deer	No	
2,3,7,8-TCDF	0.000019	NA	NA	0.0016	Mammal - Deer	No	
OCDD	0.000069	NA	NA	3.2	Mammal - Deer	No	
OCDF	0.0000099	NA	NA	3.2	Mammal - Deer	No	
Metals							
aluminum	31000	27535	**Yes**	27535	Ambient	**Yes**	(2)
antimony	150	2.24	**Yes**	5	Plants	**Yes**	
arsenic	37.4	18	**Yes**	60	Invertebrates	No	
barium	20000	419	**Yes**	500	Plants	**Yes**	
beryllium	0.6	0.83	No	10	Plants	No	
cadmium	1.6	1.52	**Yes**	4	Plants	No	
chromium, total	110	64.8	**Yes**	240	Bird - Hawk	No	
cobalt	42.6	22.6	**Yes**	220	Bird - Hawk	No	
copper	8100	71.8	**Yes**	100	Plants	**Yes**	
iron	66000	43805	**Yes**	NA		NA	
lead	7600	78.8	**Yes**	170	Bird - Hawk	**Yes**	
manganese	2960	1645	**Yes**	16000	Mammal - Deer	No	
mercury	0.59	0.26	**Yes**	0.3	Plants	**Yes**	
molybdenum	4.5	NA	NA	2	Plants	**Yes**	
nickel	98	65.5	**Yes**	200	Invertebrates	No	
selenium	1.8	1.35	**Yes**	3.2	Mammal - Deer	No	
silver	0.89	0.38	**Yes**	2	Plants	No	
vanadium	83	101	No	1900	Bird - Hawk	No	
zinc	2000	115	**Yes**	200	Invertebrates	**Yes**	
Other Inorganics							
nitrogen, nitrate (as N)	2.7	NA	NA	160000	Mammal - Deer	No	
nitrogen, nitrite (as N)	0.23	NA	NA	NA		NA	
phosphorus, total (as P)	614	458	**Yes**	NA		NA	

Notes:
NA = Not applicable
(1) Equal to the lowest value developed for plants, invertebrates, mammals (deer), and/or birds (hawk) that is greater than the 95th percentile of background (see Appendix F, Tables F-1, F-3, and F-4).
(2) The Ecological Soil Screening Level Guidance inidcates that aluminum should be considered to be of potential concern only for soils where pH values are les than 5.5 (EPA, 2000b)

Table 7-16. Identification of Compounds of Interest for Ecological Receptors in Non-Native Grassland Habitat - Demolition Site #1

Chemical	Maximum Detected Concentration (mg/kg)	95th Percentile of Ambient Soil Samples (mg/kg)	Maximum Detected Concentration Greater than 95th Percentile	Ecological Screening Criteria [1] (mg/kg)	Basis for Ecological Screening Criteria	Site Concentration > Criterion?
Metals						
aluminum	25300	27535	No	27535	Ambient	No
antimony	2	2.24	No	5	Plants	No
arsenic	18	18	No	60	Invertebrates	No
barium	320	419	No	500	Plants	No
beryllium	0.59	0.83	No	10	Plants	No
cadmium	0.45	1.52	No	4	Plants	No
chromium, total	57.8	64.8	No	240	Bird - Hawk	No
cobalt	22	22.6	No	220	Bird - Hawk	No
copper	99	71.8	**Yes**	100	Plants	No
iron	48000	43805	**Yes**	NA		NA
lead	48	78.8	No	170	Bird - Hawk	No
manganese	1300	1645	No	16000	Mammal - Deer	No
mercury	0.18	0.26	No	0.3	Plants	No
molybdenum	1	NA	NA	2	Plants	No
nickel	62.3	65.5	No	200	Invertebrates	No
selenium	2	1.35	**Yes**	3.2	Mammal - Deer	No
silver	0.21	0.38	No	2	Plants	No
vanadium	79	101	No	1900	Bird - Hawk	No
zinc	130	115	**Yes**	200	Invertebrates	No
Other Inorganics						
nitrogen, nitrate (as N)	2	NA	NA	160000	Mammal - Deer	No
nitrogen, nitrite (as N)	0.17	NA	NA	NA		NA
phosphorus, total (as P)	277	458	No	NA		NA

Notes:
NA = Not applicable
(1) Equal to the lowest value developed for plants, invertebrates, mammals (deer), and/or birds (hawk) that is greater than the 95th percentile of background (see Appendix F, Tables F-1, F-3, and F-4).

Table 7-17. Identification of Compounds of Interest for Ecological Receptors in Non-Native Grassland Habitat - Demolition Site #3

Chemical	Maximum Detected Concentration (mg/kg)	95th Percentile of Ambient Soil Samples (mg/kg)	Maximum Detected Concentration Greater than 95th Percentile	Ecological Screening Criteria [1] (mg/kg)	Basis for Ecological Screening Criteria	Site Concentration > Criterion?
Metals						
aluminum	26200	27535	No	27535	Ambient	No
antimony	1.3	2.24	No	5	Plants	No
arsenic	21.6	18	**Yes**	60	Invertebrates	No
barium	279	419	No	500	Plants	No
beryllium	0.64	0.83	No	10	Plants	No
cadmium	1.2	1.52	No	4	Plants	No
chromium, total	53.8	64.8	No	240	Bird - Hawk	No
cobalt	27.4	22.6	**Yes**	220	Bird - Hawk	No
copper	82.9	71.8	**Yes**	100	Plants	No
iron	48600	43805	**Yes**	NA		NA
lead	20.9	78.8	No	170	Bird - Hawk	No
manganese	3290	1645	**Yes**	16000	Mammal - Deer	No
mercury	2.1	0.26	**Yes**	0.3	Plants	**Yes**
molybdenum	0.98	NA	NA	2	Plants	No
nickel	64.2	65.5	No	200	Invertebrates	No
selenium	2	1.35	**Yes**	3.2	Mammal - Deer	No
silver	0.18	0.38	No	2	Plants	No
thallium	0.86	NA	NA	4.2	Mammal - Deer	No
vanadium	115	101	**Yes**	1900	Bird - Hawk	No
zinc	122	115	**Yes**	200	Invertebrates	No
Other Inorganics						
nitrogen, nitrate (as N)	0.27	NA	NA	160000	Mammal - Deer	No
phosphorus, total (as P)	243	458	No	NA		NA

Notes:
NA = Not applicable
(1) Equal to the lowest value developed for plants, invertebrates, mammals (deer), and/or birds (hawk) that is greater than the 95th percentile of background (see Appendix F, Tables F-1, F-3, and F-4).

Table 7-18. Comparison of Maximum Measured Site Concentration to Water Quality Criteria for the Protection of Aquatic Organisms

Chemical	Maximum Wetland Water Concentrations (µg/L)	Water Quality Criterion (1) (µg/L)	Site Concentration > Criterion?	
Explosives				
2,4,6-trinitrotoluene	2.2	90	No	
Metals				
aluminum (filtered)	200	87	**Yes**	(2)
barium (filtered)	98	NC	NA	
copper (filtered)	4.6	9	No	
manganese (filtered)	150	NC	NA	
nickel (filtered)	1.3	52	No	
vanadium (filtered)	4.6	NC	NA	
zinc (filtered)	7.2	120	No	

Notes:

NC = no relevant criteria available

NA = not applicable

(1) See Appendix F, Table F-5, for source information.

