

Table 2-1

Summary of Soil Sample Analytical Results^a
1990
11th Chemical Motor Pool Area, Building 3299, Parcel 29(7)
Fort McClellan, Calhoun County, Alabama

Monitoring Well Number	Depth Interval (feet bgs)	TRPH Concentration (mg/kg)
MW5-1	5.0-6.5	88
	10.0-11.5	57
MW5-2	5.0-6.5	73
	10.0-11.5	78
MW5-3	5.0 - 6.5	132
	10.0 - 11.5	112
MW5-4	5.0 - 6.5	2,718
	10.0 - 11.5	128

^aData from soil samples collected by USACE during monitoring well installation in 1990.

Source: Ecology & Environment, Inc., 1991, *Preliminary Investigation Report for Closure of Underground Storage Tanks, Fort McClellan, Anniston, Alabama*.

bgs - Below ground surface.

mg/kg - Milligrams per kilogram.

TRPH - Total recoverable petroleum hydrocarbons.

Table 2-2

**Summary of Soil Sample Analytical Results
1992
11th Chemical Motor Pool Area, Building 3299, Parcel 29(7)
Fort McClellan, Calhoun County, Alabama**

Monitoring Well/Boring	Depth Interval (feet bgs)	TRPH Concentration (mg/kg)
MW5-5	3-5	ND
MW5-6	2-4	ND
B5-7	2-4	ND
	4-6	ND
B5-10	4-6	43
	6-8	ND
B5-11	0-2	34
	2-3.5	47

Source: Ecology & Environment, Inc., 1992, *Secondary Investigation Report for Closure of Surplus Underground Storage Tanks, Fort McClellan, Anniston, Alabama*.

bgs - Below ground surface.

mg/kg - Milligrams per kilogram.

ND - Not detected.

TRPH - Total recoverable petroleum hydrocarbons.

Table 2-3

**Summary of Groundwater Analytical Results
Preliminary and Secondary Investigations
1990 and 1992
11th Chemical Motor Pool Area, Building 3299, Parcel 29(7)
Fort McClellan, Calhoun County, Alabama**

Parameter	Monitoring Well Number/Concentration (µg/L)						ADEM/EPA	
							MCL	MCL
	MW5-1	MW5-2	MW5-3	MW5-4	MW5-5	MW5-6		
Benzene	ND / ND	ND / ND	2.8 / 0.89	8.3 / 5.8	NA / ND	NA / ND	5	5
Total Xylene	ND	ND	2 / ND	1.8 / 3.2	NA / ND	NA / ND		10,000
Ethyl Benzene	ND	ND	ND / 1.4	ND	NA / ND	NA / ND		700
Toluene	ND	ND	ND	ND / 0.98	NA / ND	NA / ND		1,000
MTBE	ND	ND	22 / 4.7	46 / 8	NA / ND	NA / ND		
Naphthalene	NA	NA	ND	ND	NA / ND	NA / ND		
1-Methylnaphthalene	NA	NA	ND	ND	NA / ND	NA / ND		
2-Methylnaphthalene	NA	NA	ND	ND	NA / ND	NA / ND		
Acenaphthene	NA	NA	ND	ND	NA / ND	NA / ND		
Fluoranthene	NA	NA	ND	ND	NA / ND	NA / ND		
Anthracene	NA	NA	ND	ND	NA / ND	NA / ND		
Fluorene	NA	NA	ND	ND	NA / ND	NA / ND		
Phenanthrene	NA	NA	ND	ND	NA / ND	NA / ND		
Pyrene	NA	NA	ND	ND	NA / ND	NA / ND		
Lead	NA	NA	8.1 / ND	9.3 / ND	NA / 16	NA / ND	20	15

Sources:

Ecology & Environment, Inc., 1991, *Preliminary Investigation Report for Closure of Underground Storage Tanks, Fort McClellan, Anniston, Alabama.*

Ecology & Environment, Inc., 1992, *Secondary Investigation Report for Closure of Surplus Underground Storage Tanks, Fort McClellan, Anniston, Alabama.*

Monitoring wells MW5-5 and MW5-6 installed during secondary investigation.

8.3/5.8 - 1990 preliminary investigation concentration/1992 secondary investigation concentration.

ADEM - Alabama Department of Environmental Management.

EPA - U.S Environmental Protection Agency.

MCL - Maximum contaminant level (µg/L).

µg/L - Micrograms per liter.

MTBE - Methyl-tert-butyl ether.

NA - Not analyzed.

ND - Not detected.

Table 2-4

**Summary of Soil Sample Analytical Results
1994
11th Chemical Motor Pool Area, Building 3299, Parcel 29(7)
Fort McClellan, Calhoun County, Alabama**

Soil Sample Location	Sample Depth (feet)	TPH (mg/kg)	Total Lead (mg/kg)
3298-N	7.5	85	13
3298-E	7.5	5	17
3298-S	5	775	9.7
	7.5	140	18
3298-W	7.5	20	18
Stockpile	NA	2,900	26

Source: Braun Intertec Corporation, 1995, *UST Closure, Site Assessment Report*, Fort McClellan, Building 3298, Calhoun County, Alabama, January.

mg/kg - Milligrams per kilogram.

TPH - Total petroleum hydrocarbons.