OCTOBER STATUS REPORT

COLISEUM BOULEVARD PLUME INVESTIGATION

DEPARTMENT OF TRANSPORTATION

November 30, 2001

Submitted to:
The Alabama Department of Environmental Management
Montgomery, Alabama

DEPARTMENT OF TRANSPORTATION

October 2001 Status Report

Coliseum Boulevard Plume Investigation

Status Report
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- October 1 - 10, 2001 – Performed soil conductivity testing at approximately 25 proposed locations for installation of monitoring wells as outlined in Addendum 06 Work Plan. Equipment rinse samples were collected and submitted for analyses for volatile organic compounds (VOCs). Results of the analyses for VOCs in these samples are provided in Table 1. Laboratory reports of the results of the analyses for VOCs in the samples are provided in Appendix A.

- October 3, 2001 – Depths to water were measured in all piezometers and monitoring wells associated with the Coliseum Boulevard Plume Investigation. Ground-water elevations on October 3, 2001 are provided in Table 2 and shown on Plate 1.

- October 10, 2001 – Surface-water samples were collected from the main and west branches of the Kilby ditch and analyzed for VOCs. Locations from which the surface-water samples were collected are shown on Figure 1. Results of these analyses are provided in Table 3. Laboratory reports of the analyses for VOCs in the surface-water samples are provided in Appendix A.

- October 15, 2001 – Depths to water were measured in piezometers and monitoring wells along the main and west branches of the Kilby ditch (see Table 2).

- October 22, 2001 – Began installation of shallow and deep monitoring wells in accordance with Addendum 06 Work Plan. Installed a water treatment system at the staging area of the Alabama Department of Transportation facility. Analytical results and treated volumes of water from the treatment system are listed in Table 4.

- October 29, 2001 – A ground-water sample was collected from monitoring well MW304 and submitted for analyses for VOCs (see Table 5). Monitoring well MW304 is at the ALDOT facility. The well is terminated on top of the Gordo Formation and screened from 72.5 to 86.5 feet below land surface (BLS). The ground-water sample collected from monitoring well MW 304 did not contain detectable VOCs.

- October 31, 2001 – Ground-water samples were collected from newly-installed shallow monitoring well MW105 and deep monitoring well MW205 and submitted for analyses for VOCs (see Table 5). Monitoring wells MW105 and MW205 are at the ALDOT facility. The ground-water sample from shallow monitoring well MW 105, which is screened from 20 to 26.5 feet BLS, contained 28.6 micrograms per liter (g/l) of trichloroethylene (TCE). The ground-water sample from deep monitoring well MW205, which is screened

from 46.5 to 55.5 feet BLS, did not contain detectable VOCs.

- October 31, 2001 – Depths to water were measured in all piezometers and monitoring wells associated with the Coliseum Boulevard Plume Investigation (see Table 2). Ground water elevations on October 31, 2001, are provided in Table 2 and are shown on Plate 2.

TABLES

Table 1. Results of analyses for volatile organic compounds[1] (VOCs) in rinse and trip blank samples; Coliseum Blvd. Plume Investigation (Addendum 06 2001 Work Plan); Montgomery, Alabama.

Sample Identifier	Sample Date	Trichloroethylene	1,1-Dichloroethene	cis,1,2-Dichloroethene
		[Concentrations are in micrograms/liter]		
		*1.0 μg/L**	*1.0 μg/L**	*1.0 μg/L**
Probe Rod	10/1/01	<1.0	<1.0	<1.0
	10/2/01	<1.0	<1.0	<1.0
	10/4/01	<1.0	<1.0	<1.0
	10/8/01	<1.0	<1.0	<1.0
Conductivity Probe	10/3/01	<1.0	<1.0	<1.0
	10/5/01	<1.0	<1.0	<1.0
	10/9/01	<1.0	<1.0	<1.0
Casing/Core Bit	10/23/01	<1.0	<1.0	<1.0
Casing	10/24/01	<1.0	<1.0	<1.0
	10/25/01	<1.0	<1.0	<1.0
	10/30/01	<1.0	<1.0	<1.0
Core Bit	10/29/01	<1.0	<1.0	<1.0
	10/31/01	<1.0	<1.0	<1.0
Trip Blank	10/1/01	<1.0	<1.0	<1.0
	10/8/01	<1.0	<1.0	<1.0
	10/25/01	<1.0	<1.0	<1.0

Notes:

[1] Testing of the samples was in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

* MDL = Method Detection Limit of 1.0 micrograms/liter for the laboratory analyses.

Note: Volatile organic compounds were not detected in any of the rinse or trip blank samples (see Attachment A). Only Trichloroethylene, 1,1-Dichloroethene, and cis,1,2-Dichloroethene are tabulated as constituents of concern, because those are the primary detected constituents.

TABLE 2. Historical ground-water elevations; Coliseum Blvd. Plume Investigation; Montgomery, Alabama.

Well Identifier	Elevation of Land Surface (ft. AMSL)[1]	Elevation of Measuring Point[2] (ft. AMSL)	Screened Interval (ft. BLS)[3]	Date of Measurement	Depth to Water (ft. BMP)[4]	Ground-Water Elevation (ft. AMSL)
		Monitoring Wells (ALDOT Central Complex)				
ALDOT MW1	215.16	218.42	14-63	10/20/99	22.04	196.38
				11/16/99	22.36	196.06
				3/7/00	23.04	195.38
				6/15/00	23.11	195.31
				7/19/00	23.43	194.99
				10/4/00	24.04	194.38
				3/7/01	23.74	194.68
				4/20/01	22.03	196.39
				5/16/01	21.90	196.52
				6/14/01	22.05	196.37
				7/13/01	21.87	196.55
				8/9/01	22.09	196.33
				9/7/01	22.11	196.31
				10/3/01	22.34	196.08
				10/31/01	22.03	196.39
ALDOT MW2	218.84	218.76	16-70	10/20/99	22.43	196.33
				11/16/99	22.76	196.00
				3/7/00	23.43	195.33
				6/15/00	23.37	195.39
				7/19/00	23.72	195.04
				10/4/00	24.41	194.35
				3/7/01	24.09	194.67
				4/20/01	21.75	197.01
				5/16/01	21.79	196.97
				6/14/01	22.10	196.66
				7/13/01	21.96	196.80
				8/9/01	22.22	196.54
				9/7/01	22.33	196.43
				10/3/01	22.57	196.19
				10/31/01	22.90	195.86
ALDOT MW3	211.23	211.01	15-51.5	10/19/99	14.94	196.07
				11/16/99	15.26	195.75
				3/7/00	15.73	195.28
				6/15/00	15.85	195.16
				7/19/00	16.20	194.81
				10/4/00	16.78	194.23
				3/7/01	16.22	194.79
				3/23/01	15.33	195.68
				4/20/01	14.38	196.63
				5/4/01	14.40	196.61
				5/16/01	14.51	196.50
				6/14/01	14.69	196.32
				6/26/01	14.68	196.33
				7/13/01	14.57	196.44
				8/9/01	14.77	196.24
				9/7/01	14.84	196.17
				10/3/01	15.10	195.91
				10/31/01	15.41	195.60

