

Table 5-3

Groundwater Analytical Results
11th Chemical Motor Pool Area, Parcels 29(7), 30(7), and 74(7)
Fort McClellan, Calhoun County, Alabama

(Page 1 of 6)

Sample Location Sample Number Sample Date				FTA-29-GP01 AA3001 21-Oct-98				FTA-29-GP02 AA3002 16-Dec-98				FTA-29-GP03 AA3003 14-Dec-98				FTA-29-GP04 AA3004 21-Oct-98				FTA-29-GP05 AA3005 15-Dec-98			
Parameter	Units	BKG ^a	SSSL ^b	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL
METALS																							
Aluminum	mg/L	2.34E+00	1.56E+00	2.33E+02		YES	YES	4.53E-01				ND				6.37E+00		YES	YES	1.83E+01		YES	YES
Arsenic	mg/L	1.78E-02	4.00E-05	1.22E-01		YES	YES	1.22E-02			YES	ND				ND				9.10E-03	J		YES
Barium	mg/L	1.27E-01	1.10E-01	1.76E+00		YES	YES	1.42E-01	J	YES	YES	1.68E-01	J	YES	YES	ND				7.73E-01		YES	YES
Beryllium	mg/L	1.24E-03	3.12E-03	1.36E-02		YES	YES	ND				ND				ND				ND			
Cadmium	mg/L	2.51E-03	7.80E-04	1.08E-02		YES	YES	ND				ND				ND				ND			
Calcium	mg/L	5.65E+01	NA	8.62E+01		YES		7.15E+01		YES		8.35E+01		YES		1.30E+02		YES		6.71E+01		YES	
Chromium	mg/L	NA	4.69E-03	4.42E-01			YES	ND				ND				1.06E-02		YES		3.37E-02			YES
Cobalt	mg/L	2.34E-02	9.39E-02	2.69E-01		YES	YES	ND				ND				ND				1.03E-02	J		
Copper	mg/L	2.55E-02	6.26E-02	3.83E-01		YES	YES	ND				ND				ND				2.26E-02	J		
Iron	mg/L	7.04E+00	4.69E-01	3.30E+02		YES	YES	5.26E+00		YES		4.21E-01				1.85E+01		YES	YES	4.00E+01		YES	YES
Lead	mg/L	7.99E-03	1.50E-02	5.26E-01		YES	YES	ND				ND				1.03E-02		YES		1.50E-02		YES	YES
Magnesium	mg/L	2.13E+01	NA	5.07E+01		YES		1.32E+01				2.55E+01		YES		4.34E+01		YES		2.78E+01		YES	
Manganese	mg/L	5.81E-01	7.35E-02	6.27E+00		YES	YES	3.06E-01		YES		9.35E-02			YES	3.78E+00		YES	YES	4.35E+00		YES	YES
Mercury	mg/L	NA	4.60E-04	2.90E-04	B			6.40E-05	B			5.50E-05	B			ND				1.00E-04	B		
Nickel	mg/L	NA	3.13E-02	3.75E-01			YES	ND				ND				ND				2.98E-02	J		
Potassium	mg/L	7.20E+00	NA	2.06E+01		YES		1.53E+01		YES		2.56E+00	J			ND				5.02E+00			
Selenium	mg/L	NA	7.82E-03	1.46E-02			YES	ND				ND				ND				ND			
Sodium	mg/L	1.48E+01	NA	1.04E+01				2.42E+00	J			1.31E+01				ND				6.70E+00			
Thallium	mg/L	1.45E-03	1.00E-04	ND				5.40E-03	B	YES	YES	6.00E-03	B	YES	YES	ND				5.10E-03	B	YES	YES
Vanadium	mg/L	1.70E-02	1.10E-02	3.14E-01		YES	YES	ND				2.17E-02	J	YES	YES	ND				2.72E-02	J	YES	YES
Zinc	mg/L	2.20E-01	4.69E-01	1.03E+00		YES	YES	ND				ND				2.34E-02	B			5.73E-02			
VOLATILE ORGANIC COMPOUNDS																							
1,2,3-Trichlorobenzene	mg/L	NA	1.32E-03	ND				ND				ND				ND				ND			
1,2,4-Trichlorobenzene	mg/L	NA	1.35E-02	ND				ND				ND				ND				ND			
1,2,4-Trimethylbenzene	mg/L	NA	6.00E-03	ND				5.80E-04	J			ND				ND				ND			
1,2-Dichloropropane	mg/L	NA	9.80E-04	ND				ND				ND				ND				1.50E-04	J		
1,2-Dimethylbenzene	mg/L	NA	2.80E+00	ND				5.30E-04	J			ND				ND				ND			
1,4-Dichlorobenzene	mg/L	NA	1.75E-03	ND				ND				ND				ND				ND			
2-Butanone	mg/L	NA	7.14E-01	ND				ND				ND				2.00E-03	J			ND			
Acetone	mg/L	NA	1.56E-01	1.40E-03	B			1.80E-02	J			ND				2.60E-03	B			ND			
Benzene	mg/L	NA	1.40E-03	ND				9.00E-04	J			ND				ND				ND			
Bromomethane	mg/L	NA	2.17E-03	ND				ND				ND				ND				ND			
Carbon disulfide	mg/L	NA	1.51E-01	6.00E-04	J			ND				ND				2.40E-04	J			ND			
Chlorobenzene	mg/L	NA	1.62E-02	ND				ND				ND				ND				ND			
Cumene	mg/L	NA	1.27E-01	ND				7.60E-03				ND				ND				3.90E-04	J		
Ethylbenzene	mg/L	NA	1.40E-01	ND				6.80E-04	J			ND				ND				ND			
Hexachlorobutadiene	mg/L	NA	8.30E-04	ND				ND				ND				ND				ND			
Naphthalene	mg/L	NA	3.00E-03	ND				7.80E-02	J		YES	ND				ND				ND			
Toluene	mg/L	NA	2.59E-01	ND				ND				ND				ND				ND			
Trichloroethene	mg/L	NA	4.50E-03	ND				ND				ND				ND				ND			
cis-1,2-Dichloroethene	mg/L	NA	1.55E-02	ND				ND				ND				ND				ND			
m,p-Xylenes	mg/L	NA	2.80E+00	ND				ND				ND				ND				ND			
n-Butylbenzene	mg/L	NA	9.57E-03	ND				5.60E-03				ND				ND				ND			
n-Propylbenzene	mg/L	NA	1.30E-02	ND				1.10E-02				ND				ND				1.90E-04	J		
o-Chlorotoluene	mg/L	NA	2.82E-02	ND				ND				ND				ND				ND			
p-Chlorotoluene	mg/L	NA	2.82E-02	ND				ND				ND				ND				ND			
p-Cymene	mg/L	NA	2.26E-01	ND				6.40E-04	J			ND				ND				ND			
sec-Butylbenzene	mg/L	NA	1.06E-02	ND				6.30E-03				ND				ND				6.20E-04	J		
tert-Butylbenzene	mg/L	NA	1.14E-02	ND				ND				ND				ND				6.40E-04	J		