(2) Water quality criterion for aluminum is based on toxicity data from a study at low pH and water hardness; aluminum is less toxic at neutral pH and hardness. USEPA is aware that many high quality waters in the United States contain more than 87 mg aluminum/L.

Table 7-19. Comparison of Maximum Measured Site Concentration to Sediment Quality Criteria for the Protection of Aquatic Organisms or Birds.

Chemical	Maximum Sediment Concentration (mg/kg)	Chronic Sediment Quality Criterion (1) (mg/kg)	Site Concentration > Criterion?	
Explosives				
2,4,6 trinitrotoluene	1.5	55	No	
Polynuclear Aromatic Hydrocarbons				
benzo(b)fluoranthene	0.094	240	No	
Metals				
aluminum	20600	58030	No	
arsenic	9.9	12.1	No	
barium	224	NC	NA	
beryllium	0.47	NC	NA	
chromium, total	43.3	56	No	
cobalt	13.9	NC	NA	
copper	56.3	28	**Yes**	
iron	36600	20000	**Yes**	(2)
lead	18.9	34.2	No	
manganese	1680	1673	**Yes**	
mercury	1.3	0.2	**Yes**	
methyl mercury	0.00122	0.02	No	(3)
nickel	39	39.6	No	
selenium	2.1	NC	NA	
vanadium	78.9	NC	NA	
zinc	116	159	No	
Other Inorganics				
nitrogen, nitrate (as N)	0.69	NC	NA	
phosphorus, total (as P)	472	NC	NA	

Notes:

NC - No relevant criteria available.

NA - Not applicable

(1) See Appendix F, Table F-6, for source information for criteria based on protection of aquatic organisms (all chemicals except methyl mercury) or Appendix F, Table F-7 for source information for criteria based on protection of birds (methyl mercury only).

(2) Iron normal occurs at percent levels in sediment and is generaly only bioavailable (and potentially toxic) in acidic (low pH) conditions.

(3) Sediment quality criterion for methyl mercury based on protection of birds that consume sediment and sediment organisms.

Table 7-20. Soil Remediation Goals for Explosives - Residential Scenario

Noncarcinogenic Chemicals

Chemical	Absorption Factor (ABS)	Oral Reference Dose (RfDo) (mg/kg-day)	Inhalation Reference Dose (RfDi) (mg/kg-day)	Volatilization Factor (VFs)/ Particulate Emission Factor (PEF) (m3/kg)	Remediation Goal (mg/kg)
2,4,6-Trinitrotoluene	0.1	0.0005	0.0005	1.32E+09	31
2,6-Dintrotoluene	0.1	0.001	0.001	1.32E+09	61

Residential

$$\text{Remediation Goal-soil} = \frac{THQ \times BWc \times ATn}{(EFr \times EDc)\,[(1/RfDo \times (IRSc/CF)) + (1/RfDo \times (SAc \times AFc \times ABS/CF)) + (1/RfDi \times (IRAc/VFs \text{ or } PEF))]}$$

Carcinogenic Chemicals

Chemical	Dermal Absorption Factor (ABS)	Oral Cancer Slope Factor (CSFo) $(mg/kg\text{-}day)^{-1}$	Inhalation Cancer Slope Factor (CSFi) $(mg/kg\text{-}day)^{-1}$	Volatilization Factor (VFs)/ Particulate Emission Factor (PEF) (m3/kg)	Remediation Goal (mg/kg)
2,4,6-Trinitrotoluene	0.1	0.03	0.03	1.32E+09	16
2,6-Dintrotoluene	0.1	24	24	1.32E+09	0.02

SF for 2,6-DNT from Cal/EPA, 1994b.

Residential

$$\text{Remediation Goal-soil} = \frac{TR \times ATc}{EFr \times [((IFSadj \times CSFo)/CF) + ((SFSa \times ABS \times CSFo)/CF) + ((InhFadj \times CSFi)/VFs \text{ or } PEF)]}$$

Parameter	Residential Child		Units
Target Risk	TR	1E-06	unitless
Target Hazard Quotient	THQ	1	unitless
Body Weight	BWc	15	kg
Averaging Time-Cancer	ATca	25550	days
Averaging Time-Noncancer	ATn	2190	days
Exposure Frequency	EFr	350	days/yr
Exposure Duration	EDc	6	yr
Soil Ingestion Rate	IRSc	200	mg/day
Conversion Factor	CF	1E+06	mg/kg
Skin Area	SAc	2800	cm^2
Adherence Factor	AFc	0.2	mg/cm^2
Inhalation Rate	IRAc	10	m^3/day
Age Adjusted Soil Ingestion Factor	IFSadj	114	mg-yr/kg-d
Age Adjusted Skin Contact Factor	SFSadj	361	mg-yr/kg-d
Age-Adjusted Inhalation Rate Factor	InhFadj	11	m^3-yr/kg-d
Particulate Emission Factor	PEF	1.32E+09	m^3/kg

Source: EPA Region 9 Preliminary Remediation Goal (PRG) Equations - 2000 Methodology and Assumptions (EPA, 2000a)

Table 7-21. Hypothetical Residual Risk Evaluation - TNT Strips

Chemical	Number of Samples	Number of Detects	Maximum Detect (mg/kg)	95% UCL (1) (mg/kg)	Residential PRG (mg/kg) Noncancer Effects		Residential PRG (mg/kg) Cancer Effects		Noncancer Ratio (based on Residential PRG)	Cancer Ratio (based on Residential PRG)
1,3,5-Trinitrobenzene	261	37	210	13.3	1800		NA		0.0074	NA
1,3-Dinitrobenzene	261	4	7.5	0.766	6.1		NA		0.13	NA
2,4,6-Trinitrotoluene	261	85	16	2.16	31		16		0.070	0.14
2,4-Dinitrotoluene	261	7	2.5	0.737	120		0.72	(2)	0.0061	1.0
2,6-Dinitrotoluene	261	0	NA	NA	61		0.02	(3,4)	NA	NA
2-Amino-4,6-dinitrotoluene	32	10	3.1	3.10	31	(5)	16	(5)	0.10	0.19
2-Nitrotoluene	261	2	1.4	0.715	370		NA		0.0019	NA
3-Nitrotoluene	261	2	0.49	0.490	370		NA		0.0013	NA
4-Amino-2,6-dinitrotoluene	35	7	8.7	4.15	31	(5)	16	(5)	0.13	0.26
4-Nitrotoluene	261	4	11	0.781	370		NA		0.0021	NA
Amino-dinitrotoluenes (total)	226	69	18	2.12	31	(5)	16	(5)	0.069	0.13
Hexahydro-1,3,5-trinitro-1,3,5,7-tetrazocine (RDX)	261	4	1.1	0.717	180		4.4		0.0040	0.16
Nitrobenzene	261	1	2	0.720	20		NA		0.036	NA
Nitroglycerin	35	10	0.6	0.564	NA		35		NA	0.016
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	261	0	NA	NA	3100		NA		NA	NA
Pentaerythritol tetranitrate (PETN)	35	0	NA	NA	NA		NA		NA	NA
Tetryl	261	1	2	0.715	61	(3)	NA		0.012	NA
					Total Hazard Index:				0.6	--
					Total Excess Cancer Risk:				–	2E-06