Well Identifier	Elevation of Land Surface (ft. AMSL)[1]	Elevation of Measuring Point[2] (ft. AMSL)	Screened Interval (ft. BLS)[3]	Date of Measurement	Depth to Water (ft. BMP)[4]	Ground-Water Elevation (ft. AMSL)
ALDOT MW4	214.14	213.79	13-62	10/20/99	17.93	195.86
				11/16/99	18.20	195.59
				3/7/00	18.69	195.10
				6/15/00	18.80	194.99
				7/19/00	19.11	194.68
				10/4/00	19.72	194.07
				3/7/01	19.08	194.71
				4/20/01	17.37	196.42
				5/16/01	17.50	196.29
				6/14/01	17.69	196.10
				7/13/01	19.47	194.32
				8/9/01	17.75	196.04
				9/7/01	17.80	195.99
				10/3/01	18.00	195.79
				10/31/01	18.60	195.19
ALDOT MW5	218.18	218.06	14.5-53.5	10/19/99	22.31	195.75
				11/16/99	22.59	195.47
				3/7/00	23.25	194.81
				6/15/00	23.28	194.78
				7/19/00	23.57	194.49
				10/4/00	24.13	193.93
				3/7/01	23.63	194.43
				4/20/01	22.07	195.99
				5/16/01	22.11	195.95
				6/14/01	22.20	195.86
				7/13/01	22.03	196.03
				8/9/01	22.27	195.79
				9/7/01	22.28	195.78
				10/3/01	22.47	195.59
				10/31/01	22.83	195.23
ALDOT MW6	218.82	218.76	15.5-59.5	10/19/99	22.88	195.88
				11/16/99	23.19	195.57
				3/7/00	24.04	194.72
				6/15/00	24.11	194.65
				7/19/00	24.35	194.41
				10/4/00	24.86	193.90
				3/7/01	24.70	194.06
				4/20/01	23.23	195.53
				5/16/01	23.10	195.66
				6/14/01	23.04	195.72
				7/13/01	22.95	195.81
				8/9/01	23.13	195.63
				9/7/01	23.04	195.72
				10/3/01	23.26	195.50
				10/31/01	23.60	195.16
ALDOT MW7	218.05	217.97	20-64	10/20/99	22.34	195.63
				11/16/99	22.60	195.37
				3/7/00	23.10	194.87
				6/15/00	23.19	194.78
				7/19/00	23.48	194.49
				10/4/00	24.07	193.90
				3/7/01	23.42	194.55
				4/20/01	21.79	196.18

Well Identifier	Elevation of Land Surface (ft. AMSL)[1]	Elevation of Measuring Point[2] (ft. AMSL)	Screened Interval (ft. BLS)[3]	Date of Measurement	Depth to Water (ft. BMP)[4]	Ground-Water Elevation (ft. AMSL)
ALDOT MW7 (Cont.)	218.05	217.97	20-64	5/16/01	21.94	196.03
				6/14/01	20.95	197.02
				7/13/01	21.87	196.10
				8/9/01	22.01	195.96
				9/7/01	22.23	195.74
				10/3/01	22.44	195.53
				10/31/01	22.76	195.21
ALDOT MW8	218.72	218.62	17-61	10/19/99	22.00	196.62
				11/16/99	22.29	196.33
				3/7/00	23.11	195.51
				6/15/00	23.13	195.49
				7/19/00	23.45	195.17
				10/4/00	24.12	194.50
				3/7/01	24.06	194.56
				4/20/01	22.05	196.57
				5/16/01	22.21	196.41
				6/14/01	22.11	196.51
				7/13/01	22.01	196.61
				8/9/01	22.19	196.43
				9/7/01	22.15	196.47
				10/3/01	22.37	196.25
				10/31/01	22.70	195.92
ALDOT MW9	217.20	216.97	17-56	10/19/99	20.43	196.54
				11/16/99	20.78	196.19
				3/7/00	21.69	195.28
				6/15/00	21.62	195.35
				7/19/00	21.97	195.00
				10/4/00	22.70	194.27
				3/7/01	22.65	194.32
				4/20/01	20.27	196.70
				5/16/01	20.21	196.76
				6/14/01	20.48	196.49
				7/13/01[5]	--	--
				8/9/01	20.60	196.37
				9/7/01	20.63	196.34
				10/3/01	20.81	196.16
				10/31/01	21.17	195.80
ALDOT MW304	217.80	217.64	72-86	7/13/01	22.00	195.64
				8/9/01	22.18	195.46
				9/7/01	22.19	195.45
				10/3/01	22.42	195.22
				10/31/01	22.70	194.94
			Piezometers			
PZ1	221.26	220.93	21.5-30.5	3/7/00	25.81	195.12
				6/15/00	25.62	195.31
				7/19/00	26.01	194.92
				10/4/00	26.75	194.18
				3/7/01	26.67	194.26
				4/20/01	23.88	197.05
				5/16/01	24.12	196.81
				6/14/01	24.11	196.82