Table 5-3

Groundwater Analytical Results
11th Chemical Motor Pool Area, Parcels 29(7), 30(7), and 74(7)
Fort McClellan, Calhoun County, Alabama

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Sample Location Sample Number Sample Date				FTA-29-GP01 AA3001 21-Oct-98				FTA-29-GP02 AA3002 16-Dec-98				FTA-29-GP03 AA3003 14-Dec-98				FTA-29-GP04 AA3004 21-Oct-98				FTA-29-GP05 AA3005 15-Dec-98			
Parameter	Units	BKG ^a	SSSL ^b	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL
SEMIVOLATILE ORGANIC COMPOUNDS																							
1,4-Dichlorobenzene	mg/L	NA	1.75E-03	ND				ND				ND				ND				ND			
2-Methylnaphthalene	mg/L	NA	2.48E-02	ND				9.20E-02			YES	ND				ND				ND			
Acenaphthene	mg/L	NA	6.58E-02	ND				8.10E-03	J			ND				ND				ND			
Di-n-butyl phthalate	mg/L	NA	1.48E-01	ND				ND				1.50E-03	J			ND				2.40E-03	J		
Dibenzofuran	mg/L	NA	4.34E-03	ND				2.90E-03	J			ND				ND				ND			
Fluorene	mg/L	NA	4.66E-02	ND				8.60E-03	J			ND				ND				ND			
Naphthalene	mg/L	NA	3.00E-03	ND				4.90E-02			YES	ND				ND				ND			
Phenanthrene	mg/L	NA	2.81E-01	ND				9.60E-03	J			ND				ND				ND			
Phenol	mg/L	NA	9.31E-01	2.80E-03	B			ND				ND				4.20E-03	B			ND			
bis(2-Ethylhexyl)phthalate	mg/L	NA	4.30E-03	ND				ND				ND				ND				ND			

