

Table 3. Results of analyses for volatile organic compounds in sediment samples; Coliseum Blvd. Plume Investigation; Montgomery, Alabama.

				(Concentrations are in µg/kg [micrograms per kilogram])																	
Sample Identifier	MIP Identifier	Depth of Sample (ft. BLS)	Sample Date	PCE		TCE		CT		cis-DCE		1,1-DCE		VC		M,P Xylenes ³	Toluene ³	Ethylbenzene ³	O-Xylene ³	MC	
				0.1 µg/kg*	3.0 µg/kg**	0.1 µg/kg*	3.0 µg/kg**	0.1 µg/kg*	3.0 µg/kg**	0.1 µg/kg*	3.0 µg/kg**	0.1 µg/kg*	3.0 µg/kg**	0.1 µg/kg*	3.0 µg/kg**	0.1 µg/kg*	3.0 µg/kg**	3.0 µg/kg**	3.0 µg/kg**	3.0 µg/kg**	3.0 mg/kg**
				Field ¹	Lab ²	Field ¹	Lab ²	Field ¹	Lab ²	Field ¹	Lab ²	Field ¹	Lab ²	Field ¹	Lab ²	Field ¹	Lab ²	Lab ²	Lab ²	Lab ²	Lab ²
PH-1		1	02/16/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	
		8	02/16/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
PH-2		1	02/16/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
		9	02/16/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
		11.5	02/16/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
		17	02/16/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
PH-3		1	02/17/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
		24	02/17/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
Dup ⁴		24	02/17/00	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	4.2	3.8	ND	ND	ND	
PH-4		1	02/18/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	
		5	02/18/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
		12	02/18/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
PH-5		1	02/22/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	
		8	02/22/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
		18	02/22/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
PH-6		1	02/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	
		7.5	02/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
		12	02/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
PH-7		5.5	02/22/00	ND	NS	ND	NS	ND	NS	ND	NS	5.9	NS	ND	NS	NS	NS	NS	NS	NS	
PH-8		1	02/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	
		7	02/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
		17	02/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
PH-9 Dup ⁴		1	02/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	
		1	02/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
		7	02/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
		15	02/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
PH-10		1	02/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	
		6.5	02/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
		17.5	02/23/00	ND	NS	5.2	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
PH-11		1	02/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	
		7	02/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
		22.5	02/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
PH-12		1	02/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	
		7.5	02/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
		12.5	02/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
PH-13		1	03/01/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	
		10	03/01/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
Dup ⁴		10	03/01/00	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	--	--	--	--	--	
PH-14		1	02/28/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	
		8	02/28/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
		14.5	02/28/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
PH-15 Dup ⁴		1	02/28/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	
		-10	02/28/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
		20	02/28/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
		20	02/28/00	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
PH-16		1	02/28/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	
		7	02/28/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
		16	02/28/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS
HA-1		0.5	02/29/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS		
HA-2		0.5	03/01/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS		
HA-3		0.5	03/01/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS		

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TABLE 3--Continued

Sample Identifier	MIP Identifier	Depth of Sample (ft. BLS)	Sample Date	(Concentrations are in µg/kg [micrograms per kilogram])																		
				PCE		TCE		CT		cis-DCE		1,1-DCE		VC		M,P Xylenes ³	Toluene ³	Ethylbenzene ³	O-Xylene ³	MC		
				2.0 µg/kg*	3.0 µg/kg**	2.0 µg/kg*	3.0 µg/kg**	2.0 µg/kg*	3.0 µg/kg**	2.0 µg/kg*	3.0 µg/kg**	2.0 µg/kg*	3.0 µg/kg**	2.0 µg/kg*	3.0 µg/kg**	2.0 µg/kg*	3.0 µg/kg**	3.0 µg/kg**	3.0 µg/kg**	3.0 µg/kg**	3.0 mg/kg**	
				Field ²	Lab ²	Field ²	Lab ²	Field ²	Lab ²	Field ²	Lab ²	Field ²	Lab ²	Field ²	Lab ²	Field ²	Lab ²	Lab ²	Lab ²	Lab ²	Lab ²	
PH-17		3.5-4	05/08/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
		8-8.5	05/08/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	
PH-18 Dup ⁴		3.5-4	05/09/00	ND	NS	ND	NS	ND	NS	3.0	NS	3.0	NS	ND	NS	NS	NS	NS	NS	NS		
		7.5-8	05/09/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	
		7.5-8	05/09/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	NS
		9.5-10	05/09/00	ND	NS	ND	NS	ND	NS	3.0	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	NS
PH-19		3.5-4	05/10/00	ND	NS	ND	NS	ND	NS	5.0	NS	6.0	NS	ND	NS	NS	NS	NS	NS	NS		
		6-6.5	05/10/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	
		8-8.5	05/10/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	NS
		11.5-12	05/10/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	NS
PH-20		5-5.5	05/11/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
		10.5-11	05/11/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	
		21-21.5	05/11/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	NS
		23-23.5	05/11/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	NS
PH-21		4-4.5	05/12/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
		12.5-13	05/12/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	
		22.5-23	05/12/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	
PH-22		2.5-3	05/15/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
		4.5-5	05/15/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	
		15-15.5	05/15/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	
PH-23		4-4.5	05/16/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
		10.5-11	05/16/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
		14-14.5	05/16/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
		21-21.5	05/16/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	
		23.5-24	05/16/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	
PH-24 Dup ⁴		10-10.5	05/18/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	11.9	6.1	2.6	3.2	ND		
		10-10.5	05/18/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
		12.5-13	05/18/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
		26.5-27	05/18/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
PH-25		4-4.5	05/22/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
		9.5-10	05/22/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
		19-19.5	05/22/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
PH-26 Dup ⁴		2-2.5	05/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
		9-9.5	05/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
		24.5-25	05/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
		24.5-25	05/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
PH-27		2-2.5	05/24/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
		9.5-10	05/24/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
		26-26.5	05/24/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
PH-28 Dup ⁴		5-5.5	05/25/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
		5-5.5	05/25/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
		7-7.5	05/25/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
		15.5-16	05/25/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		