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PZ1 (Cont.)	221.26	220.93	21.5-30.5	7/13/01	24.26	196.67
				8/9/01	24.37	196.56
				9/7/01	24.37	196.56
				10/3/01	24.76	196.17
				10/31/01	25.54	195.39
PZ2	207.30	207.20	15.5-24.5	3/7/00	11.93	195.27
				6/15/00	12.36	194.84
				7/19/00	12.78	194.42
				10/4/00	13.32	193.88
				3/7/01	11.05	196.15
				4/20/01	9.67	197.53
				5/16/01	9.76	197.44
				6/14/01	10.36	196.84
				7/13/01	10.20	197.00
				8/9/01	9.77	197.43
				9/7/01	10.85	196.35
				10/3/01	11.50	195.70
				10/31/01	11.95	195.25
PZ3	220.67	220.50	24-34	3/7/00	25.18	195.32
				6/15/00	25.13	195.37
				7/19/00	25.49	195.01
				10/4/00	26.27	194.23
				3/7/01	26.12	194.38
				4/20/01	23.72	196.78
				5/16/01	23.75	196.75
				6/14/01	23.85	196.65
				7/13/01	23.94	196.56
				8/9/01	24.15	196.35
				9/7/01	24.00	196.50
				10/3/01	24.35	196.15
				10/31/01	24.72	195.78
PZ4	216.66	216.19	26.5-35.5	3/7/00	27.13	189.06
				6/15/00	26.94	189.25
				7/19/00	27.33	188.86
				10/4/00	28.20	187.99
				3/7/01	28.45	187.74
				4/20/01	25.06	191.13
				5/16/01	25.85	190.34
				6/14/01	24.97	191.22
				7/13/01	25.12	191.07
				8/9/01	25.36	190.83
				9/7/01	25.35	190.84
				10/3/01	25.80	190.39
				10/31/01	28.20	187.99
PZ5	204.82	204.72	15-19.8	6/15/00	10.14	194.58
				7/19/00	10.60	194.12
				10/4/00	11.13	193.59
				3/7/01	8.45	196.27
				4/20/01	6.92	197.80
				5/16/01	8.10	196.62
				6/14/01	7.91	196.81
				7/13/01	7.57	197.15

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PZ5 (Cont.)	204.82	204.72	15-19.8	9/7/01	8.54	196.18
				10/3/01	9.13	195.59
				10/31/01	9.65	195.07
PZ6	212.55	212.41	23-27.8	6/15/00	20.00	192.41
				7/19/00	20.45	191.96
				10/4/00	21.22	191.19
				3/7/01	18.99	193.42
				4/20/01	16.12	196.29
				5/16/01	16.77	195.64
				6/14/01[6]	----	----
				7/13/01[6]	----	----
				8/9/01[6]	----	----
				9/7/01[6]	----	----
				10/3/01[6]	----	----
				10/31/01[6]	----	----
PZ7	206.22	206.20	17-21.8	6/15/00	11.69	194.51
				7/19/00	12.15	194.05
				10/4/00	12.96	193.24
				3/7/01	10.00	196.20
				4/20/01	8.35	197.85
				5/16/01	8.99	197.21
				6/14/01	9.36	196.84
				7/13/01	9.04	197.16
				8/9/01	9.66	196.54
				9/7/01	10.01	196.19
				10/3/01	10.62	195.58
				10/31/01	11.15	195.05
PZ8	209.58	209.51	17-21.8	6/15/00	15.88	193.63
				7/19/00	16.39	193.12
				10/4/00	16.99	192.52
				3/7/01	13.46	196.05
				4/20/01	11.60	197.91
				5/16/01	12.70	196.81
				6/14/01	16.35	193.16
				7/13/01	12.64	196.87
				8/9/01	10.43	199.08
				9/7/01	13.87	195.64
				10/3/01	14.56	194.95
				10/31/01	15.25	194.26
PZ9	205.28	205.12	17-21.8	6/15/00	13.40	191.72
				7/19/00	13.90	191.22
				10/4/00	14.59	190.53
				3/7/01	10.90	194.22
				4/20/01	9.13	195.99
				5/16/01	10.43	194.69
				6/14/01	10.51	194.61
				7/13/01	10.16	194.96
				8/9/01	10.97	194.15
				9/7/01	11.49	193.63
				10/3/01	12.06	193.06
				10/31/01	12.72	192.40

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PZ10	214.37	213.93	23-27.8	6/15/00	19.87	194.06
				7/19/00	20.32	193.61
				10/4/00	21.20	192.73
				3/7/01	20.75	193.18
				4/20/01	17.25	196.68
				5/16/01	18.00	195.93
				6/14/01	18.20	195.73
				7/13/01	18.14	195.79
				8/9/01	18.49	195.44
				9/7/01	18.65	195.28
				10/3/01	18.96	194.97
				10/31/01	19.40	194.53
PZ11	212.00	211.76	27-31.8	6/15/00	23.38	188.38
				7/19/00	23.87	187.89
				10/4/00	24.76	187.00
				3/7/01	23.60	188.16
				4/20/01	20.10	191.66
				5/16/01	20.91	190.85
				6/14/01	20.99	190.77
				7/13/01	20.81	190.95
				8/9/01	21.31	190.45
				9/7/01	21.68	190.08
				10/3/01	22.07	189.69
				10/31/01	22.66	189.10
PZ12	212.56	212.26	20-25	10/4/00	19.41	192.85
				3/7/01	16.18	196.08
				4/20/01	14.00	198.26
				5/16/01	15.23	197.03
				6/14/01	15.05	197.21
				7/13/01	14.91	197.35
				8/9/01	15.58	196.68
				9/7/01	16.14	196.12
				10/3/01	17.00	195.26
				10/31/01	17.64	194.62
PZ13	208.30	207.95	20-25	10/4/00	14.04	193.91
				3/7/01	11.20	196.75
				4/20/01	11.83	196.12
				5/16/01	12.53	195.42
				6/14/01	12.18	195.77
				7/13/01	11.98	195.97
				8/9/01	9.43	198.52
				9/7/01	9.60	198.35
				10/3/01	12.95	195.00
				10/31/01	13.20	194.75
PZ14	204.83	204.54	15-20	10/4/00	11.53	193.01
				3/7/01	8.34	196.20
				4/20/01	6.59	197.95
				5/16/01	7.17	197.37
				6/14/01	7.53	197.01
				7/13/01	7.41	197.13
				8/9/01	7.98	196.56
				9/7/01	8.51	196.03