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Groundwater Analytical Results
11th Chemical Motor Pool Area, Parcels 29(7), 30(7), and 74(7)
Fort McClellan, Calhoun County, Alabama

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Sample Location Sample Number Sample Date				FTA-29-GP06 AA3006 4-Dec-98				FTA-29-GP07 AA3020 8-Dec-98				FTA-29-GP08 AA3008 14-Dec-98				FTA-29-GP09 AA3009 8-Oct-98				FTA-29-GP10 AA3012 14-Dec-98			
Parameter	Units	BKG ^a	SSSL ^b	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL
METALS																							
Aluminum	mg/L	2.34E+00	1.56E+00	8.54E+00		YES	YES	2.50E-01				3.96E-02	J			1.03E+00	J			1.26E-01	J		
Arsenic	mg/L	1.78E-02	4.00E-05	ND				ND				ND				ND				ND			
Barium	mg/L	1.27E-01	1.10E-01	2.30E-01		YES	YES	1.20E-01	J		YES	1.47E-01	J	YES	YES	3.46E-01		YES	YES	7.68E-01		YES	YES
Beryllium	mg/L	1.24E-03	3.12E-03	ND				ND				ND				ND				ND			
Cadmium	mg/L	2.51E-03	7.80E-04	ND				ND				ND				ND				ND			
Calcium	mg/L	5.65E+01	NA	5.46E+01				8.45E+01		YES		6.72E+01		YES		9.52E+01		YES		6.92E+01		YES	
Chromium	mg/L	NA	4.69E-03	1.17E-02			YES	ND				ND				ND				4.40E-03	J		
Cobalt	mg/L	2.34E-02	9.39E-02	ND				ND				ND				ND				3.38E-02	J	YES	
Copper	mg/L	2.55E-02	6.26E-02	5.90E-03	J			ND				ND				ND				ND			
Iron	mg/L	7.04E+00	4.69E-01	9.34E+00		YES	YES	1.81E+00			YES	7.53E-01			YES	2.34E+01		YES	YES	2.02E+00			YES
Lead	mg/L	7.99E-03	1.50E-02	1.60E-03	J			ND				ND				ND				ND			
Magnesium	mg/L	2.13E+01	NA	1.77E+01	J			2.87E+01	J	YES		1.92E+01				4.11E+01		YES		3.45E+01		YES	
Manganese	mg/L	5.81E-01	7.35E-02	2.27E-01			YES	2.96E-01			YES	1.10E-01			YES	1.03E+01		YES	YES	1.34E+01		YES	YES
Mercury	mg/L	NA	4.80E-04	ND				ND				6.30E-05	B			ND				6.10E-05	B		
Nickel	mg/L	NA	3.13E-02	1.03E-02	J			ND				ND				ND				ND			
Potassium	mg/L	7.20E+00	NA	4.20E+00	J			4.54E+00	J			2.79E+00	J			ND				1.03E+00	J		
Selenium	mg/L	NA	7.82E-03	ND				ND				ND				ND				ND			
Sodium	mg/L	1.48E+01	NA	9.03E+00				1.55E+01		YES		1.19E+01				ND				1.71E+01		YES	
Thallium	mg/L	1.45E-03	1.00E-04	4.70E-03	B	YES	YES	4.00E-03	B	YES	YES	4.40E-03	B	YES	YES	ND				5.70E-03	B	YES	YES
Vanadium	mg/L	1.70E-02	1.10E-02	2.80E-02	B	YES	YES	2.56E-02	B	YES	YES	1.13E-02	J		YES	ND				2.24E-02	J	YES	YES
Zinc	mg/L	2.20E-01	4.69E-01	1.95E-02	J			ND				ND				ND				ND			
VOLATILE ORGANIC COMPOUNDS																							
1,2,3-Trichlorobenzene	mg/L	NA	1.32E-03	ND				ND				ND				ND				ND			
1,2,4-Trichlorobenzene	mg/L	NA	1.35E-02	ND				ND				ND				ND				ND			
1,2,4-Trimethylbenzene	mg/L	NA	6.00E-03	ND				ND				ND				ND				ND			
1,2-Dichloropropane	mg/L	NA	9.80E-04	ND				ND				ND				ND				ND			
1,2-Dimethylbenzene	mg/L	NA	2.80E+00	ND				ND				ND				ND				ND			
1,4-Dichlorobenzene	mg/L	NA	1.75E-03	ND				ND				ND				ND				ND			
2-Butanone	mg/L	NA	7.14E-01	ND				ND				ND				ND				ND			
Acetone	mg/L	NA	1.56E-01	ND				ND				ND				4.80E-03	B			ND			
Benzene	mg/L	NA	1.40E-03	ND				ND				ND				ND				ND			
Bromomethane	mg/L	NA	2.17E-03	ND				ND				ND				ND				ND			
Carbon disulfide	mg/L	NA	1.51E-01	ND				ND				ND				ND				ND			
Chlorobenzene	mg/L	NA	1.62E-02	ND				ND				ND				ND				ND			
Cumene	mg/L	NA	1.27E-01	ND				ND				ND				ND				ND			
Ethylbenzene	mg/L	NA	1.40E-01	ND				ND				ND				ND				ND			
Hexachlorobutadiene	mg/L	NA	8.30E-04	ND				ND				ND				ND				ND			
Naphthalene	mg/L	NA	3.00E-03	ND				ND				ND				ND				ND			
Toluene	mg/L	NA	2.59E-01	ND				ND				ND				ND				ND			
Trichloroethene	mg/L	NA	4.50E-03	ND				ND				ND				ND				ND			
cis-1,2-Dichloroethene	mg/L	NA	1.55E-02	ND				ND				ND				ND				ND			
m,p-Xylenes	mg/L	NA	2.80E+00	ND				ND				ND				ND				ND			
n-Butylbenzene	mg/L	NA	9.57E-03	ND				ND				ND				ND				ND			
n-Propylbenzene	mg/L	NA	1.30E-02	ND				ND				ND				ND				ND			
o-Chlorotoluene	mg/L	NA	2.82E-02	ND				ND				ND				ND				ND			
p-Chlorotoluene	mg/L	NA	2.82E-02	ND				ND				ND				ND				ND			
p-Cymene	mg/L	NA	2.26E-01	ND				ND				ND				ND				ND			
sec-Butylbenzene	mg/L	NA	1.06E-02	ND				ND				ND				ND				ND			
tert-Butylbenzene	mg/L	NA	1.14E-02	ND				ND				ND				ND				ND			