Sample Identifier	MIP Identifier	Depth of Sample (ft. BLS)	Sample Date	(Concentrations are in µg/kg [micrograms per kilogram])																
				PCE		TCE		CT		cis-DCE		1,1-DCE		VC		M,P Xylenes ³	Toluene ³	Ethylbenzene ³	O-Xylene ³	MC
				3.0 µg/kg**		3.0 µg/kg**		3.0 µg/kg**		3.0 µg/kg**		3.0 µg/kg**		3.0 µg/kg**		3.0 µg/kg**	3.0 µg/kg**	3.0 µg/kg**	3.0 µg/kg**	3.0 mg/kg**
				Field	Lab ²	Field	Lab ²	Field	Lab ²	Field	Lab ²	Field	Lab ²	Field	Lab ²	Field	Lab ²	Lab ²	Lab ²	Lab ²
PH-29		7-8	08/21/00	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	
		17-18	08/21/00	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	
PH-30		7-8	08/22/00	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	
		13-14	08/22/00	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	
PH-31		5.5-6.5	08/25/00	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	
		10-11	08/25/00	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	
PH-32		6.5-7.5	08/23/00	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	
		37-38	08/23/00	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	
PH-33		4-5	08/29/00	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	

Continued on next page

TABLE 3--Continued

Sample Identifier	MIP Identifier	Depth of Sample (ft. BLS)	Sample Date	(Concentrations are in µg/kg [micrograms per kilogram])																			
				PCE		TCE		CT		cis-DCE		1,1-DCE		VC		M,P Xylenes ³	Toluene ³	Ethylbenzene ³	O-Xylene ³	MC			
				Field	3.0 µg/kg** Lab ⁻	Field	3.0 µg/kg** Lab ⁻	Field	3.0 µg/kg** Lab ⁻	Field	3.0 µg/kg** Lab ⁻	Field	3.0 µg/kg** Lab ⁻	Field	3.0 µg/kg** Lab ⁻	Field	3.0 µg/kg** Lab ⁻	3.0 µg/kg** Lab ⁻	3.0 µg/kg** Lab ⁻	3.0 µg/kg** Lab ⁻	3.0 mg/kg** Lab ⁻		
PH-34	ZT-03	12.5-13	01/23/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND			
		30.5-31	01/23/01	N/A	ND	N/A	69.0	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND		
		41.5-42	01/24/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	
		42-42.5	01/24/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	
PH-35	ZT-04	13-14	01/25/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND		
		28-29	01/25/01	N/A	ND	N/A	91.5	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	
		34.5-35	01/25/01	N/A	ND	N/A	66.8	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND
		35-35.5	01/25/01	N/A	ND	N/A	18.8	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND
PH-36	ZT-05	6-6.5	01/17/00	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	4.5		
		23-23.5	01/17/00	N/A	ND	N/A	58.5	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	6.3		
		31.5-32	01/17/00	N/A	ND	N/A	9.0	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	4.6		
PH-37	ZT-07	10.5-11	01/19/00	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND		
		13.5-14	01/19/00	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	
		30.5-31	01/19/00	N/A	ND	N/A	16.0	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND
		31-31.5	01/19/00	N/A	ND	N/A	30.4	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND
PH-38	ZT-08	15-15.5	01/23/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND		
		37.5-38	01/23/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	
		38-38.5	01/23/01	N/A	ND	N/A	4.6	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	
PH-39	ZT-09	11.5-12	01/24/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND		
		19-20	01/24/01	N/A	ND	N/A	29.7	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	
		38-38.5	01/24/01	N/A	ND	N/A	53.3	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND
		40.5-41	01/24/01	N/A	ND	N/A	128	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND
		41.5-42	01/24/01	N/A	ND	N/A	61.9	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND
PH-40	ZT-10	10-10.5	01/25/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND		
		23-24	01/25/01	N/A	ND	N/A	136	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	
		24.5-25	01/25/01	N/A	ND	N/A	162	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	
		32-33	01/25/01	N/A	ND	N/A	121	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	
		34-34.5	01/25/01	N/A	ND	N/A	81.1	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND
PH-41	ZT-06	14-14.5	01/29/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	9.4	ND	ND	ND		
		22.5-23	01/29/01	N/A	ND	N/A	20.0	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	7.8	ND	ND	ND	ND		
		37-37.5	01/29/01	N/A	ND	N/A	4.8	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	5.6	ND	ND	ND	ND		
		42-43	01/29/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	8.3	ND	ND	ND	ND		
		43-44	01/29/01	N/A	ND	N/A	49.5	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	5.8	ND	ND	ND	ND	ND	
PH-42	ZT-11	11-12	01/29/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	4.5	ND	ND	ND		
		29-30	01/30/01	N/A	ND	N/A	61.2 ⁵	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND		
		34.5-35.5	01/30/01	N/A	ND	N/A	56.1	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	3.3	ND	ND	ND	ND		
		35.5-36	01/30/01	N/A	ND	N/A	83.2	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	4.7	ND	ND	ND	ND		
PH-43	ZT-12A	7-8	01/31/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	15.9		
		26-27	01/31/01	N/A	ND	N/A	56.1	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	15.2		
		33.5-34.5	01/31/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	13.9		