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PZ14 (Cont.)	204.83	204.54	15-20	10/3/01	9.35	195.19
				10/31/01	9.91	194.63
PZ15	220.62	220.37	44-49	10/4/00	39.62	180.75
				3/7/01	40.31	180.06
				4/20/01	37.05	183.32
				5/16/01	36.29	184.08
				6/14/01	36.46	183.91
				7/13/01	36.58	183.79
				8/9/01	36.71	183.66
				9/7/01	36.96	183.41
				10/3/01	37.25	183.12
				10/31/01	37.78	182.59
PZ16	193.47	193.44	8-13	10/4/00	6.89	186.55
				3/7/01	4.89	188.55
				3/23/01	4.79	188.65
				4/5/01	4.86	188.58
				4/20/01	5.76	187.68
				5/4/01	6.10	187.34
				5/16/01	6.29	187.15
				6/1/01	6.34	187.10
				6/14/01	8.88	184.56
				6/26/01	5.99	187.45
				7/13/01	5.86	187.58
				7/26/01	6.17	187.27
				8/9/01	6.20	187.24
				8/24/01	6.27	187.17
				9/7/01	6.35	187.09
				9/20/01	6.49	186.95
				10/3/01	6.66	186.78
				10/15/01	5.15	188.29
				10/31/01	6.74	186.70
PD-1	206.33	205.97	10-19.8	6/15/00	11.22	194.75
				7/19/00	11.55	194.42
				10/4/00	12.11	193.86
				3/7/01	10.53	195.44
				3/23/01	9.50	196.47
				4/5/01	8.88	197.09
				4/20/01	9.46	196.51
				5/4/01	9.60	196.37
				5/16/01	9.80	196.17
				6/1/01	9.94	196.03
				6/14/01	9.94	196.03
				6/26/01	9.90	196.07
				7/13/01[7]	9.11	196.86
				7/26/01[7]	8.94	197.03
				8/9/01	9.99	195.98
				8/21/01[10]	--	--
				8/24/01	10.06	195.91
				9/7/01	10.18	195.79
				9/20/01	10.35	195.62
				10/3/01	10.52	195.45
				10/15/01	10.60	195.37
				10/31/01	10.81	195.16

Well Identifier	Elevation of Land Surface (ft. AMSL)[1]	Elevation of Measuring Point[2] (ft. AMSL)	Screened Interval (ft. BLS)[3]	Date of Measurement	Depth to Water (ft. BMP)[4]	Ground-Water Elevation (ft. AMSL)
PD-2	201.86	201.74	13-17.8	6/15/00	7.24	194.50
				7/19/00	7.54	194.20
				10/4/00	8.06	193.68
				3/7/01	6.49	195.25
				3/23/01	5.65	196.09
				4/5/01	5.23	196.51
				4/20/01	5.54	196.20
				5/4/01	5.72	196.02
				5/16/01	5.91	195.83
				6/1/01	6.08	195.66
				6/14/01	6.01	195.73
				6/26/01	6.01	195.73
				7/13/01	5.76	195.98
				7/26/01	6.00	195.74
				8/9/01	6.14	195.60
				8/21/01[9]	6.18	195.56
				8/24/01	6.19	195.55
				9/7/01	6.29	195.45
				9/20/01	6.46	195.28
				10/3/01	6.80	194.94
				10/15/01	6.65	195.09
				10/31/01	6.90	194.84
PD-3	202.62	202.52	15-19.8	6/15/00	10.77	191.75
				7/19/00	11.00	191.52
				10/4/00	11.30	191.22
				3/7/01	9.15	193.37
				3/23/01	9.01	193.51
				4/5/01	9.08	193.44
				4/20/01	9.63	192.89
				5/4/01	9.90	192.62
				5/16/01	10.10	192.42
				6/1/01	10.17	192.35
				6/14/01	14.24	188.28
				6/26/01	9.96	192.56
				7/13/01	9.75	192.77
				7/26/01	10.03	192.49
				8/9/01	10.15	192.37
				8/15/01[11]	9.74	192.78
				8/21/01[9]	10.10	192.42
				8/24/01	10.13	192.39
				9/7/01	10.25	192.27
				9/20/01	10.38	192.14
				10/3/01	10.54	191.98
				10/15/01	10.60	191.92
				10/31/01	10.78	191.74
PD-4	202.22	202.15	10-20	6/15/00	8.58	193.57
				7/19/00	8.80	193.35
				10/4/00	9.21	192.94
				3/7/01	7.59	194.56
				3/23/01	7.42	194.73
				4/5/01	7.38	194.77
				4/20/01	7.56	194.59
				5/4/01	7.72	194.43
				5/16/01	7.90	194.25

Well Identifier	Elevation of Land Surface (ft. AMSL)[1]	Elevation of Measuring Point[2] (ft. AMSL)	Screened Interval (ft. BLS)[3]	Date of Measurement	Depth to Water (ft. BMP)[4]	Ground-Water Elevation (ft. AMSL)
PD-4 (Cont.)	202.22	202.15	10-20	6/1/01	8.02	194.13
				6/14/01	7.95	194.20
				6/26/01	7.92	194.23
				7/13/01	7.75	194.40
				7/26/01	7.61	194.54
				8/9/01	7.99	194.16
				8/15/01[11]	7.71	194.44
				8/21/01[9]	7.98	194.17
				8/24/01	8.00	194.15
				9/7/01	8.20	193.95
				9/20/01	8.23	193.92
				10/3/01	8.10	194.05
				10/15/01	8.43	193.72
				10/31/01	8.60	193.55
PD-101	200.83	200.76	12.5-16.5	2/27/01	7.35	193.41
				3/7/01	6.82	193.94
				3/23/01	6.84	193.92
				4/5/01	6.84	193.92
				4/20/01	7.10	193.66
				5/4/01	7.25	193.51
				5/16/01	7.37	193.39
				6/1/01	7.40	193.36
				6/14/01	7.37	193.39
				6/26/01	7.29	193.47
				7/13/01	7.10	193.66
				7/26/01	7.05	193.71
				8/9/01	7.35	193.41
				8/15/01[11]	7.06	193.70
				8/21/01[9]	7.15	193.61
				8/24/01	7.36	193.40
				9/7/01	7.28	193.48
				9/20/01	7.52	193.24
				10/3/01	7.49	193.27
				10/15/01	7.75	193.01
				10/31/01	7.90	192.86
PD-102	205.55	205.52	16.5-20.5	2/27/01	13.25	192.27
				3/7/01	12.00	193.52
				3/23/01	11.45	194.07
				4/5/01	11.50	194.02
				4/20/01	12.12	193.40
				5/4/01	12.50	193.02
				5/16/01	12.80	192.72
				6/1/01	13.00	192.52
				6/14/01	16.35	189.17
				6/26/01	12.83	192.69
				7/13/01	13.53	191.99
				7/26/01	9.73	195.79
				8/9/01	9.98	195.54
				8/15/01[11]	6.08	199.44
				8/21/01[9]	9.82	195.70
				8/24/01	12.99	192.53
				9/7/01	13.04	192.48
				9/20/01	13.23	192.29
				10/3/01	13.39	192.13