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Fort McClellan, Calhoun County, Alabama

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Sample Location Sample Number Sample Date				FTA-29-GP06 AA3006 4-Dec-98				FTA-29-GP07 AA3020 8-Dec-98				FTA-29-GP08 AA3008 14-Dec-98				FTA-29-GP09 AA3009 8-Oct-98				FTA-29-GP10 AA3012 14-Dec-98			
Parameter	Units	BKG ^a	SSSL ^b	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL
SEMIVOLATILE ORGANIC COMPOUNDS																							
1,4-Dichlorobenzene	mg/L	NA	1.75E-03	ND				ND				ND				ND				ND			
2-Methylnaphthalene	mg/L	NA	2.48E-02	ND				ND				ND				ND				ND			
Acenaphthene	mg/L	NA	6.58E-02	ND				ND				ND				ND				ND			
Di-n-butyl phthalate	mg/L	NA	1.48E-01	ND				2.30E-03	J			ND				ND				4.00E-03	J		
Dibenzofuran	mg/L	NA	4.34E-03	ND				ND				ND				ND				ND			
Fluorene	mg/L	NA	4.66E-02	ND				ND				ND				ND				ND			
Naphthalene	mg/L	NA	3.00E-03	ND				ND				ND				ND				ND			
Phenanthrene	mg/L	NA	2.81E-01	ND				ND				ND				ND				ND			
Phenol	mg/L	NA	9.31E-01	6.70E-03	B			5.00E-03	B			ND				2.80E-03	B			ND			
bis(2-Ethylhexyl)phthalate	mg/L	NA	4.30E-03	ND				ND				ND				ND				ND			