		35-35.5	01/31/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	13.6		
PH-44	ZT-14	4-4.5	02/01/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND		
		11-12	02/01/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	
		19-20	02/01/01	N/A	ND	N/A	34.6	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	
		32.5-33.5	02/01/01	N/A	ND	N/A	128	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	
		34.5-35	02/01/01	N/A	ND	N/A	151	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	
PH-45	ZT-18	12-13	02/06/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND		
		23-24	02/06/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	
		24-24.5	02/06/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	
PH-46	ZT-15	9-10	02/07/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND		
		22.5-23.5	02/07/01	N/A	ND	N/A	36.4	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	
		26.5-27	02/07/01	N/A	ND	N/A	132	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	
PH-47	ZT-16C	6.5-7.5	02/07/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND		
		23-24	02/07/01	N/A	ND	N/A	26.8	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	
		25-26	02/07/01	N/A	ND	N/A	105	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	
		26-27	02/07/01	N/A	ND	N/A	150	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	
		27-28	02/07/01	N/A	ND	N/A	22.6	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	

Continued on next page

TABLE 3--Continued

Sample Identifier	MIP Identifier	Depth of Sample (ft. BLS)	Sample Date	(Concentrations are in µg/kg [micrograms per kilogram])																		
				PCE		TCE		CT		cis-DCE		1,1-DCE		VC		M,P Xylenes ³	Toluene ³	Ethylbenzene ³	O-Xylene ³	MC		
				Field	3.0 µg/kg**	Field	3.0 µg/kg**	Field	3.0 µg/kg**	Field	3.0 µg/kg**	Field	3.0 µg/kg**	Field	3.0 µg/kg**	Field	3.0 µg/kg**	3.0 µg/kg**	3.0 µg/kg**	3.0 µg/kg**	3.0 mg/kg**	
PH-48	ZT-17A	11-12	02/08/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND		
		18-19	02/08/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
		19-19.5	02/08/01	N/A	ND	N/A	5.1	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
PH-49	ZT-19	14-15	02/08/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
		26-27	02/08/01	N/A	ND	N/A	42.8	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
		31-31.5	02/08/01	N/A	ND	N/A	4.6	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		31.5-32	02/08/01	N/A	ND	N/A	7.1	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
PH-50	ZT-22	2-3	02/09/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	5.1	ND	ND	ND	ND	
		7-8	02/09/01	N/A	ND	N/A	9.3	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	5.9	ND	ND	ND	ND	
		8.5-9	02/09/01	N/A	ND	N/A	7.7	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	4.1	ND	ND	ND	ND	
PH-51	ZT-23	3-4	02/09/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
		10-11	02/09/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	3.4	ND	ND	ND	ND	
		11-12	02/09/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
PH-52	ZT-13A	11-12	02/12/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
		31-32	02/12/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
		32-32.5	02/12/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
PH-53	ZT-20	19-20	02/13/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
		21-21.5	02/13/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
		23-23.5	02/13/01	N/A	ND	N/A	7.2	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
		35-36	02/13/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		36-36.5	02/13/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
PH-54	ZT-21	16-17	02/14/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
		29-30	02/14/01	N/A	ND	N/A	3.2	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
		30-30.5	02/14/01	N/A	ND	N/A	12.8	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
PH-55	ZT-26A	11-12	02/14/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
		24.5-25.5	02/14/01	N/A	ND	N/A	27.0	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
		25.5-26	02/14/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	4.5	ND	ND	ND	ND	
PH-56	ZT-24B	29.5-30.5	02/15/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	4.7	ND	ND	ND	
		45-46	02/15/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	3.3	ND	ND	ND	ND	
Blind Sample B		45-46	02/15/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
PH-56		50.5-51.5	02/15/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
Blind Sample C		50.5-51.5	02/15/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
PH-56		52-52.5	02/15/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
Blind Sample D		52-52.5	02/15/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
PH-57	ZT-25	15-16	02/15/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
Blind Sample F			15-16	02/15/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	
PH-57		52-53	02/16/01	N/A	ND	N/A	4.7	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
Blind Sample H		52-53	02/16/01	N/A	ND	N/A	11.9	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	
PH-58	ZT-27	22-23	02/16/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	3.6	
		44-45	02/16/01	N/A	ND	N/A	4.6	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	