Well Identifier	Elevation of Land Surface (ft. AMSL)[1]	Elevation of Measuring Point[2] (ft. AMSL)	Screened Interval (ft. BLS)[3]	Date of Measurement	Depth to Water (ft. BMP)[4]	Ground-Water Elevation (ft. AMSL)
PD-102 (Cont.)	205.55	205.52	16.5-20.5	10/15/01	13.59	191.93
				10/31/01	13.76	191.76
PD-103	208.55	208.29	18.5-22.5	2/27/01	15.32	192.97
				3/7/01	13.90	194.39
				3/23/01	13.21	195.08
				4/5/01	13.24	195.05
				4/20/01	13.95	194.34
				5/4/01	14.30	193.99
				5/16/01	14.60	193.69
				6/1/01	14.84	193.45
				6/14/01	18.75	189.54
				6/26/01	14.65	193.64
				7/13/01	14.31	193.98
				7/26/01	14.39	193.90
				8/9/01	"dry"	--
				8/21/01[9]	14.70	193.59
				8/24/01	14.78	193.51
				9/7/01	14.75	193.54
				9/20/01	15.15	193.14
				10/3/01	5.35	202.94
				10/15/01	15.45	192.84
				10/31/01	15.60	192.69
PD-104	200.33	200.01	11-14	2/27/01	8.60	191.41
				3/7/01	11.18	188.83
				3/23/01	11.15	188.86
				4/5/01	11.14	188.87
				4/20/01	11.15	188.86
				5/4/01	11.15	188.86
				5/16/01	5.89	194.12
				6/1/01	11.15	188.86
				6/14/01	11.15	188.86
				6/26/01	11.15	188.86
				7/13/01	8.71	191.30
				7/26/01	11.02	188.99
				8/9/01	10.16	189.85
				8/15/01[11]	11.04	188.97
				8/21/01[9]	11.20	188.81
				8/24/01	11.16	188.85
				9/7/01	11.15	188.86
				9/20/01	11.14	188.87
				10/3/01	11.05	188.96
				10/15/01	8.85	191.16
				10/31/01	11.17	188.84
PD-105	199.39	199.20	12-15	2/27/01	8.47	190.73
				3/7/01	8.02	191.18
				3/23/01	7.84	191.36
				4/5/01	7.89	191.31
				4/20/01	8.28	190.92
				5/4/01	8.46	190.74
				5/16/01	8.60	190.60
				6/1/01	8.52	190.68
				6/14/01	8.60	190.60
				6/26/01	8.57	190.63

Well Identifier	Elevation of Land Surface (ft. AMSL)[1]	Elevation of Measuring Point[2] (ft. AMSL)	Screened Interval (ft. BLS)[3]	Date of Measurement	Depth to Water (ft. BMP)[4]	Ground-Water Elevation (ft. AMSL)
PD-105 (Cont.)	199.39	199.20	12-15	7/13/01	8.43	190.77
				7/26/01	8.42	190.78
				8/9/01	8.69	190.51
				8/15/01[11]	8.35	190.85
				8/21/01[9]	11.15	188.05
				8/24/01	8.72	190.48
				9/7/01	8.60	190.60
				9/20/01	8.84	190.36
				10/3/01	8.72	190.48
				10/31/01	9.08	190.12
PD-106	199.73	199.59	14.5-17.5	2/27/01	14.51	185.08
				3/7/01	14.49	185.10
				3/23/01	9.40	190.19
				4/5/01	14.49	185.10
				4/20/01	14.50	185.09
				5/4/01	14.45	185.14
				5/16/01	14.61	184.98
				6/1/01	14.53	185.06
				6/14/01	14.97	184.62
				6/26/01	14.50	185.09
				7/13/01	10.29	189.30
				7/26/01	10.40	189.19
				8/9/01	16.63	182.96
				8/21/01[9]	14.49	185.10
				8/24/01	14.47	185.12
				9/7/01	14.30	185.29
				9/20/01	14.46	185.13
				10/3/01	14.28	185.31
				10/15/01	11.00	188.59
				10/31/01	14.47	185.12
PD-107	205.87	205.63	17.5-20.5	2/27/01	17.60	188.03
				3/7/01	17.60	188.03
				3/23/01	17.54	188.09
				4/5/01	17.56	188.07
				4/20/01	17.59	188.04
				5/4/01	17.66	187.97
				5/16/01	17.51	188.12
				6/1/01	17.58	188.05
				6/14/01	17.55	188.08
				6/26/01	17.56	188.07
				7/13/01	17.58	188.05
				7/26/01	10.51	195.12
				8/9/01	10.70	194.93
				8/15/01[11]	17.50	188.13
				8/21/01[9]	17.60	188.03
				8/24/01	17.58	188.05
				9/7/01	10.87	194.76
				9/20/01	11.11	194.52
				10/3/01	17.60	188.03
				10/15/01	11.75	193.88
				10/31/01	17.62	188.01