Table 5-3

Groundwater Analytical Results
11th Chemical Motor Pool Area, Parcels 29(7), 30(7), and 74(7)
Fort McClellan, Calhoun County, Alabama

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Sample Location Sample Number Sample Date				FTA-29-MW02 AA3013 9-Nov-98				FTA-29-MW03 AA3014 10-Nov-98				FTA-29-MW04 AA3017 9-Nov-98				FTA-29-MW04 AA3017R 17-Nov-98				FTA-29-MW05 AA3018 10-Nov-98			
Parameter	Units	BKG ^a	SSSL ^b	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL
METALS																							
Aluminum	mg/L	2.34E+00	1.56E+00	1.02E+00				ND				2.51E-01				NR				ND			
Arsenic	mg/L	1.78E-02	4.00E-05	ND				ND				ND				NR				ND			
Barium	mg/L	1.27E-01	1.10E-01	ND				7.29E-01		YES	YES	1.33E+00		YES	YES	NR				3.12E-01		YES	YES
Beryllium	mg/L	1.24E-03	3.12E-03	ND				ND				ND				NR				ND			
Cadmium	mg/L	2.51E-03	7.80E-04	ND				ND				ND				NR				ND			
Calcium	mg/L	5.65E+01	NA	3.00E+01				3.53E+01				5.38E+01				NR				2.68E+01			
Chromium	mg/L	NA	4.69E-03	ND				ND				ND				NR				ND			
Cobalt	mg/L	2.34E-02	9.39E-02	ND				ND				ND				NR				ND			
Copper	mg/L	2.55E-02	6.26E-02	ND				ND				ND				NR				ND			
Iron	mg/L	7.04E+00	4.69E-01	1.26E+00			YES	2.04E+01		YES	YES	1.30E+01		YES	YES	NR				2.47E+01		YES	YES
Lead	mg/L	7.99E-03	1.50E-02	ND				ND				ND				NR				ND			
Magnesium	mg/L	2.13E+01	NA	1.35E+01				1.70E+01				1.77E+01				NR				1.21E+01			
Manganese	mg/L	5.81E-01	7.35E-02	4.55E+00		YES	YES	3.10E+00		YES	YES	5.17E-01			YES	NR				3.73E+00		YES	YES
Mercury	mg/L	NA	4.60E-04	ND				ND				ND				NR				ND			
Nickel	mg/L	NA	3.13E-02	ND				ND				ND				NR				ND			
Potassium	mg/L	7.20E+00	NA	ND				ND				ND				NR				ND			
Selenium	mg/L	NA	7.82E-03	ND				ND				ND				NR				ND			
Sodium	mg/L	1.48E+01	NA	8.53E+00				8.22E+00				1.41E+01				NR				7.70E+00			
Thallium	mg/L	1.45E-03	1.00E-04	ND				ND				ND				NR				ND			
Vanadium	mg/L	1.70E-02	1.10E-02	ND				ND				ND				NR				ND			
Zinc	mg/L	2.20E-01	4.69E-01	ND				ND				ND				NR				ND			
VOLATILE ORGANIC COMPOUNDS																							
1,2,3-Trichlorobenzene	mg/L	NA	1.32E-03	ND				ND				NR				3.30E-04	J			ND			
1,2,4-Trichlorobenzene	mg/L	NA	1.35E-02	ND				4.30E-04	B			NR				3.00E-04	J			ND			
1,2,4-Trimethylbenzene	mg/L	NA	6.00E-03	1.20E-04	J			ND				NR				1.70E-04	J			ND			
1,2-Dichloropropane	mg/L	NA	9.80E-04	ND				ND				NR				ND				ND			
1,2-Dimethylbenzene	mg/L	NA	2.80E+00	4.00E-04	J			3.40E-04	J			NR				1.40E-03				ND			
1,4-Dichlorobenzene	mg/L	NA	1.75E-03	ND				ND				NR				ND				1.60E-03			
2-Butanone	mg/L	NA	7.14E-01	ND				ND				NR				ND				ND			
Acetone	mg/L	NA	1.56E-01	ND				ND				NR				1.40E-02	J			ND			
Benzene	mg/L	NA	1.40E-03	ND				1.10E-04	J			NR				2.50E-04	J			ND			
Bromomethane	mg/L	NA	2.17E-03	1.90E-04	B			ND				NR				ND				1.50E-04	B		
Carbon disulfide	mg/L	NA	1.51E-01	ND				ND				NR				ND				ND			
Chlorobenzene	mg/L	NA	1.62E-02	ND				ND				NR				ND				1.70E-03			
Cumene	mg/L	NA	1.27E-01	ND				1.90E-03				NR				3.30E-03				1.80E-04	J		
Ethylbenzene	mg/L	NA	1.40E-01	2.70E-04	J			1.20E-04	J			NR				1.40E-04	J			ND			
Hexachlorobutadiene	mg/L	NA	8.30E-04	ND				ND				NR				2.70E-04	J			ND			
Naphthalene	mg/L	NA	3.00E-03	ND				3.10E-04	J			NR				2.80E-03	J			4.20E-04	J		
Toluene	mg/L	NA	2.59E-01	ND				1.30E-04	J			NR				1.50E-04	J			ND			
Trichloroethene	mg/L	NA	4.50E-03	ND				ND				NR				ND				1.40E-04	J		
cis-1,2-Dichloroethene	mg/L	NA	1.55E-02	ND				ND				NR				ND				1.90E-04	J		
m,p-Xylenes	mg/L	NA	2.80E+00	1.10E-03				3.90E-04	J			NR				7.50E-04	J			ND			
n-Butylbenzene	mg/L	NA	9.57E-03	ND				4.00E-03				NR				1.90E-03				2.20E-04	B		
n-Propylbenzene	mg/L	NA	1.30E-02	ND				1.40E-03				NR				4.20E-03				ND			
o-Chlorotoluene	mg/L	NA	2.82E-02	ND				ND				NR				6.80E-04	J			ND			
p-Chlorotoluene	mg/L	NA	2.82E-02	ND				ND				NR				2.40E-04	J			ND			
p-Cymene	mg/L	NA	2.26E-01	ND				ND				NR				1.30E-04	J			ND			
sec-Butylbenzene	mg/L	NA	1.06E-02	ND				4.60E-03				NR				2.90E-03				8.70E-04	J		
tert-Butylbenzene	mg/L	NA	1.14E-02	ND				1.40E-03				NR				1.40E-03				7.20E-04	J		