Notes:
NA = Not applicable
95% UCL = 95 percent upper confidence limit on the arithmetic mean
PRG = Preliminary remediation goal
(1) Calculated according to U.S. EPA (1992) methodology; maximum concentration used when 95% UCL exceed the maximum concentration.
(2) PRG for dinitrotoluene mixture.
(3) PRG calculated according to Region IX methodology using toxicity criterion from Cal-EPA (1994b).
(4) Calculated PRG is less than the analytical detection limit.
(5) A PRG has not been developed for 2-amino-4,6-dinitrotoluene, 4-amino-2,6-dinitrotoluene, or the mixture of the two (amino-dinitrotoluene [total]). These compounds are metabolites of 2,4,6-trinitrotoluene (TNT). It is unknown if the observed toxicity in studies of TNT results from the parent compound or the metabolites (ATSDR, 1995). Therefore, the PRG for TNT was used for these compounds as a surrogate.

Table 7-22. Soil Remediation Goals for Explosives - Recreational Scenario

Noncarcinogenic Chemicals

Chemical	Absorption Factor (ABS)	Oral Reference Dose (RfDo) (mg/kg-day)	Inhalation Reference Dose (RfDi) (mg/kg-day)	Volatilization Factor (VFs)/ Particulate Emission Factor (PEF) (m3/kg)	Remediation Goal-Youth (mg/kg)	Remediation Goal Adult (mg/kg)
2,4,6-Trinitrotoluene	0.1	0.0005	0.0005	1.32E+09	140	1800
2,6-Dintrotoluene	0.1	0.001	0.001	1.32E+09	270	3500

Recreational - Youth

$$\text{Remediation Goal-soil} = \frac{THQ \times BWc \times ATn}{(EFc \times EDc)\,[(1/RfDo \times (IRSc/CF)) + (1/RfDo \times (SAc \times AFc \times ABS/CF)) + (1/RfDi \times (IRAc/VFs \text{ or } PEF))]}$$

Recreational - Adult

$$\text{Remediation Goal-soil} = \frac{THQ \times BWa \times ATn}{(EFa \times EDa)\,[(1/RfDo \times (IRSa/CF)) + (1/RfDo \times (SAa \times AFa \times ABS/CF)) + (1/RfDi \times (IRAa/VFs \text{ or } PEF))]}$$

Carcinogenic Chemicals

Chemical	Dermal Absorption Factor (ABS)	Oral Cancer Slope Factor (CSFo) $(mg/kg\text{-}day)^{-1}$	Inhalation Cancer Slope Factor (CSFi) $(mg/kg\text{-}day)^{-1}$	Volatilization Factor (VFs)/ Particulate Emission Factor (PEF) (m3/kg)	Remediation Goal-Youth (mg/kg)	Remediation Goal Adult (mg/kg)
2,4,6-Trinitrotoluene	0.1	0.03	0.03	1.32E+09	53	270
2,6-Dintrotoluene	0.1	24	24	1.32E+09	0.066	0.34

SF for 2,6-DNT from Cal/EPA, 1994b

Recreational - Youth

$$\text{Remediation Goal-soil} = \frac{TR \times BWc \times ATc}{(EFc \times EFc)[((IRSc \times CSFo)/CF) + ((SAc \times AFc \times ABS \times CSFo)/CF) + ((IRAc \times CSFi)/VFs \text{ or } PEF)]}$$

Recreational - Adult

$$\text{Remediation Goal-soil} = \frac{TR \times BWa \times ATc}{(EFa \times EFa)[((IRSa \times CSFo)/CF) + ((SAa \times AFa \times ABS \times CSFo)/CF) + ((IRAa \times CSFi)/VFs \text{ or } PEF)]}$$

Parameter	Recreational-Youth		Recreational-Adult	
Target Risk	TR	1E-06	TR	1E-06
Target Hazard Quotient	THQ	1	THQ	1
Body Weight (1)	BWc	36	BWa	70
Averaging Time-Cancer	ATca	25550	ATca	25550
Averaging Time-Noncancer	ATn	4380	ATn	10950
Exposure Frequency (2)	EFc	260	EFa	52
Exposure Duration (3)	EDc	12	EDa	30
Soil Ingestion Rate (4)	IRSc	120	IRSa	100
Conversion Factor	CF	1E+06	CF	1E+06
Skin Area (5)	SAc	3300	SAa	5700
Adherence Factor	AFc	0.2	AFa	0.07
Inhalation Rate	IRAc	20	IRAa	20
Particulate Emission Factor	PEF	1.32E+09	PEF	1.32E+09

Source: EPA Region 9 Preliminary Remediation Goal (PRG) Equations - 2000 Methodology and Assumptions (EPA, 2000a), unless otherwise note

Notes:
(1) Youth body weight based on the mean body weight for a 10 year old (EPA, 1997)
(2) Youth exposure frequency adapted from youth recreational scenarios presented in Cal/EPA, 1992; adult exposure frequency based on professional judgment
(3) Youth exposure duration based on a 5 to 17 year old (Cal/EPA, 1992).
(4) Youth ingestion rate based on 2 years at 200 mg/day and 10 years at 100 mg/day
(5) Youth skin area based on mean surface area for head, arms, and hands of a 10 year old child (EPA, 1997).

Table 8-1. Summary of Planned Supplemental Non-OE Investigation After Sitewide OE Point Clearance
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Area of Interest	Outstanding Issue	When Issue is to be Addressed	Document that will present Scope of Work	Chemicals to be Considered
TNT Strips	Lateral and vertical extent of explosives impact associated with TNT Strips (including possible 6th strip identified during the updated aerial photographic review between TNT Strips #3 and #4).	During remediation through excavation confirmation sampling.	Details of excavation are confirmation sampling plan are presented in non-OE RDD.	Explosives.
	Lateral extent of explosives impact to east beyond the Project Site boundary.	During remediation through excavation confirmation sampling.	Details of excavation confirmation sampling plan are presented in non-OE RDD.	Explosives.
	Lateral and vertical extent of TNT-impacted soil between TNT Strip #4 and sample location TNT-R-6.	During remediation through excavation confirmation sampling.	Details of excavation confirmation sampling plan are presented in non-OE RDD.	Explosives.
	Lateral and vertical extent of petroleum hydrocarbons, nitrates, PAHs, and dioxins/furans.	During remediation of TNT Strips through excavation confirmation sampling.	Details of excavation confirmation sampling plan are presented in non-OE RDD.	Ten percent of confirmation samples will be analyzed for TEPHs, nitrates, PAHs, and dioxins/furans.
Howitzer Test Facility Stockpile #3	Off-site disposal of stockpile material.	During remediation through additional sampling of stockpile material at a frequency required by the disposal facility and confirmation beneath stockpile after removal.	Details of stockpile and confirmation sampling plan are presented in non-OE RDD.	Supplemental stockpile analyses to be determined by the disposal facility.
	Vertical extent of stockpile material.			Confirmation sampling beneath stockpile for chemicals identified in the stockpiles (TEPH and PAHs).