¹ Analyzed by field headspace GCMS (Gas Chromatography Mass Spectrometry). The samples that were analyzed in the field were scanned only for tetrachloroethylene; trichloroethylene; carbon tetrachloride; cis-1,2-dichloroethene; 1,1-dichloroethene; and vinyl chloride.

² Testing of the samples was in accordance with Method 8260 outlined in *Test Methods for Evaluating Solid Waste*, EPA, SW-846, Third Edition, November, 1986.

³ Detected when sample analyzed for VOCs in TTL's laboratory. The samples that were analyzed in TTL's laboratory (see also footnote 2) were scanned for 33 VOCs. Included in these 33 VOCs were the 6 VOCs analyzed in the field. A concentration is shown when the specified VOC was detected.

⁴ Dup=Duplicate sample for Quality Assurance/Quality Control for field analysis.

⁵ The sample was prepared out of the 48-hour preparation holding time for the low-level component of Method 5035. The sample was also prepared and analyzed by the high level technique of Method 5035.

* Detection concentration for the field analyses.

** MDL = Method Detection Limit for the laboratory analyses.

ND = Compound not detected.

NS = Not sampled for laboratory analysis.

N/A = Not applicable; field analysis not performed.

PCE = Tetrachloroethylene
 TCE = Trichloroethylene
 CT = Carbon Tetrachloride
 cis-DCE = cis-1,2-Dichloroethene
 1,1-DCE = 1,1-Dichloroethene
 VC = Vinyl Chloride
 MC = Methylene Chloride

Table 4. Results of analyses for volatile organic compounds in ground-water samples; Coliseum Blvd. Plume Investigation; Montgomery, Alabama.

Sample Identifier	MIP Identifier	Depth of Sample (ft. BLS)	Sample Date	(Concentrations are in µg/L [micrograms per Liter])																		
				PCE		TCE		CT		cis-DCE		1,1-DCE		VC		1,1,1 TCA	CF	CM	BDCM	Toluene	1,4-DCB	
				0.1 µg/L*	1.0 µg/L**	0.1 µg/L*	1.0 µg/L**	0.1 µg/L*	1.0 µg/L**	0.1 µg/L*	1.0 µg/L**	0.1 µg/L*	1.0 µg/L**	0.1 µg/L*	1.0 µg/L**	0.1 µg/L*	1.0 µg/L**					
				Field ¹	Lab ²	Field ¹	Lab ²	Field ¹	Lab ²	Field ¹	Lab ²	Field ¹	Lab ²	Field ¹	Lab ²	Field ¹	Lab ²					
PH-1		9-10	2/16/00	ND	NS	22.6	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	
		22-23	2/16/00	ND	NS	47.3	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	NS
PH-2		13-14	2/16/00	ND	ND	4.5	14.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.2	ND	ND	ND	ND	
		28-29	2/16/00	ND	ND	331	1100	ND	ND	ND	ND	ND	4.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
PH-3		27-28	2/17/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	
		27-28	3/2/00	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
		38-39	2/17/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	NS
		65-66	2/17/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	NS
PH-4		15-16	2/18/00	ND	NS	0.2	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	
		33-34	2/18/00	ND	NS	690	NS	6.5	NS	0.4	NS	38.5	NS	ND	NS	NS	NS	NS	NS	NS	NS	NS
Dup ⁴		33-34	2/18/00	ND	--	480	--	7.9	--	ND	--	28.3	--	ND	--	ND	ND	ND	ND	ND	ND	
PH-5		20-21	2/22/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	
		41-42	2/22/00	ND	NS	120	NS	8.2	NS	ND	NS	152	NS	ND	NS	NS	NS	NS	NS	NS	NS	NS
PH-6		26-27	2/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	
		23-27	2/29/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		57-60	2/29/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dup ⁴		57-60	2/29/00	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	ND	ND	ND	ND	ND	
PH-8		22-23	2/23/00	ND	ND	0.9	2.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
		55-58	3/1/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dup ⁴		55-58	3/1/00	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	ND	ND	ND	ND	ND	
PH-9		19-20	2/23/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	
		52-55	2/29/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PH-10		19-20	2/23/00	ND	NS	113	NS	ND	NS	32.5	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	
		45-48	2/29/00	ND	ND	1.1	2.5	ND	ND	ND	ND	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PH-11		27-28	2/23/00	3.0	<5.0 ⁵	5000 J ⁷	8640	16.4	17.8	3.7	<5.0 ⁵	51.5	40.0	ND	<5.0 ⁵	65.4	ND	ND	ND	ND	ND	
		57-60	2/29/00	ND	ND	0.1	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PH-12		24-25	2/23/00	ND	ND	75.3	41.1	ND	ND	ND	ND	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	
		Dup ⁴	24-25	2/23/00	ND	--	92.1	--	ND	--	ND	--	0.4	--	ND	--	ND	ND	ND	ND	ND	ND
PH-12		48-51	2/29/00	0.2	<10.0 ⁶	11000 J ⁷	12600	135	228	0.8	<10.0 ⁶	793	535	ND	<10.0 ⁶	ND	15.3	ND	ND	ND	ND	
		Dup ⁴	48-51	2/29/00	0.3	--	9500 J ⁷	--	213	--	1.0	--	762	--	ND	--	ND	ND	ND	ND	ND	ND
PH-13		22-23	3/1/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
		57-60	3/1/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PH-14		31-32	2/28/00	0.1	ND	1440 J ⁷	1220	1.7	ND	1.9	1.7	11.3	6.0	ND	ND	3.8	2.0	ND	ND	ND	ND	
		Dup ⁴	31-32	2/28/00	0.2	--	1690 J ⁷	--	2.2	--	2.4	--	15.1	--	ND	--	ND	ND	ND	ND	ND	ND
PH-14		50-53	2/28/00	ND	<5.0 ⁵	3860 J ⁷	4890	62.2	87.0	0.5	<5.0 ⁵	445	310	ND	<5.0 ⁵	ND	9.3	ND	ND	ND	ND	
PH-15		30-31	2/28/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
		59-62	2/28/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND
PH-16		17-18	2/28/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