Well Identifier	Elevation of Land Surface (ft. AMSL)[1]	Elevation of Measuring Point[2] (ft. AMSL)	Screened Interval (ft. BLS)[3]	Date of Measurement	Depth to Water (ft. BMP)[4]	Ground-Water Elevation (ft. AMSL)
PD-108	205.82	205.58	14.5-17.5	2/27/01	11.29	194.29
				3/7/01	10.71	194.87
				3/23/01	9.95	195.63
				4/5/01	9.70	195.88
				4/20/01	14.50	191.08
				5/4/01	14.55	191.03
				5/16/01	14.50	191.08
				6/1/01	14.50	191.08
				6/14/01	14.54	191.04
				6/26/01	14.49	191.09
				7/13/01	14.51	191.07
				7/26/01	9.85	195.73
				8/9/01	10.20	195.38
				8/15/01[11]	14.55	191.03
				8/21/01[9]	14.80	190.78
				8/24/01	14.50	191.08
				9/7/01	----	----
				9/20/01	----	----
				10/3/01	abandoned	
				10/15/01	abandoned	
				10/31/01	abandoned	
PD-109	201.70	204.59		3/23/01	9.97	194.62
				4/5/01	10.05	194.54
				4/20/01	"dry"	--
				5/4/01	"dry"	--
				5/16/01	"dry"	--
				6/1/01	"dry"	--
				6/14/01	"dry"	--
				6/26/01	"dry"	--
				7/13/01	"dry"	--
				7/26/01	"dry"	--
				8/9/01	"dry"	--
				8/21/01[9]	"dry"	--
				8/24/01	"dry"	--
				9/7/01	"dry"	--
				9/20/01	"dry"	--
				10/3/01	"dry"	--
				10/15/01	"dry"	--
				10/31/01	"dry"	--
		Monitoring Wells (Vista View Development)				
Alfa MW-1	213.99	213.53	32.8-42.8	11/16/99	18.65	194.88
				3/7/00	18.87	194.66
				6/15/00	19.06	194.47
				7/19/00	19.36	194.17
				10/4/00	19.92	193.61
				3/7/01	19.05	194.48
				4/20/01	17.45	196.08
				5/16/01	17.75	195.78
				6/14/01[8]	--	--
				7/13/01	17.67	195.86
				8/9/01	18.10	195.43
				8/21/01[9]	18.10	195.43
				9/20/01	--	--
				10/3/01	18.45	195.08

Well Identifier	Elevation of Land Surface (ft. AMSL)[1]	Elevation of Measuring Point[2] (ft. AMSL)	Screened Interval (ft. BLS)[3]	Date of Measurement	Depth to Water (ft. BMP)[4]	Ground-Water Elevation (ft. AMSL)
Alfa MW-1 (Cont.)	213.99	213.53	32.8-42.8	10/31/01	18.26	195.27
Alfa MW-2	206.24	206.01	34.5-44.5	11/16/99	12.60	193.41
				3/7/00	11.57	194.44
				6/15/00	12.77	193.24
				7/19/00	13.20	192.81
				10/4/00	13.54	192.47
				3/7/01	9.95	196.06
				4/20/01	19.48	186.53
				5/16/01	11.39	194.62
				6/14/01[8]	--	--
				7/13/01	10.85	195.16
				9/7/01	11.80	194.21
				9/20/01	--	--
				10/3/01	12.34	193.67
				10/31/01	9.64	196.37
Alfa MW-3	209.85	209.67	30.5-40.5	11/16/99	14.21	195.46
				3/7/00	14.40	195.27
				6/15/00	14.62	195.05
				7/19/00	15.02	194.65
				10/4/00	15.65	194.02
				3/7/01	14.15	195.52
				4/5/01	14.79	194.88
				4/20/01	12.20	197.47
				5/16/01	12.70	196.97
				6/14/01[8]	--	--
				7/13/01	12.71	196.96
				8/9/01	13.15	196.52
				8/24/01	14.70	194.97
				9/4/01	11.40	198.27
				9/20/01	14.96	194.71
				10/3/01	13.80	195.87
				10/31/01	15.26	194.41
Alfa MW-4	213.27	213.18	38.5-48.5	11/16/99	18.19	194.99
				3/7/00	18.78	194.40
				6/15/00	18.81	194.37
				7/19/00	19.09	194.09
				10/4/00	19.61	193.57
				3/7/01	18.77	194.41
				4/20/01	17.52	195.66
				5/16/01	17.59	195.59
				6/14/01[8]	--	--
				7/13/01	17.51	195.67
				8/9/01	17.74	195.44
				9/7/01	17.80	195.38
				9/20/01	--	--
				10/3/01	10.04	203.14
				10/31/01	18.30	194.88
Alfa MW-5	200.26	203.42	14.2-24.2	11/16/99	16.50	186.92
				3/7/00	16.10	187.32
				6/15/00	16.69	186.73
				7/19/00	16.79	186.63
				10/4/00	16.79	186.63

Well Identifier	Elevation of Land Surface (ft. AMSL)[1]	Elevation of Measuring Point[2] (ft. AMSL)	Screened Interval (ft. BLS)[3]	Date of Measurement	Depth to Water (ft. BMP)[4]	Ground-Water Elevation (ft. AMSL)
Alfa MW-5 (Cont.)	200.26	203.42	14.2-24.2	3/7/01	14.97	188.45
				3/23/01	14.79	188.63
				4/5/01	14.99	188.43
				4/20/01	15.61	187.81
				5/4/01	16.06	187.36
				5/16/01	16.32	187.10
				6/1/01	16.40	187.02
				6/14/01	16.25	187.17
				6/26/01	16.06	187.36
				7/13/01	15.93	187.49
				7/26/01	16.23	187.19
				8/9/01	18.65	184.77
				8/24/01	16.37	187.05
				9/7/01	16.49	186.93
				9/20/01	16.60	186.82
				10/3/01	16.72	186.70
				10/15/01	16.70	186.72
				10/31/01	16.58	186.84
		Monitoring Wells (Kilby Ditch)				
MW 101S	202.67	202.44	8-12	5/16/01	8.12	194.32
				6/1/01	8.25	194.19
				6/14/01	8.21	194.23
				6/26/01	8.15	194.29
				7/13/01	7.96	194.48
				7/26/01	8.12	194.32
				8/9/01	8.26	194.18
				8/15/01[11]	8.16	194.28
				8/21/01[9]	8.22	194.22
				8/24/01	8.28	194.16
				9/7/01	8.35	194.09
				9/20/01	8.48	193.96
				10/3/01	8.60	193.84
				10/15/01	8.70	193.74
				10/31/01	8.84	193.60
MW 101D	202.74	202.43	23-27	5/16/01	8.20	194.23
				6/1/01	8.33	194.10
				6/14/01	8.29	194.14
				6/26/01	8.22	194.21
				7/13/01	7.57	194.86
				7/26/01	8.19	194.24
				8/9/01	8.33	194.10
				8/15/01[11]	8.24	194.19
				8/21/01[9]	8.29	194.14
				8/24/01	8.35	194.08
				9/7/01	8.45	193.98
				9/20/01	8.54	193.89
				10/3/01	8.66	193.77
				10/15/01	8.76	193.67
				10/31/01	8.92	193.51
MW 102S	200.72	200.49	9.5-13.5	5/16/01	9.81	190.68
				6/1/01	9.82	190.67
				6/14/01	9.70	190.79
				6/26/01	9.61	190.88