Table 8-1. Summary of Planned Supplemental Non-OE Investigation After Sitewide OE Point Clearance
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Area of Interest	Outstanding Issue	When Issue is to be Addressed	Document that will present Scope of Work	Chemicals to be Considered
Ammunition Renovation/ Primer Destruction Site	Removal of possible UST (point source)	Geophysical anomaly will be investigated as part of sitewide OE point clearance. Area of the geophysical anomaly will be excavated to determine the existence of an UST. If an UST is identified, it will be removed in accordance with the Regional Water Quality Control Board guidelines. Additional investigation will be performed including soil boreholes or installation of monitoring wells, if conditions warrant. Overexcavation will be conducted as necessary to achieve RAOs, and confirmation sampling performed in accordance with UST removal guidelines.	Details of sitewide OE point clearance are presented in OE RDD. Details of UST removal procedures and excavation confirmation sampling plan are presented in non-OE RDD.	TEPHs.
Ammunition Renovation/ Primer Destruction Site Stockpile #1 and #2	Off-site disposal of stockpile material. Vertical extent of stockpile material.	During remediation through additional sampling of stockpile material at a frequency required by the disposal facility and confirmation sampling beneath stockpile after removal.	Details of stockpile and confirmation sampling plan are presented in non-OE RDD.	Supplemental stockpile material analyses to be determined by the disposal facility. Confirmation sampling beneath stockpile for chemicals identified in the stockpiles (TEPHs and PAHs).
North Valley - General	Extent of non-point-source petroleum hydrocarbon impact to soil in North Valley.	After OE point clearance. Additional soil boreholes to further define lateral extent of non-point-source petroleum hydrocarbons.	Details of sampling plan are presented in non-OE RDD.	TEPHs.

Table 8-1. Summary of Planned Supplemental Non-OE Investigation After Sitewide OE Point Clearance
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Area of Interest	Outstanding Issue	When Issue is to be Addressed	Document that will present Scope of Work	Chemicals to be Considered
Ridge Area Stockpiles 1 through 9	Determine presence of VOCs.	During remediation through field screening techniques.	Details of soil sampling plan are presented in non-OE RDD.	VOCs.
Downgradient Areas from Dynamite Burn Site	Downgradient soil quality has not been investigated.	During remediation through soil sampling which will include soil downgradient in the North Valley and the drainage swale northeast of the McAllister Drive Land Bridge.	Details of soil sampling plan are presented in non-OE RDD.	Explosives, TEPH, PAHs, PCBs, dioxins/furans.
Flare Site	Vertical and lateral extent of metals and dioxins/furans.	Additional soil sampling to define vertical and lateral extent during remediation and through soil boreholes and excavation confirmation sampling.	Details of soil sampling and excavation confirmation sampling plan are presented in non-OE RDD.	Metals (antimony, barium, copper, lead, zinc), plus strontium, perchlorate, and dioxins/furans.
Demolition Site #1	Site not fully investigated due to presence of a geophysical anomalies.	After anomaly removal, additional sampling will be performed at the demolition site.	Details of sampling plan are presented in non-OE RDD.	Explosives, PAHs, metals.
Demolition Site #3	Vertical and lateral extent of mercury impact.	Additional soil sampling to define vertical and lateral extent during remediation and through and excavation confirmation sampling.	Details of soil sampling and excavation confirmation sampling plan are presented in non-OE RDD.	Mercury.

Table 8-1. Summary of Planned Supplemental Non-OE Investigation After Sitewide OE Point Clearance
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Area of Interest	Outstanding Issue	When Issue is to be Addressed	Document that will present Scope of Work	Chemicals to be Considered
McAllister Drive Land Bridge	Additional sampling for compounds of interest possibly associated with a mobile communications tower previously situated in the borrow area. In addition, TNT will be added to the list of explosives analysis.	After OE point clearance.	Details sampling plan are presented in non-OE RDD.	Explosives (including TNT), TEPH, PAHs, PCBs, dioxins/furans.
1945 Disturbed Area on Ridge northeast of McAllister Drive Land Bridge	Assessment of disturbed area.	After OE point clearance.	Details of sampling plan are presented in non-OE RDD.	All chemicals previously identified for the Project Site.
Unit D-1 Stockpile	Characterize Unit D-1 area soil stockpile. Off-site disposal if chemically affected above RAOs; use for backfill if below RAOs. If chemically affected above RAOs, collect confirmatory samples below stockpile.	After OE point clearance.	Details of stockpile sampling and confirmation sampling are presented in non-OE RDD.	Explosives, TEPH, PAHs, PCBs, dioxins/furans (if evidence of burning), metals (entire suite). Confirmation samples will be analyzed for chemicals defined during characterization.

Table 8-1. Summary of Planned Supplemental Non-OE Investigation After Sitewide OE Point Clearance
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Area of Interest	Outstanding Issue	When Issue is to be Addressed	Document that will present Scope of Work	Chemicals to be Considered
North Valley and South Valley Groundwater/Seeps and Surface Water	Need for further groundwater data.	After OE point clearance. Additional groundwater monitoring wells will be installed outside the construction area to create well pairs monitoring the alluvium/ colluvium and weathered bedrock, respectively, at the west and east ends of the North Valley and either adjacent to, or downgradient of, well MW-12 in the South Valley, depending on the results of the drainage swale sampling northeast of the McAllister Drive Land Bridge.	Monitoring will include sampling North Valley and South Valley groundwater, North Valley seeps and subdrain, and South Valley surface water. Groundwater/ seep/subdrain monitoring will be conducted on a quarterly basis for 1 year and on a semiannual basis for an additional 4 years. Surface water monitoring will be conducted on a quarterly basis for a period of 1 year. Specific details of the monitoring program will be presented in non-OE RDD.	All chemicals detected with concentrations above upgradient levels in either the groundwater or seeps at the Project Site will be analyzed.
Sitewide	Human health risk assessment and ecological risk assessment.	After OE point clearance, non-OE remediation, and prior to backfilling of the remediated areas.	Chapter 7.0 of RI/FS.	All chemicals detected in confirmation samples and in areas that were not remediated.