Continued on next page

TABLE 4--Continued

Sample Identifier	MIP Identifier	Depth of Sample (ft. BLS)	Sample Date	(Concentrations are in µg/L [micrograms per Liter])																		
				PCE		TCE		CT		cis-DCE		1,1-DCE		VC		1,1,1 TCA	CF	CM	BDCM	Toluene	1,4-DCB	
				2.0 µg/L*	1.0 µg/L**	2.0 µg/L*	1.0 µg/L**	2.0 µg/L*	1.0 µg/L**	2.0 µg/L*	1.0 µg/L**	2.0 µg/L*	1.0 µg/L**	2.0 µg/L*	1.0 µg/L**	2.0 µg/L*	1.0 µg/L**					
				Field ²	Lab ²	Field ²	Lab ²	Field ²	Lab ²	Field ²	Lab ²	Field ²	Lab ²	Field ²	Lab ²	Field ²	Lab ²					
PH-17		11-12	5/8/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS		
		43.5-45.5	5/24/00	ND	NS	37.9	NS	ND	NS	ND	NS	7.30	NS	25.7	NS	NS	NS	NS	NS	NS	NS	
		51-52	5/8/00	ND	NS	36.4d ^b	NS	ND	NS	ND	NS	5.25	NS	98.2d ^b	NS	NS	NS	NS	NS	NS	NS	
Dup ^{4,9}		51-52	5/9/00	ND	NS	30.3	NS	ND	NS	ND	NS	4.20	NS	75.7	NS	NS	NS	NS	NS	NS		
		PH-18	12-13	5/9/00	ND	NS	NS	NS	NS	NS	NS											
PH-18		37-38	5/9/00	ND	ND	305d ^b	305	ND	11.7	ND	ND	11.4	16.6	ND	ND	ND	2.2	ND	ND	ND	ND	
		PH-19	13-14	5/10/00	ND	NS	5.8	NS	NS	NS	NS	NS	NS									
PH-19		54-55	5/10/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	
		PH-20	23-24	5/11/00	ND	NS	NS	NS	NS	NS	NS											
PH-20		47-48	5/11/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	5.12	NS	NS	NS	NS	NS	NS	NS	
		PH-21	24-26	5/12/00	ND	NS	5.72	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	
PH-21		54-56	5/12/00	ND	NS	7.81	NS	ND	NS	ND	NS	ND	NS	54.6	NS	NS	NS	NS	NS	NS	NS	
		PH-22	17-18	5/15/00	ND	NS	5.64	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	
PH-22		42-44	5/15/00	ND	NS	17.6	NS	ND	NS	ND	NS	ND	NS	28.0	NS	NS	NS	NS	NS	NS	NS	
		PH-23	22-24	5/16/00	ND	NS	NS	NS	NS	NS	NS											
PH-23		58-60	5/17/00	ND	NS	16.4	NS	ND	NS	ND	NS	ND	NS	39.4	NS	NS	NS	NS	NS	NS	NS	
		PH-24	28-30	5/18/00	ND	NS	20.4	NS	ND	NS	ND	NS	ND	NS	ND	NS	NS	NS	NS	NS	NS	
PH-24		58-60	5/18/00	ND	NS	2.57	NS	ND	NS	ND	NS	6.43	NS	6.62	NS	NS	NS	NS	NS	NS	NS	
		Dup	58-60	5/18/00	ND	NS	2.38	NS	ND	NS	ND	NS	14.10	NS	10.9	NS	NS	NS	NS	NS	NS	NS
PH-25		21-23	5/22/00	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	2.80	NS	NS	NS	NS	NS	NS	NS	
		49-51	5/26/00	NA	ND	NA	59.2	NA	ND	NA	ND	NA	3.6	NA	ND	ND	ND	ND	ND	ND	ND	
PH-26		26-28	5/23/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
		Dup	32.5-34.5	5/23/00	ND	NS	40.5	NS	ND	NS	ND	NS	ND	NS	6.9	NS	NS	NS	NS	NS	NS	NS
PH-26		32.5-34.5	5/23/00	ND	NS	44.6	NS	ND	NS	ND	NS	ND	NS	11.1	NS	NS	NS	NS	NS	NS	NS	
		54-56	5/23/00	ND	NS	ND	NS	ND	NS	ND	NS	18.2	NS	30.0	NS	NS	NS	NS	NS	NS	NS	
PH-27		27-29	5/24/00	ND	NS	297d ^b	NS	ND	NS	19.7	NS	8.10	NS	ND	NS	NS	NS	NS	NS	NS	NS	
		55-58	5/24/00	ND	NS	3.61	NS	ND	NS	ND	NS	ND	NS	6.21	NS	NS	NS	NS	NS	NS	NS	
PH-28		16.5-20	5/25/00	ND	NS	2.49	NS	ND	NS	ND	NS	ND	NS	4.38	NS	NS	NS	NS	NS	NS	NS	
		44.5-46.5	5/25/00	ND	NS	48.1	NS	ND	NS	ND	NS	42.5	NS	14.9	NS	NS	NS	NS	NS	NS	NS	