Well Identifier	Elevation of Land Surface (ft. AMSL)[1]	Elevation of Measuring Point[2] (ft. AMSL)	Screened Interval (ft. BLS)[3]	Date of Measurement	Depth to Water (ft. BMP)[4]	Ground-Water Elevation (ft. AMSL)
MW 102S (Cont.)	200.72	200.49	9.5-13.5	7/13/01	9.43	191.06
				7/26/01	9.75	190.74
				8/9/01	9.79	190.70
				8/21/01[9]	9.85	190.64
				8/24/01	9.80	190.69
				9/7/01	9.84	190.65
				9/20/01	10.01	190.48
				10/3/01	10.20	190.29
				10/15/01	9.92	190.57
				10/31/01	10.20	190.29
MW 102D	200.81	200.64	19-23	5/16/01	10.14	190.50
				6/1/01	10.06	190.58
				6/14/01	10.10	190.54
				6/26/01	9.99	190.65
				7/13/01	9.82	190.82
				7/26/01	10.05	190.59
				8/9/01	10.15	190.49
				8/21/01[9]	10.23	190.41
				8/24/01	10.25	190.39
				9/7/01	8.30	192.34
				9/20/01	10.41	190.23
				10/3/01	10.54	190.10
				10/15/01	10.50	190.14
				10/31/01	10.56	190.08
MW 103S	206.96	206.81	12-16	5/16/01	13.72	193.09
				6/1/01	13.95	192.86
				6/14/01	14.02	192.79
				6/26/01	13.69	193.12
				7/13/01	13.32	193.49
				7/26/01	13.71	193.10
				8/9/01	13.85	192.96
				8/21/01[9]	13.79	193.02
				8/24/01	13.87	192.94
				9/7/01	14.12	192.69
				9/20/01	14.31	192.50
				10/3/01	14.49	192.32
				10/15/01	14.54	192.27
				10/31/01	14.73	192.08
MW 103D	207.10	206.91	29-33	5/16/01	13.95	192.96
				6/1/01	14.16	192.75
				6/14/01	14.17	192.74
				6/26/01	14.02	192.89
				7/13/01	13.69	193.22
				7/26/01	14.00	192.91
				8/9/01	14.14	192.77
				8/21/01[9]	14.03	192.88
				8/24/01	14.15	192.76
				9/7/01	14.34	192.57
				9/20/01	14.48	192.43
				10/3/01	14.66	192.25
				10/15/01	14.75	192.16
				10/31/01	14.91	192.00

Well Identifier	Elevation of Land Surface (ft. AMSL)[1]	Elevation of Measuring Point[2] (ft. AMSL)	Screened Interval (ft. BLS)[3]	Date of Measurement	Depth to Water (ft. BMP)[4]	Ground-Water Elevation (ft. AMSL)
OW-2	203.15	203.05	9.5-28.5	7/26/01	8.69	194.36
				8/9/01	8.84	194.21
				8/21/01[9]	8.79	194.26
				8/24/01	8.85	194.20
				9/7/01	8.94	194.11
				9/20/01	9.00	194.05
				10/3/01	9.20	193.85
				10/15/01	9.28	193.77
				10/31/01	9.43	193.62
OW-3	203.64	203.53	8.5-29.5	7/26/01	9.11	194.42
				8/9/01	9.25	194.28
				8/21/01[9]	9.22	194.31
				8/24/01	9.27	194.26
				9/7/01	9.35	194.18
				9/20/01	9.49	194.04
				10/3/01	9.60	193.93
				10/15/01	9.75	193.78
				10/31/01	9.90	193.63
OW-4	200.74	200.52	8-22	7/26/01	6.85	193.67
				8/9/01	6.95	193.57
				8/21/01[9]	6.94	193.58
				8/24/01	6.94	193.58
				9/7/01	----	----
				9/20/01	----	----
				10/3/01	abandoned	
				10/15/01	abandoned	
				10/31/01	abandoned	
Pump Test Well	202.84	206.01	9-28	7/26/01	11.72	194.29
				8/9/01	11.56	194.45
				8/21/01[9]	11.83	194.18
				8/24/01	11.88	194.13
				9/7/01	8.80	197.21
				9/20/01	8.89	197.12
				10/3/01	9.08	196.93
				10/15/01	9.11	196.90
				10/31/01	9.25	196.76

[1] Feet above mean sea level. Elevations of land surface and measuring points of monitoring wells at ALDOT Complex and piezometers PZ5 through PZ16 and PD-1through PD-4 were surveyed by Larry E. Speaks & Associates. Elevations of land surface and measuring points of Alfa monitoring wells and piezometers PZ1 through PZ4 were surveyed by Goodwyn, Mills & Cawood.

[2] Top of casing.

[3] Feet below land surface.

[4] Feet below measuring point.

[5] Well not accessible (gate locked).

[6] Piezometers could not be located (covered due to road construction).

[7] Based on mini-troll data.

[8] Inadvertently not measured.

[9] Measured during coffer dam study.

[10] Mini troll data logger in piezometer.

[11] Swabbed prior to measuring depth to water.

[12] Postive reading at 5 feet BMP and at 11.04 feet BMP.

[13] Postive reading at 13.5 feet BMP and at 17.50 feet BMP.

Table 3. Results of analyses[1] of surface-water samples; October 2001 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 1.]