DNT = dinitrotoluene
MW = monitoring well
OE = ordnance and explosives
PAH = polynuclear aromatic hydrocarbon
PCB = polychlorinated biphenyl
RAO = remedial action objective
RDD = remedial design document
RI/FS = remedial investigation/feasibility study
SVOC = semivolatile organic compound
TEPH = total extractable petroleum hydrocarbons
TNT = trinitrotoluene
UST = underground storage tank
VOC = volatile organic compound

Table 9-1. August 1996 Ordnance and Explosives (OE) Clearance Results, Tourtelot Property
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Grid/Section	Length (feet)	Width (feet)	Section Area (square feet)	Anomalies Investigated	Unable to Locate	Non-OE Scrap	OE Scrap	OE	OE Type	OE Depth
A/1A	100	100	10,000	3	2	1	0	0	--	--
A/1B	100	100	10,000	6	1	5	0	0	--	--
A/1C	100	100	10,000	3	0	0	3	0	--	--
A/2A	100	100	10,000	10	1	7	2	0	--	--
A/2B	100	100	10,000	5	0	3	2	0	--	--
A/2C	100	100	10,000	9	1	6	2	0	--	--
A/3A	100	20	2,000	0	0	0	0	0	--	--
A/3B	100	20	2,000	0	0	0	0	0	--	--
A/3C	100	20	2,000	0	0	0	0	0	--	--
B/1A	100	45	4,500	1	0	1	0	0	--	--
B/1B*	--	--	5,875	2	0	1	1	0	--	--
B/1C	100	100	10,000	2	2	0	0	0	--	--
B/1D	100	100	10,000	8	1	7	0	0	--	--
B/2A	50	60	3,000	3	0	1	2	0	--	--
B/2B*	--	--	7,000	31	1	8	22	0	--	--
B/2C	100	100	10,000	13	5	3	5	0	--	--
B/2D	100	100	10,000	2	1	1	0	0	--	--
B/3A	0	0	0	0	0	0	0	0	--	--
B/3B	40	20	800	11	0	7	4	0	--	--
B/3C	100	20	2,000	0	0	0	0	0	--	--
B/3D	100	20	2,000	0	0	0	0	0	--	--
C/1D	45	100	4,500	3	0	3	0	0	--	--
C/2D	45	100	4,500	5	0	2	3	0	--	--
C/3D	45	20	900	1	0	1	0	0	--	--
D/3B	50	80	4,000	6	0	2	4	0	--	--
D/3C	100	80	8,000	2	0	1	1	0	--	--
D/4B	50	100	5,000	3	1	1	1	0	--	--

Table 9-1. August 1996 Ordnance and Explosives (OE) Clearance Results, Tourtelot Property
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Grid/Section	Length (feet)	Width (feet)	Section Area (square feet)	Anomalies Investigated	Unable to Locate	Non-OE Scrap	OE Scrap	OE	OE Type	OE Depth
D/4C	100	100	10,000	8	0	3	5	0	--	--
D/5B	50	100	5,000	1	0	0	1	0	--	--
D/5C	100	100	10,000	1	0	0	1	0	--	--
E/1A	100	100	10,000	1	0	1	0	0	--	--
E/1B	100	100	10,000	8	0	8	0	0	--	--
E/2A	100	100	10,000	8	0	8	0	0	--	--
E/2B	100	100	10,000	11	0	11	0	0	--	--
N/1A	100	20	2,000	NA	NA	NA	NA	0	--	--
N/1B	100	20	2,000	1	0	0	1	0	--	--
N/1C	100	20	2,000	NA	NA	NA	NA	0	--	--
O/1A	100	20	2,000	1	0	1	0	0	--	--
O/1B	30	20	600	NA	NA	NA	NA	0	--	--
P/1A	NA	NA	NA	1	0	0	1	0	--	--
P/1B	NA	NA	NA	4	0	2	2	0	--	--
P/1C	NA	NA	NA	NA	NA	NA	NA	0	--	--
P/2A	NA	NA	NA	3	0	0	3	0	--	--
P/2B	NA	NA	NA	2	0	0	2	0	--	--
P/2C	NA	NA	NA	NA	NA	NA	NA	0	--	--
P/3A	NA	NA	NA	NA	NA	NA	NA	0	--	--
P/3B	NA	NA	NA	1	0	0	1	0	--	--
P/3C	NA	NA	NA	NA	NA	NA	NA	0	--	--

Notes:
Grid/sections indicated with an asterisk (*) are irregularly shaped, only section area is provided.
Data was not available for Grids F through M, Grid Q, and portions of Grids N, O, and P.
Daily field reports do not indicate that any OE was recovered from the Project Site.
NA = Not available (data could not be derived from field documentation)

Table 9-2. November and December 1996 Ordnance and Explosives (OE) Clearance Results - Tourtelot Property

Grid	Length (feet)	Width (feet)	Grid Area (square feet)	Anomalies Investigated	Non-OE Scrap	OE Scrap	OE	OE Type	OE Depth
I-14	100	100	10,000	786	0	785	1	40mm AA HE	12"
J-14	100	100	10,000	106	104	2	0	--	--
N-15	200	200	40,000	26	6	20	0	--	--
O-15	200	200	40,000	7	1	5	1	60mm mortar	2"
P-14	200	200	40,000	78	73	5	0	--	--
P-15	200	200	40,000	31	19	11	1	40mm AA HE	8"
Q-13	200	200	40,000	17	16	1	0	--	--
Q-14	200	200	40,000	79	74	5	0	--	--
Q-15[a]	--	--	36,400	23	21	2	0	--	--
R-13[a]	--	--	38,870	21	18	3	0	--	--
R-14[a]	--	--	38,400	6	4	2	0	--	--
R-15[a]	--	--	6,300	2	1	1	0	--	--
G-15[b]	--	--		--	--	--	1	76mm APHE	unknown
G-15[b]	–	–		–	–	–	1	37mm HE	unknown
J-16[a]	–	–		–	–	–	1	37mm HE	unknown

Notes:
(a) Situated along the Project Site boundary and had an irregular shape.
(b) Item found in EE/CA grid 0312 in November and early December 1996, prior to the 1999 EE/CA investigation.
AA = anti-aircraft
HE = high explosive
Total number of anomalies investigated: 1,182
Total number of anomalies containing OE: 3
Total number of anomalies containing OE scrap: 842
Total number of anomalies containing non-OE scrap: 337

Table 9-3. Engineering Evaluation/Cost Analysis (EE/CA) Ordnance and Explosives (OE) Sampling Results - Tourtelot Property

Grid	Number of Anomalies	Length (feet)	Width (feet)	Grid Area (square feet)	Anomalies Investigated	False Positives*	Non-OE Scrap	OE Scrap	OE	OE Type	OE Depth	% Anomalies Investigated
0202	7	100	100	10,000	7	2	5	0	0	--	--	100%
0301	39	100	100	10,000	20	2	5	13	0	--	--	51%
0302	23	100	100	10,000	20	4	4	12	0	--	--	87%
0306	54	100	100	10,000	20	0	0	20	0	--	--	37%
0307	29	100	100	10,000	20	0	2	18	0	--	--	69%
0308	23	100	100	10,000	20	1	1	18	0	--	--	87%
0311	29	100	100	10,000	20	1	1	18	0	--	--	69%
0312	134	100	100	10,000	54	0	1	51	2	37mm, 75mm	6"-24"	40%
0313	60	100	100	10,000	20	0	2	18	0	--	--	33%
0314	67	100	100	10,000	23	0	9	14	0	--	--	34%
0315	2	100	100	10,000	2	1	1	0	0	--	--	100%
0316	4	100	100	10,000	4	2	1	1	0	--	--	100%
0317	17	100	100	10,000	17	1	1	15	0	--	--	100%
0318	83	100	100	10,000	27	0	27	0	0	--	--	33%
0319	2	100	100	10,000	2	0	2	0	0	--	--	100%
0321	76	100	100	10,000	24	3	4	17	0	--	--	32%
0322	90	100	100	10,000	30	1	18	11	0	--	--	33%
0323	7	100	100	10,000	7	0	7	0	0	--	--	100%
0324	30	100	100	10,000	20	3	11	6	0	--	--	67%
0325	13	100	100	10,000	13	2	11	0	0	--	--	100%
0326	157	100	100	10,000	50	3	14	33	0	--	--	32%
0327	18	100	100	10,000	18	2	16	0	0	--	--	100%
0329	4	100	100	10,000	4	1	3	0	0	--	--	100%
0330	2	100	100	10,000	2	0	2	0	0	--	--	100%
0331	6	100	100	10,000	6	0	5	1	0	--	--	100%
0332	2	100	100	10,000	2	1	1	0	0	--	--	100%
0333	3	100	100	10,000	3	0	2	1	0	--	--	100%
0334	2	100	100	10,000	2	2	0	0	0	--	--	100%
0335	0	100	100	10,000	0	0	0	0	0	--	--	N/A
0336	1	100	100	10,000	1	1	0	0	0	--	--	100%
0337	9	100	100	10,000	9	3	2	4	0	--	--	100%
0338	4	100	100	10,000	4	3	1	0	0	--	--	100%
0339	2	100	100	10,000	2	0	1	1	0	--	--	100%