Sample Identifier	MIP Identifier	Depth of Sample (ft. BLS)	Sample Date	(Concentrations are in µg/L [micrograms per Liter])																	
				PCE		TCE		CT		cis-DCE		1,1-DCE		VC		1,1,1 TCA	CF	CM	BDCM	Toluene	1,4-DCB
				1.0 µg/L**		1.0 µg/L**		1.0 µg/L**		1.0 µg/L**		1.0 µg/L**		1.0 µg/L**		1.0 µg/L**	1.0 µg/L**	1.0 µg/L**	1.0 µg/L**	1.0 µg/L**	1.0 µg/L**
				Field	Lab ²	Field	Lab ²	Field	Lab ²	Field	Lab ²	Field	Lab ²	Field	Lab ²	Field	Lab ²				
PH-29		19-20	8/21/00	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	
		41-43	8/21/00	N/A	ND	N/A	1.9	N/A	ND	N/A	ND	N/A	1.5	N/A	ND	ND	5.0	ND	ND	ND	ND
PH-30		15-16	8/22/00	N/A	ND	N/A	12.6	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	
		40.5-42.5	8/22/00	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND
PH-31		12-15	8/25/00	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	
		35.5-37.5	8/25/00	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND
PH-32		39-41	8/23/00	N/A	ND	N/A	3.7	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	
		77-79	8/24/00	N/A	ND	N/A	1.6	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	1.7	ND	ND	ND	ND
PH-33		6-8	8/29/00	N/A	ND	N/A	283	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	13.4	ND	1.6	ND	ND
		11-13	8/29/00	N/A	ND	N/A	374	N/A	ND	N/A	ND	N/A	1.4	N/A	ND	ND	10.6	ND	1.1	ND	ND
		28-30	8/29/00	N/A	ND	N/A	8.4	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	5.8	ND	ND	ND	ND