Table 5-3

Groundwater Analytical Results
11th Chemical Motor Pool Area, Parcels 29(7), 30(7), and 74(7)
Fort McClellan, Calhoun County, Alabama

(Page 6 of 6)

Sample Location Sample Number Sample Date				FTA-29-MW02 AA3013 9-Nov-98				FTA-29-MW03 AA3014 10-Nov-98				FTA-29-MW04 AA3017 9-Nov-98				FTA-29-MW04 AA3017R 17-Nov-98				FTA-29-MW05 AA3018 10-Nov-98			
Parameter	Units	BKG ^a	SSSL ^b	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL
SEMIVOLATILE ORGANIC COMPOUNDS																							
1,4-Dichlorobenzene	mg/L	NA	1.75E-03	ND				ND				ND				NR				1.10E-03	J		
2-Methylnaphthalene	mg/L	NA	2.48E-02	ND				ND				ND				NR				ND			
Acenaphthene	mg/L	NA	6.58E-02	ND				2.20E-03	J			ND				NR				ND			
Di-n-butyl phthalate	mg/L	NA	1.48E-01	1.40E-02				3.60E-03	J			1.50E-02				NR				3.70E-03	J		
Dibenzofuran	mg/L	NA	4.34E-03	ND				ND				ND				NR				ND			
Fluorene	mg/L	NA	4.66E-02	ND				1.60E-03	J			ND				NR				ND			
Naphthalene	mg/L	NA	3.00E-03	ND				ND				1.60E-03	J			NR				ND			
Phenanthrene	mg/L	NA	2.81E-01	ND				ND				ND				NR				ND			
Phenol	mg/L	NA	9.31E-01	1.00E-03	B			1.70E-03	B			1.50E-03	B			NR				1.30E-03	B		
bis(2-Ethylhexyl)phthalate	mg/L	NA	4.30E-03	1.70E-03	J			ND				ND				NR				ND			

Analyses performed by Quanterra Environmental Services using U.S. Environmental Protection Agency (EPA) SW-846 analytical methods, including Update III methods where applicable.