Notes:
N/A = Percentage does not apply. Grid has no reported anomalies.
* False Positives = Number of anomalies where nothing was found

Total number of anomalies:	999
Total number of anomalies investigated:	473
Percentage of anomalies investigated:	47%
Percentage of false positives:	8%

Total number of anomalies containing OE:	2
Total number of anomalies containing OE scrap:	272
Total number of anomalies containing non-OE scrap:	160
Total number of false positives:	39

Table 9-4. OE Type and Depth of Detection

OE Type	Detection Depth Criterion (feet)
20mm	0.75
37mm	1.33
40mm	1.42
60mm	2.167
75mm	2.75
81mm	2.92
105mm	3.83
155mm	5.33
8-inch	7.25
12-inch	10.92
16-inch	14.5

Notes:
OE = ordnance and explosives
Source: Earth Tech, 2000d

Table 9-5. Removal Action Investigation Ordnance and Explosives (OE) Clearance Results North Valley Military Landfill, Tourtelot Property

Line	Number of Anomalies	Length (feet)	Width (feet)	Mapped Area (square feet)	Anomalies Investigated	Non-OE Scrap	OE Scrap	OE
0	29	278	3	834	5	3	2	0
3	23	278	3	834	6	4	2	0
6	20	278	3	834	7	3	4	0
9	23	278	3	834	9	1	8	0
12	26	278	3	834	9	4	5	0
15	24	278	3	834	11	5	6	0
18	30	278	3	834	14	4	10	0
21	27	278	3	834	13	8	5	0
24	14	200	3	600	5	2	3	0
27	16	200	3	600	8	3	5	0
30	23	200	3	600	10	7	3	0
33	18	200	3	600	6	3	3	0
36	11	174	3	522	4	1	3	0
39	19	170	3	510	2	2	0	0
42	9	159	3	477	2	2	0	0
45	7	70	3	210	0	0	0	0
48	7	70	3	210	1	1	0	0
51	4	70	3	210	0	0	0	0
54	5	65	3	195	0	0	0	0

Notes:

Total number of anomalies:	335	Total number of anomalies containing OE:	0
Total number of anomalies investigated:	112	Total number of anomalies containing OE scrap:	59
Percentage of anomalies investigated:	33%	Total number of anomalies containing non-OE scrap:	53

Table 10-1. Identification and Evaluation of Process Options

General Response Action	Remedial Technology Type	Process Option	Preliminary Screening Based on Technical Feasibility: Soil	Surface Water/ Wetland	Groundwater	Evaluation and Selection of Representative Technologies: Effectiveness	Implementability	Cost
No Action	None	Not Applicable	Yes	Yes	Yes	Not Effective	Implementable but not for residential use	None
Institutional Controls	Monitoring	Groundwater Monitoring	NA	NA	Yes	Effective in assessing occurence of compounds and effectiveness of remedial alternatives	Implementable	Low
		Surface Water/Sediment Monitoring	NA	Yes	NA	Effective in assessing occurence of compounds and effectiveness of remedial alternatives	Implementable	Low
	Access Control	Physical Barriers	Yes	Yes	NA	Can mitigate potential exposures by restricting access	Implementable	Low
		Administrative Controls	Yes	Yes	NA	Can be effective in reducing contact between affected media and receptors	Implementable	Low to Moderate
Containment	Capping	Asphalt or Concrete-Based	No	No	NA	Effective	Not Implementable	High
		Earthen-Based	Yes	No	NA	Can be effective barrier if sufficiently thick	Implementable	Moderate
	Run-Off/Run-On Control Technologies	Diversion/Collection	Yes	Yes	NA	Effective at controlling erosion and directing surface runoff	Implementable	Moderate
		Grading	Yes	Yes	NA	Highly effective at controlling site drainage	Implementable	Moderate
		Revegetation	Yes	Yes	NA	Effective at controlling erosion, stabilization	Implementable	Low
Removal	Mechanical Removal	Excavation	Yes	Yes	NA	Effective for soil	Implementable	Low to Moderate
		Point Clearance (OE)	Yes	Yes	NA	Effective for soil	Implementable	High
OE Detection	Surface	Airborne imaging	Yes	Yes	NA	Not effective in discriminating individual anomalies	Implementable	High
		Visual searching	Yes	Yes	NA	Effective in finding surface OE	Implementable	Low
	Subsurface	Mine detector	Yes	Yes	NA	Effective in finding near surface	Implementable	Low
		Inductive EM instruments	Yes	Yes	NA	Effective	Implementable	High
		Magnetic field sensors	Yes	Yes	NA	Effective	Implementable	High
		Ground penetrating radio wave detection and ranging	Yes	Yes	NA	Not effective in clayey soils	Implementable	High
Treatment	In-Situ Biological	Enhanced Biodegradation	Yes	NA	NA	Effective for remediating low level residual contamination in conjunction with source removal.	Implementable	Low to Moderate
		Natural Attenuation	Yes	NA	NA	Effective for remediating fuel hydrocarbons	Implementable	Low
	Ex-Situ Biological	Biopiles	No	No	NA	Effective at remediating biodegradable compounds.	Implementable	Moderate
		Composting	Yes	No	NA	Effective at remediating biodegradable organic compounds	Implementable	High
		Fungal Biodegradation	No	No	NA	Limited effectiveness for TNT	Difficult to implement	Moderate
		Landfarming	No	No	NA	Effective at remediating biodegradable organic compounds	Implementable	Moderate
		Constructed Wetlands	No	Yes	NA	Moderately effective	Could be difficult to implement	Moderate
	Ex-Situ Physical/Chemical	Soil Washing	No	No	NA	Limited effectiveness	Difficult to implement	High
		Soil Sieving	No	No	NA	Not feasible to sieve clayey soils	Difficult to implement	High
		UV Oxidation	No	No	NA	Limited effectiveness	Difficult to implement	High
	Ex-Situ Physical/Thermal	Hot Gas Decontamination	No	No	NA	Effective for volatile compounds	Difficult to implement	High
		Incineration	No	No	NA	Effective for organic compounds	Difficult to implement	High
		Open Burn/Detonation (OE)	Yes	No	NA	Effective for "safe to move" OE	Implementable for on-site treatment: substantial space requirements. Off-site OB/OD very difficult to implement	Moderate
		On-Site Blast Chamber	Yes	No	NA	Effective for "safe to move" OE	Implementable	Moderate to High
		Render Safe (OE)	No	No	NA	Effective for "not safe to move" OE	Not Implementable	Moderate to High
		Blow in Place	Yes	No	NA	Effective for "not safe to move" OE	Implementable: substantial space requirements	Moderate
Disposal	Off-Property Disposal	Transport to Class I Landfill	Yes	No	NA	Effective	Implementable	Moderate to High
		Transport to Class II/III Landfill	Yes	No	NA	Effective	Implementable	Low to Moderate