Continued on next page

TABLE 4--Continued

Sample Identifier	MIP Identifier	Depth of Sample (ft. BLS)	Sample Date	(Concentrations are in µg/L [micrograms per Liter])																		
				PCE		TCE		CT		cis-DCE		1,1-DCE		VC		1,1,1 TCA	CF	CM	BDCM	Toluene	1,4-DCB	
				Field	Lab ²	Field	Lab ²	Field	Lab ²	Field	Lab ²	Field	Lab ²	Field	Lab ²	Field	Lab ²	1.0 µg/L**				
PH-34	ZT-03	16-18	1/23/01	N/A	ND	N/A	37.0	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		40-42	1/24/01	N/A	ND	N/A	31.3	N/A	5.5	N/A	1.0	N/A	52.3	N/A	ND	ND	2.7	ND	ND	ND	ND	ND
PH-35	ZT-04	15-17	1/25/01	N/A	ND	N/A	157	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		33-35	1/25/01	N/A	2.9	N/A	2,020	N/A	ND	N/A	ND	N/A	9.8	N/A	ND	ND	ND	ND	ND	ND	ND	ND
PH-36	ZT-05	12-16	1/17/01	N/A	ND	N/A	16.7	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		28.5-32	1/17/01	N/A	ND	N/A	978	N/A	ND	N/A	ND	N/A	5.5	N/A	ND	ND	ND	ND	ND	ND	ND	ND
PH-37	ZT-07	15-17	1/19/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	38.0	ND	ND	ND	ND	ND
		29-31	1/19/01	N/A	ND	N/A	161	N/A	11.2	N/A	ND	N/A	13.7	N/A	ND	ND	ND	ND	ND	ND	ND	ND
PH-38	ZT-08	16-18	1/23/01	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		36-38	1/23/01	N/A	ND	N/A	89.1	N/A	ND	N/A	ND	N/A	5.1	N/A	ND	ND	ND	ND	ND	ND	ND	ND
PH-39	ZT-09	13-15	1/24/01	N/A	ND	N/A	31.4	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		39.5-41.5	1/24/01	N/A	ND	N/A	1280	N/A	ND	N/A	ND	N/A	4.7	N/A	ND	ND	ND	ND	ND	ND	ND	ND
PH-40	ZT-10	11-14	1/25/01	N/A	ND	N/A	31.2	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		32-34	1/25/01	N/A	3.3	N/A	2,020	N/A	ND	N/A	ND	N/A	5.4	N/A	ND	ND	ND	ND	ND	ND	ND	ND
PH-41	ZT-06	16-18	1/29/01	N/A	5.0	N/A	20.0	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	1.1	ND
		41-43	1/29/01	N/A	4.4	N/A	437	N/A	ND	N/A	ND	N/A	4.1	N/A	ND	ND	ND	ND	ND	ND	ND	ND
PH-42	ZT-11	12-14	1/29/01	N/A	2.3	N/A	451	N/A	ND	N/A	ND	N/A	2.8	N/A	ND	ND	1.2	ND	ND	ND	ND	ND
		34-36	1/30/01	N/A	3.8	N/A	351	N/A	12.4	N/A	ND	N/A	12.2	N/A	ND	ND	1.5	ND	ND	ND	ND	ND
PH-43	ZT-12A	11-15	1/31/01	N/A	4.1	N/A	141	N/A	ND	N/A	2.7	N/A	1.1	N/A	ND	ND	ND	ND	ND	1.1	ND	
		31-35	1/31/01	N/A	1.3	N/A	222	N/A	ND	N/A	ND	N/A	1.1	N/A	ND	ND	ND	ND	ND	ND	ND	ND
PH-44	ZT-14	12-15	2/1/01	N/A	1.8	N/A	402	N/A	ND	N/A	ND	N/A	1.8	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		19-20	2/1/01	N/A	2.1	N/A	1040	N/A	ND	N/A	ND	N/A	5.1	N/A	ND	ND	1.1	ND	ND	ND	ND	ND
		32-35	2/1/01	N/A	2.7	N/A	1,640	N/A	ND	N/A	ND	N/A	7.5	N/A	ND	ND	ND	ND	ND	ND	ND	ND
PH-45	ZT-18	13-16	2/6/01	N/A	3.1	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		19-23	2/6/01	N/A	2.6	N/A	31.6	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
PH-46	ZT-15	11-14	2/7/01	N/A	1.6	N/A	57.4	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		22.5-26.5	2/7/01	N/A	3.3	N/A	1,170	N/A	ND	N/A	ND	N/A	5.8	N/A	ND	ND	ND	ND	ND	ND	ND	ND
PH-47	ZT-16C	8-10	2/7/01	N/A	2.6	N/A	12.1	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	1.0	ND	ND	ND	ND	ND
		23.5-27.5	2/7/01	N/A	2.9	N/A	1080	N/A	ND	N/A	ND	N/A	3.9	N/A	ND	ND	ND	ND	ND	ND	ND	ND
PH-48	ZT-17A	15-18	2/8/01	N/A	1.3	N/A	49.6	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		18-20	2/8/01	N/A	3.7	N/A	47.5	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
PH-49	ZT-19	15-18	2/8/01	N/A	1.9	N/A	411	N/A	ND	N/A	1.7	N/A	1.9	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		27.5-31.5	2/8/01	N/A	4.4	N/A	300	N/A	ND	N/A	ND	N/A	1.4	N/A	ND	ND	ND	ND	ND	ND	ND	ND
PH-50	ZT-22	3-6	2/9/01	N/A	1.6	N/A	18.6	N/A	ND	N/A	5.2	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		7-9	2/9/01	N/A	3.2	N/A	122	N/A	ND	N/A	8.3	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
PH-51	ZT-23	4-6	2/9/01	N/A	1.2	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		10-12	2/9/01	N/A	3.4	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
PH-52	ZT-13A	12-15	2/12/01	N/A	1.5	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		28-32	2/12/01	N/A	ND	N/A	3.1	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
PH-53	ZT-20	20-23	2/13/01	N/A	3.6	N/A	27.0	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	1.1	ND
		33-36	2/13/01	N/A	2.8	N/A	28.4	N/A	ND	N/A	1.1	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
PH-54	ZT-21	17-20	2/14/01	N/A	2.2	N/A	6.3	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		28-30	2/14/01	N/A	2.8	N/A	115	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND
PH-55	ZT-26A	13-16	2/14/01	N/A	3.3	N/A	35.0	N/A	ND	N/A	22.8	N/A	1.1	N/A	ND	ND	ND	ND	ND	ND	ND	ND
		23-26	2/14/01	N/A	3.7	N/A	302	N/A	ND	N/A	ND	N/A	3.6	N/A	ND	ND	ND	ND	ND	ND	ND	ND