^a Bkg - Background. Concentration listed is two times (2x) the arithmetic mean of background metals concentration given in Science Applications International Corporation (1998), *Final Background Metals Survey Report, Fort McClellan, Alabama*, July.

^b Residential human health site-specific screening level (SSSL) as given in IT Corporation (2000b), *Final Human Health and Ecological Screening Values and PAH Background Summary Report, Fort McClellan, Calhoun County, Alabama*, July.

B - Analyte detected in laboratory or field blank at concentration greater than the reporting limit (and greater than zero).

J - The compound is positively identified; the reported value is estimated.

mg/L - Milligrams per liter

NA - Not available

ND - Not detected

NR - Analysis not requested

Qual - Data validation qualifier

Table 5-4

Surface Water Analytical Results
11th Chemical Motor Pool Area, Parcels 29(7), 30(7), and 74(7)
Fort McClellan, Calhoun County, Alabama

Sample Location Sample Number Sample Date					FTA-29-SW/SD01 AA2001 20-Oct-98					FTA-29-SW/SD01 AA2001R 29-Oct-98					FTA-29-SW/SD02 AA2002 20-Oct-98					FTA-29-SW/SD03 AA2003 20-Oct-98				
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																								
Aluminum	mg/L	5.26E+00	1.53E+01	8.70E-02	ND					NR					ND					3.68E-01				YES
Calcium	mg/L	2.52E+01	NA	1.16E+02	3.04E+01		YES			NR					3.12E+01		YES			3.52E+01		YES		
Iron	mg/L	1.96E+01	4.70E+00	1.00E+00	7.23E-01					NR					2.05E-01					9.50E-01				
Magnesium	mg/L	1.10E+01	NA	8.20E+01	1.15E+01		YES			NR					1.15E+01		YES			1.05E+01				
Manganese	mg/L	5.65E-01	6.40E-01	8.00E-02	2.29E-01				YES	NR					6.92E-02					2.62E-01				YES
VOLATILE ORGANIC COMPOUNDS																								
Acetone	mg/L	NA	1.57E+00	7.80E+01	NR					2.00E-03	B				1.50E-03	B				1.50E-03	B			
Bromodichloromethane	mg/L	NA	1.70E-02	1.10E+01	NR					2.00E-04	J				ND					ND				
Chloroform	mg/L	NA	1.69E-01	2.89E-01	NR					1.70E-03	B				4.20E-04	B				ND				
SEMIVOLATILE ORGANIC COMPOUNDS																								
Phenol	mg/L	NA	9.06E+00	2.56E-01	2.00E-03	B				NR					4.80E-03	B				2.20E-03	B			
bis(2-Ethylhexyl)phthalate	mg/L	NA	5.17E-02	3.00E-04	ND					NR					2.20E-03	J			YES	ND				

Analyses performed by Quanterra Environmental Services using U.S. Environmental Protection Agency (EPA) SW-846 analytical methods, including Update III methods where applicable.

^a Bkg - Background. Concentration listed is two times (2x) the arithmetic mean of background metals concentration given in Science Applications International Corporation (1998), *Final Background Metals Survey Report, Fort McClellan, Alabama*, July.

^b Recreational site user site-specific screening level (SSSL) and ecological screening value (ESV) as given in IT Corporation (2000b), *Final Human Health and Ecological Screening Values and PAH Background Summary Report, Fort McClellan, Calhoun County, Alabama*, July.

B - Analyte detected in laboratory or field blank at concentration greater than the reporting limit (and greater than zero).

J - The compound is positively identified; the reported value is estimated.

mg/L - Milligrams per liter.

NA - Not available.

ND - Not detected.

NR - Analysis not requested.

Qual - Data validation qualifier.