Note:
N/A = Not Applicable

TABLE 11-1: ALTERNATIVE SCREENING ANALYSIS

ALTERNATIVE NUMBER AND DESCRIPTION	APPLICABLE PROCESS OPTIONS	Initial Screening of Alternatives in Accordance with NCP and CEQA			
		EFFECTIVENESS • **Ability to achieve RAOs** • **Technical feasibility** • **Protection of health and environment**	**IMPLEMENTABILITY** • **Ability to reduce or avoid significant impacts** • **Feasibility, based on legal, social and economic considerations**	**COST** • **Relative cost to implement alternative**	**Screening Decision**
Alternative 1: No Action	• No process options implemented	Does not meet RAOs. Potential OE and Non-OE-affected soil would remain. Potential exposure to OE and non-OE constituents would continue.	Implementable; Baseline conditions would continue at site	Low	Retained
Alternative 2: Institutional controls over entire Project Site and Monitoring	• Access restrictions, including fencing and posting signs; and employing security guard to monitor site. • Restrictions on future site development • Surface water and groundwater monitoring	Does not meet RAOs. Non-OE-affected soil would remain. Potential exposure to OE and non-OE constituents would continue.	Implementable; Baseline conditions would continue at site	Low	Retained
Alternative 3: OE point clearance, institutional controls over entire Project Site, and monitoring	• OE Point Clearance • Surface water/groundwater monitoring • Access restrictions, including fencing and posting signs; and employing security guard to monitor site. • Restrictions on future site development • Groundwater/surface water monitoring	Does not meet RAOs. Non-OE-affected soil would remain. Potential exposure to OE and non-OE constituents would continue.	Implementable; potential short-term impacts to parties within minimum separation distance if OE treated	Moderate	Not Retained
Alternatives 4A and 4B: Includes Alternative 3 components, and excavation and disposal of Non-OE affected soil for entire Project Site. **Subalternative A:** includes homogenization of TNT strip soils. **Subalternative B:** includes homogenization and composting of soil containing elevated TNT concentrations.	• OE Point Clearance • Excavation of Non-OE-affected soils • Dispose of other Non-OE affected soils at approved landfill • Surface water/groundwater monitoring • Restrictions on future site development. **Subalternative B:** • Composting of TNT strip soils	**Alternative 4A:** Does not meet all RAOs. Effective in reducing potential toxicity, mobility, or volume of affected Non-OE soil, but not for OE. ---------- **Alternative 4B:** Similar to 4A	**Alternative 4A:** Implementable; potential short-term increase in traffic from hauling non-OE soil offsite and potential short-term impacts to parties within minimum separation distance if OE treated ---------- **Alternative 4B:** Implementability is generally similar to Alternative 4A.	**Alternative 4A:** Moderate ---------- **Alternative 4B:** Moderate	**Alternative 4A:** Not Retained ---------- **Alternative 4B:** Not Retained
Alternatives 5A and 5B: Include Alternative 4 components and the area-wide clearance of OE in portions of the North Valley, Ridge, and South Valley; installation of OE-free crushed bedrock layer in future residential areas over area-wide clearance soil. **Subalternative A:** includes homogenization of TNT strip soils. **Subalternative B:** includes homogenization and composting of soil containing elevated TNT concentrations.	• OE Point Clearance and Area-wide clearance • Excavation of Non-OE-affected soils • Dispose of other Non-OE affected soils at approved landfill • Administrative controls on portions of South Valley and McAllister Drive Land Bridge • Geophysical scanning of soils placed in the North Valley in 1-ft lifts • Grading and placement of OE-free layer of crushed bedrock over future residential areas • Groundwater/surface water monitoring **Subalternative B:** • Composting of TNT strip soils	**Alternative 5A:** Meets RAOs. Effective in reducing potential toxicity, mobility, or volume of OE and affected Non-OE soil. ---------- **Alternative 5B:** Similar to 5A	**Alternative 5A:** Implementable; potential short-term increase in traffic from hauling non-OE soil offsite and potential short-term impacts to parties within minimum separation distance if OE treated ---------- **Alternative 5B:** Implementability is generally similar to Alternative 5A.	**Alternative 5A:** High ---------- **Alternative 5B:** High	**Alternative 5A:** Retained ---------- **Alternative 5B:** Retained
Alternatives 6A and 6B: Include Alternative 5 components plus excavation of South Valley Kickout zone soils and placement in North Valley. Additional geophysical scanning of OE Kickout zone soil when placed in North Valley. **Subalternative A:** includes homogenization of TNT strip soils. **Subalternative B:** includes composting of soil containing elevated TNT concentrations.	• OE Point Clearance and area-wide clearance • Excavation of Non-OE-affected soils • Dispose of affected non-OE soils at approved landfill • Administrative controls on McAllister Drive Land Bridge and wetlands • Excavation of South Valley Kickout Zone soils • Geophysical scanning of soils placed in the North Valley in 1-ft lifts • Grading and placement of OE-free layer of crushed bedrock over future residential areas • Groundwater/surface water monitoring **Subalternative B:** • Composting of TNT strip soils.	**Alternative 6A:** Meets RAOs. Effective in reducing potential toxicity, mobility, or volume of OE and affected Non-OE soil. However, excavation of kickout zone soils could impact South Valley hydrology. ---------- **Alternative 6B:** Similar to 6A	**Alternative 6A:** Implementable; however, RWQCB has indicated that removing kickout zone soils would be unacceptable based on hydrology impacts; Potential short-term increase in traffic from hauling non-OE soil offsite and potential short-term impacts to parties within minimum separation distance if OE treated ---------- **Alternative 6B:** Implementability is generally similar to Alternative 6A.	**Alternative 6A:** High ---------- **Alternative 6B:** High	**Alternative 6A:** Retained ---------- **Alternative 6B:** Retained

