Table 5-2

Subsurface Soil Analytical Results
Former Incinerators, Buildings 4428 and 4430, Parcel 96(7)
Fort McClellan, Calhoun County, Alabama

Parcel				GSBP-96				GSBP-96				GSBP-96				GSBP-96			
Sample Location				GSBP-96-MW04				SI08-SS01				SI08-SS02				SI08-SS03			
Sample Number				BY0001				08-SS01B				08-SS02B				08-SS03B			
Sample Date				18-Jan-00				15-May-98				15-May-98				15-May-98			
Sample Depth (Feet)				1 - 3				3 - 4				3 - 4				3 - 4			
Parameter	Units	BKG[a]	SSSL[b]	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL
METALS																			
Aluminum	mg/kg	1.36E+04	7.80E+03	1.39E+04		YES	YES	9.57E+03			YES	1.88E+04		YES	YES	1.97E+04		YES	YES
Arsenic	mg/kg	1.83E+01	4.26E-01	3.50E+00			YES	4.67E+00			YES	6.50E+00			YES	6.87E+00			YES
Barium	mg/kg	2.34E+02	5.47E+02	5.33E+01				2.01E+01				5.02E+01				4.34E+01			
Beryllium	mg/kg	8.60E-01	9.60E+00	6.70E-01				1.10E+00		YES		3.89E-01				2.76E-01			
Calcium	mg/kg	6.37E+02	NA	4.89E+02	J			2.36E+02				2.76E+02				7.62E+02		YES	
Chromium	mg/kg	3.83E+01	2.32E+01	1.63E+01				1.65E+01				3.39E+01			YES	3.29E+01			YES
Cobalt	mg/kg	1.75E+01	4.68E+02	5.20E+00	J			2.48E+00				1.25E+00				1.24E+00			
Copper	mg/kg	1.94E+01	3.13E+02	2.22E+01		YES		4.02E+01		YES		2.13E+01		YES		1.97E+01		YES	
Iron	mg/kg	4.48E+04	2.34E+03	3.04E+04			YES	4.37E+04			YES	5.52E+04		YES	YES	5.12E+04		YES	YES
Lead	mg/kg	3.85E+01	4.00E+02	1.16E+01				2.48E+01				1.51E+01				1.45E+01			
Magnesium	mg/kg	7.66E+02	NA	1.43E+03		YES		2.01E+02				4.02E+02				4.34E+02			
Manganese	mg/kg	1.36E+03	3.63E+02	2.66E+01				3.66E+01				3.64E+00				5.65E+00			
Mercury	mg/kg	7.00E-02	2.33E+00	5.80E-02	B			2.90E-02	J			3.14E-02	J			1.97E-01		YES	
Nickel	mg/kg	1.29E+01	1.54E+02	1.41E+01		YES		6.74E+00				3.64E+00				3.55E+00			
Potassium	mg/kg	7.11E+02	NA	4.42E+02	J			5.20E+02				5.52E+02				5.91E+02			
Sodium	mg/kg	7.02E+02	NA	ND				3.07E+02				2.01E+02				1.71E+02			
Thallium	mg/kg	1.40E+00	5.08E-01	9.30E-01	B		YES	7.92E-01			YES	9.41E-01			YES	9.86E-01			YES
Vanadium	mg/kg	6.49E+01	5.31E+01	2.79E+01				3.07E+01				7.03E+01		YES	YES	6.70E+01		YES	YES
Zinc	mg/kg	3.49E+01	2.34E+03	3.75E+01		YES		6.15E+01		YES		1.51E+01				1.71E+01			
VOLATILE ORGANIC COMPOUNDS																			
1,1,1-Trichloroethane	mg/kg	NA	1.55E+03	1.10E-03	B			5.20E-03				5.10E-03				6.80E-03			
2-Butanone	mg/kg	NA	4.66E+03	ND				ND				5.30E-03	J			ND			
Acetone	mg/kg	NA	7.76E+02	ND				ND				ND				1.10E+00	J		
Ethylbenzene	mg/kg	NA	7.77E+02	ND				4.10E-03	J			3.90E-03	J			3.50E-03	J		
Methylene chloride	mg/kg	NA	8.41E+01	3.60E-03	B			5.40E-03	B			4.30E-03	B			6.10E-03	B		
Tetrachloroethene	mg/kg	NA	1.21E+01	ND				1.70E-02				1.60E-02				1.30E-02			
Toluene	mg/kg	NA	1.55E+03	ND				3.50E-03	J			7.60E-03				1.40E-03	J		
Trichloroethene	mg/kg	NA	5.72E+01	ND				5.00E-03				4.70E-03	J			3.10E-03	B		
Trichlorofluoromethane	mg/kg	NA	2.33E+03	2.40E-03	J			NR				NR				NR			
Xylene, Total	mg/kg	NA	1.55E+04	NA				1.80E-02				1.70E-02				1.60E-02			
WET CHEMISTRY																			
Total Organic Carbon	mg/kg	NA	NA	NR				8.66E+02				NR				4.20E+03			
SEMIVOLATILE ORGANIC COMPOUNDS																			
bis(2-Ethylhexyl)phthalate	mg/kg	NA	4.52E+01	5.50E-02	B			2.70E-02	B			ND				7.50E-02	B		
DIOXINS																			
1,2,3,4,6,7,8-Heptachlorodibenzo-p-Dioxin	mg/kg	NA	4.20E-04	8.40E-06	J			NR				NR				NR			
Heptachlorodibenzo-p-Dioxin	mg/kg	NA	NA	1.40E-05	J			NR				NR				NR			
Octachlorodibenzo-p-Dioxin	mg/kg	NA	4.20E-03	1.80E-03	J			NR				NR				NR			