Table 5-5

Sediment Analytical Results
11th Chemical Motor Pool Area, Parcels 29(7), 30(7), and 74(7)
Fort McClellan, Calhoun County, Alabama

Sample Location Sample Number Sample Date					FTA-29-SW/SD01 AA1001 20-Oct-98					FTA-29-SW/SD02 AA1002 20-Oct-98					FTA-29-SW/SD03 AA1003 20-Oct-98				
Parameter	Units	BKG ^a	SSSL ^b	ESV ^b	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	8.59E+03	1.15E+06	NA	2.51E+03					2.99E+03					2.72E+03				
Arsenic	mg/kg	1.13E+01	5.58E+01	7.24E+00	8.60E+00				YES	4.40E+00					6.80E+00				
Barium	mg/kg	9.89E+01	8.36E+04	NA	2.56E+02		YES			8.06E+01					ND				
Beryllium	mg/kg	9.70E-01	1.50E+02	NA	6.40E-01					ND					6.50E-01				
Calcium	mg/kg	1.11E+03	NA	NA	9.61E+03		YES			5.28E+03		YES			3.67E+03		YES		
Chromium	mg/kg	3.12E+01	2.79E+03	5.23E+01	2.38E+01					2.17E+01					2.39E+01				
Cobalt	mg/kg	1.10E+01	6.72E+04	5.00E+01	1.76E+01		YES			1.00E+01					8.30E+00				
Copper	mg/kg	1.71E+01	4.74E+04	1.87E+01	1.87E+01		YES		YES	9.10E+00					9.50E+00				
Iron	mg/kg	3.53E+04	3.59E+05	NA	2.10E+04					1.48E+04					2.35E+04				
Lead	mg/kg	3.78E+01	4.00E+02	3.02E+01	3.41E+01				YES	3.49E+01				YES	1.85E+01				
Magnesium	mg/kg	9.06E+02	NA	NA	5.40E+03		YES			3.50E+03		YES			1.58E+03		YES		
Manganese	mg/kg	7.12E+02	4.38E+04	NA	2.33E+03		YES			4.68E+02					2.47E+02				
Nickel	mg/kg	1.30E+01	1.76E+04	1.59E+01	1.02E+01					1.00E+01					7.10E+00				
Selenium	mg/kg	7.20E-01	5.96E+03	NA	ND					ND					7.70E-01		YES		
Vanadium	mg/kg	4.09E+01	4.83E+03	NA	2.49E+01					6.30E+00					ND				
Zinc	mg/kg	5.27E+01	3.44E+05	1.24E+02	4.31E+01					2.99E+01	B				2.69E+01	B			
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	6.23E+05	1.37E-01	9.20E-03	J				ND					ND				
Acetone	mg/kg	NA	1.03E+05	4.53E-01	1.30E-01	B				9.90E-02	B				5.90E-02	B			
Methylene chloride	mg/kg	NA	9.84E+03	1.26E+00	1.80E-02	B				1.20E-02	B				1.10E-02	B			
Naphthalene	mg/kg	NA	2.11E+04	3.46E-02	ND					3.50E-03	J				ND				
SEMIVOLATILE ORGANIC COMPOUNDS																			
bis(2-Ethylhexyl)phthalate	mg/kg	NA	5.41E+03	1.82E-01	ND					ND					4.90E-02	J			

Analyses performed by Quanterra Environmental Services using U.S. Environmental Protection Agency (EPA) SW-846 analytical methods, including Update III methods where applicable.

^a Bkg - Background. Concentration listed is two times (2x) the arithmetic mean of background metals concentration given in Science Applications International Corporation (1998), *Final Background Metals Survey Report, Fort McClellan, Alabama*, July.

^b Recreational site user site-specific screening level (SSSL) and ecological screening value (ESV) as given in IT Corporation (2000b), *Final Human Health and Ecological Screening Values and PAH Background Summary Report, Fort McClellan, Calhoun County, Alabama*, July.

B - Analyte detected in laboratory or field blank at concentration greater than the reporting limit (and greater than zero).

J - The compound is positively identified; the reported value is estimated.

mg/kg - Milligrams per kilogram.

NA - Not available.

ND - Not detected.

Qual - Data validation qualifier.