TABLE 11-1: ALTERNATIVE SCREENING ANALYSIS

ALTERNATIVE NUMBER AND DESCRIPTION	APPLICABLE PROCESS OPTIONS	Initial Screening of Alternatives in Accordance with NCP and CEQA			
		EFFECTIVENESS • Ability to achieve RAOs • Technical feasibility • Protection of health and environment	**IMPLEMENTABILITY** • Ability to reduce or avoid significant impacts • Feasibility, based on legal, social and economic considerations	**COST** • Relative cost to implement alternative	Screening Decision
Alternatives 7A and 7B: Include Alternative 5 Components. In Addition, South Valley Wetlands Soil Would be Excavated and wetlands would be reconstructed. **Subalternative A:** includes homogenization of TNT strip soils. **Subalternative B:** includes homogenization and composting of soil containing elevated TNT concentrations.	• OE Point Clearance and area wide clearance • Excavation of Non-OE-affected soils • Dispose of affected non-OE soils at approved landfill • Administrative controls on McAllister Drive Land Bridge • Excavation of South Valley Kickout Zone soils • Geophysical scanning of Kickout Zone soils in 1-ft lifts, during replacement in South Valley • Removal and reconstruction of South Valley Wetlands • Grading and placement of OE-free layer of crushed bedrock over future residential areas • Groundwater/surface water monitoring **Subalternative B:** • Composting of TNT strip soils	**Alternative 7A:** Meets RAOs. Effective in reducing the toxicity, mobility, or volume of OE and affected Non-OE soil. ---------- **Alternative 7B:** Similar to 7A	**Alternative 7A:** Difficult to implement; Removal of existing wetlands would create significant environmental impacts. Regulatory approvals would be difficult. Short-term increase in traffic from hauling non-OE soil offsite and potential short-term impacts to parties within minimum separation distance if OE treated ---------- **Alternative 7B:** Implementability is generally similar to Alternative 7A.	**Alternative 7A:** High ---------- **Alternative 7B:** High	**Alternative 7A:** Not Retained ---------- **Alternative 7B:** Not Retained
Alternatives 8A and 8B: Include Alternative 5 Components. In Addition, Kickout zone soil would be excavated and replaced in South Valley. **Subalternative A:** includes homogenization of TNT strip soils. **Subalternative B:** includes homogenization and composting of soil containing elevated TNT concentrations.	• OE Point Clearance and area wide clearance • Excavation of Non-OE-affected soils • Dispose of affected non-OE soils at approved landfill • Administrative controls on McAllister Drive Land Bridge and wetland • Excavation of South Valley Kickout Zone soils • Geophysical scanning of Kickout Zone soils in 1-ft lifts, during replacement in South Valley • Grading and placement of OE-free layer of crushed bedrock over future residential areas • Groundwater/surface water monitoring **Subalternative B:** • Composting of TNT strip soils	**Alternative 8A:** Meets RAOs. Effective in reducing the toxicity, mobility, or volume of OE and affected Non-OE soil. ---------- **Alternative 8B:** Similar to 8A	**Alternative 8A:** Implementable; short-term increase in traffic from hauling non-OE soil offsite and potential short-term impacts to parties within minimum separation distance if OE treated ---------- **Alternative 8B:** Implementability is generally similar to Alternative 8A.	**Alternative 8A:** High ---------- **Alternative 8B:** High	**Alternative 8A:** Retained ---------- **Alternative 8B:** Retained

Table 12-1. Detailed Analysis of Alternatives

ALTERNATIVE NUMBER AND DESCRIPTION	Overall Protection	Compliance with ARARs	Long-term Effectiveness and Permanence	Reduction of Toxicity, Mobility, or Volume	Short-term Effectiveness	Implementability	Cost	Community Acceptance	State Acceptance
Alternative 1: No Action	Would not be protective	Would not satisfy ARARs	Not effective over long-term	No reduction in toxicity, mobility, or volume	No short-term impacts beyond current conditions	Would be implementable	None	Not likely to be accepted, based on comments received to date. Will be further assessed following public comment period on Draft RAP	Not likely to be acceptable based on comments received to date.
Alternative 2: Institutional controls over entire Project Site and Monitoring	Criterion met through access restrictions	Would not satisfy ARARs	Long-term effectiveness depends on maintaining of access restrictions	No reduction in toxicity, mobility, or volume	No short-term impacts beyond current conditions	Would be implementable	Low	Not likely to be accepted, based on comments received to date. Will be further assessed following public comment period on Draft RAP	Not likely to be acceptable, based on comments received to date.
Alternatives 5A and 5B: Includes OE point clearance for entire Site and area-wide clearance in North Valley, Ridge, and D-1 areas; excavation and disposal of non-OE affected soil above remediation goals for entire Site; installation of OE-free crushed bedrock layer in future residential areas over area-wide clearance soil; Institutional Controls on South Valley wetlands, Kick-out zone, and McAllister Drive Land Bridge; and surface water/groundwater monitoring. **Subalternative A:** Includes homogenization of TNT strip soils. **Subalternative B:** Includes homogenization and composting of soil containing elevated TNT concentrations.	Would be protective of human health and environment	Would satisfy ARARs	Would provide long-term effectiveness	Would reduce toxicity, mobility, and volume. Subalternative B would treat more soil than Subalternative A	Potential short-term impacts related to excavation, offhauling soil and clearing OE	Would be implementable, but establishment of minimum separation distance would require substantial planning and coordination activities.	High Subalternative B would cost more than Subalternative A	Preferred alternative, based on comments received to date. Will be further assessed following public comment period on draft RAP.	State acceptance is anticipated based on comments received to date.
Alternative 6A and 6B: Includes Alternative 5 components except most South Valley Kickout Zone soils will be excavated and placed in North Valley; additional geophysical scanning of OE Kickout Zone soil in 1-foot lifts in the North Valley. **Subalternative A:** Includes homogenization of TNT strip soils. **Subalternative B:** Includes homogenization and composting of soil containing elevated TNT concentrations.	Would be protective of human health and environment, although removal of kickout zone soil might affect hydrology of South Valley	Would satisfy ARARs, with possible exception that a waiver of Clean Water Act, Section 404(b)(1) may be required	Would provide long-term effectiveness	Would reduce toxicity, mobility, and volume. Subalternative B would treat more soil than Subalternative A	Potential short-term impacts related to excavation, offhauling soil and clearing OE	Would be implementable, but potential expansion of minimum separation distance would decrease implementability.	High Subalternative B would cost more than Subalternative A	Not likely to be accepted, based on comments received to date. Will be further assessed following public comment period on Draft RAP	May not be acceptable, based on comments received to date.
Alternatives 8A and 8B: Includes Alternative 5 Components. In addition, Kickout Zone Soil Would be Excavated and Replaced in South Valley. **Subalternative A:** Includes homogenization of TNT strip soils. **Subalternative B:** Includes homogenization and composting of soil containing elevated TNT concentrations.	Would be protective of human health and environment; might affect the hydrology of South Valley	Would satisfy ARARs	Would provide long-term effectiveness	Would reduce toxicity, mobility, and volume. Subalternative B would treat more soil than Subalternative A	Potential short-term impacts related to excavation, offhauling soil and clearing OE	Would be implementable, but potential expansion of minimum separation distance would decrease implementability.	High Subalternative B would cost more than Subalternative A	Does not appear to be favored, based on comments received to date. Will be further assessed following public comment period on Draft RAP	May not be preferred because of potential environmental and community impacts, based on comments received to date.