Continued on next page

TABLE 4--Continued

Sample Identifier	MIP Identifier	Depth of Sample (ft. BLS)	Sample Date	(Concentrations are in µg/L [micrograms per Liter])																	
				PCE		TCE		CT		cis-DCE		1,1-DCE		VC		1,1,1 TCA	CF	CM	BDCM	Toluene	1,4-DCB
				Field	Lab ²	Field	Lab ²	Field	Lab ²	Field	Lab ²	Field	Lab ²	Field	Lab ²						
PH-56***	ZT-24B	31-34	2/15/01	N/A	4.1	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	1.3	ND	ND	1.5	ND
Blind Sample A***		31-34	2/15/01	N/A	4.2	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	1.4	ND	ND	1.6	ND
PH-56		48.5-51.5	2/15/01	N/A	3.1	N/A	ND	N/A	17.5	N/A	ND	N/A	ND	N/A	ND	ND	1.8	ND	ND	ND	ND
Blind Sample E		48.5-51.5	2/15/01	N/A	3.3	N/A	ND	N/A	17.4	N/A	ND	N/A	ND	N/A	ND	ND	1.8	ND	ND	ND	ND
PH-57	ZT-25	17-19	2/15/01	N/A	1.2	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND						
Blind Sample G		17-19	2/15/01	N/A	2.2	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND						
PH-57		51-53	2/16/01	N/A	1.9	N/A	155	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	2.4	1.3
Blind Sample I		51-53	2/16/01	N/A	2.2	N/A	150	N/A	ND	N/A	ND	N/A	ND	N/A	ND	ND	ND	ND	ND	2.8	1.5
PH-58	ZT-27	22-24	2/16/01	N/A	1.8	N/A	103	N/A	ND	N/A	1.8	N/A	ND	N/A	ND	ND	ND	ND	ND	2.2	ND
		43-45	2/16/01	N/A	2.3	N/A	116	N/A	ND	N/A	ND	N/A	1.0	N/A	ND	ND	ND	ND	ND	2.8	1.1

Notes:

¹ Analyzed by field headspace GCMS (Gas Chromatography Mass Spectrometry). The samples that were analyzed in the field were scanned only for tetrachloroethylene; trichloroethylene; carbon tetrachloride; cis-1,2-dichloroethene; 1,1-dichloroethene; and vinyl chloride.

² Testing of the samples was in accordance with Method 8260 outlined in *Test Methods for Evaluating Solid Waste*, EPA, SW-846, Third Edition, November, 1986.

³ Detected when sample analyzed for VOCs in TTL's laboratory. The samples that were analyzed in TTL's laboratory (see also footnote 2) were scanned for 33 VOCs. Included in these 33 VOCs were the 6 VOCs analyzed in the field. A concentration is shown when the specified VOC was detected.

⁴ Dup=Duplicate sample for Quality Assurance/Quality Control for field analysis.

⁵ Detection concentration elevated to <5.0 due to 1/5 dilution of sample.

⁶ Detection concentration elevated to <10.0 due to .5/5 dilution of sample.

⁷ J=Estimated concentration.

⁸ d=Individual value obtained by dilution.

⁹ PQL was 4.0 µg/L.

* Detection concentration for the field analyses.

** MDL = Method Detection Limit for the laboratory analyses.

*** Trichlorofluoromethane was detected in PH-56 @ 31-34' (1.5 µg/L) and in Blind Sample A (1.8 µg/L) on 2/15/01.

ND = Compound not detected.

NS = Not sampled for laboratory analysis.

NA = Not Analyzed

N/A = Not Applicable; field analyses not performed.

PCE = Tetrachloroethylene
TCE = Trichloroethylene
CT = Carbon Tetrachloride
cis-DCE = cis-1,2-Dichloroethene
1,1-DCE = 1,1-Dichloroethene
VC = Vinyl Chloride
1,1-TCA = 1,1,1 Trichloroethane
CF = Chloroform
CM = Chloromethane
BDCM = Bromodichloromethane
1,4-DCB = 1,4-Dichlorobenzene