	SAMPLE SITE																			
	SW-1*	SW-2*	SW-2A*	SW-2B*	SW-3**	SW-4*	SW-5*	SW-5A*	SW-5B**	SW-6**	SW-7**	SW-8**	SW-9**	SW-10**	SW-11**	SW-12	SW-13	SW-14	SW-15***	SW-16****
	Concentrations are expressed in micrograms/liter																			
July 24, 2000 (No storm events several days prior to sampling)																				
Trichloroethylene	NS	15	---	---	10.2	NS	---	---	---	---	---	---	---	---	---	---	---	---	---	---
cis,1,2-Dichloroethene	NS	2.5	---	---	2.8	NS	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Toluene	NS	13.4	---	---	<1.0	NS	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroform	NS	3.2	---	---	<1.0	NS	---	---	---	---	---	---	---	---	---	---	---	---	---	---
August 2, 2000 (Storm event during sampling)																				
Trichloroethylene	<1.0	<1.0	---	---	<1.0	NS	---	---	---	---	---	---	---	---	---	---	---	---	---	---
August 11, 2000 (Storm event prior evening - August 10, 2000)																				
Trichloroethylene	<1.0	<1.0	---	---	2.1	<1.0	NS	---	---	NS	NS	NS	NS	NS	NS	NS	NS	---	---	---
Toluene	<1.0	1.1	---	---	<1.0	<1.0	NS	---	---	NS	NS	NS	NS	NS	NS	NS	NS	---	---	---
September 18, 2000																				
Trichloroethylene	NS	<1.0	---	---	2.1	NS	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	NS	6.2	---	---	1.8	NS	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromochloromethane	NS	1.5	---	---	<1.0	NS	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroform	NS	41.6	---	---	10.3	NS	---	---	---	---	---	---	---	---	---	---	---	---	---	---
November 9, 2000 (Storm event during sampling)																				
Trichloroethylene	<1.0	<1.0	---	---	<1.0	<1.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
December 15, 2000																				
Trichloroethylene	<1.0	<1.0	---	---	8.1	<1.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Toluene	<1.0	2.5	---	---	<1.0	<1.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
January 31, 2001																				
Trichloroethylene	<1.0	34.5	---	---	17.4	<1.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroform	<1.0	1.3	---	---	<1.0	<1.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
February 27, 2001																				
Trichloroethylene	<1.0	100	---	---	21.1	<1.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethene	<1.0	1.1	---	---	<1.0	<1.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
cis,1,2-Dichloroethene	<1.0	1.5	---	---	1.4	<1.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroform	<1.0	1.2	---	---	<1.0	<1.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
March 30, 2001																				
Trichloroethylene	<1.0	156	---	---	68.0	<1.0	157	---	---	<1.0	<1.0	51.9	33.8	19.7	18.3	<1.0	3.4	---	---	---
1,1-Dichloroethene	<1.0	2.0	---	---	<1.0	<1.0	1.1	---	---	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	---	---	---
cis,1,2-Dichloroethene	<1.0	<1.0	---	---	<1.0	<1.0	<1.0	---	---	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	---	---	---
April 26, 2001																				
Trichloroethylene	<1.0	156	---	---	66.6	NS	88.8	---	---	NS	NS	46.4	21.9	16.7	15.7	1.8	<1.0	---	---	---
1,1-Dichloroethene	<1.0	2.0	---	---	<1.0	NS	1.0	---	---	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	---	---	---
cis,1,2-Dichloroethene	<1.0	<1.0	---	---	<1.0	NS	<1.0	---	---	NS	NS	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	---	---	---
May 25, 2001																				
Trichloroethylene	<1.0	140	---	---	24.3	<1.0	95.5	---	---	<1.0	<1.0	23.8	31.6	21.7	21.3	1.4	<1.0	---	---	---
1,1-Dichloroethene	<1.0	1.6	---	---	<1.0	<1.0	<1.0	---	---	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	---	---	---
cis,1,2-Dichloroethene	<1.0	<1.0	---	---	<1.0	<1.0	1.1	---	---	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	---	---	---

	SAMPLE SITE																			
	SW-1*	SW-2*	SW-2A*	SW-2B*	SW-3**	SW-4*	SW-5*	SW-5A*	SW-5B**	SW-6**	SW-7**	SW-8**	SW-9**	SW-10**	SW-11**	SW-12	SW-13	SW-14	SW-15***	SW-16****
	Concentrations are expressed in micrograms/liter																			
June 7, 2001																				
Trichloroethylene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.4	---	---
June 21, 2001																				
Trichloroethylene	<1.0	118	---	---	39.6	<1.0	87.9	---	---	<1.0	<1.0	19.4	15.6	9.8	10.5	1.1	<1.0	14.8	---	---
1,1-Dichloroethene	<1.0	1.2	---	---	<1.0	<1.0	<1.0	---	---	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	---	---
cis,1,2-Dichloroethene	<1.0	<1.0	---	---	<1.0	<1.0	1.2	---	---	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	---	---
Chloroform	<1.0	3.4	---	---	<1.0	<1.0	<1.0	---	---	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	---	---
Chloromethane	<1.0	<1.0	---	---	<1.0	<1.0	<1.0	---	---	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	---	---
July 24, 2001																				
Trichloroethylene	<1.0	154	---	---	46.0	NS	68.2	---	---	NS	NS	25.4	15.1	5.9	6.3	<1.0	<1.0	12.0	---	---
1,1-Dichloroethene	<1.0	1.5	---	---	<1.0	NS	<1.0	---	---	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	---	---
cis,1,2-Dichloroethene	<1.0	<1.0	---	---	<1.0	NS	1.0	---	---	NS	NS	1.3	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	---	---
August 17, 2001																				
Trichloroethylene	<1.0	191	---	---	39.9	NS	66.6	---	---	NS	<1.0	18.4	6.0	5.6	7.0	<1.0	<1.0	6.4	---	---
1,1-Dichloroethene	<1.0	1.2	---	---	<1.0	NS	1.7	---	---	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	---	---
August 22, 2001 (3:30 p.m.)																				
Trichloroethylene	---	---	87.3	195	NS	NS	63.3	---	---	---	---	---	---	---	---	---	---	10.2	227	295
cis,1,2-Dichloroethene	---	---	9.1	<1.0	NS	NS	1.4	---	---	---	---	---	---	---	---	---	---	<1.0	<1.0	<1.0
Vinyl Chloride	---	---	1.8	<1.0	NS	NS	<1.0	---	---	---	---	---	---	---	---	---	---	<1.0	<1.0	<1.0
1,1-Dichloroethene	---	---	<1.0	2.4	NS	NS	<1.0	---	---	---	---	---	---	---	---	---	---	<1.0	5.6	3.4
Chloroform	---	---	<1.0	<1.0	NS	NS	<1.0	---	---	---	---	---	---	---	---	---	---	1.3	<1.0	<1.0
August 22, 2001 (9:55 p.m.)																				
Trichloroethylene	---	---	143	174	---	---	69.3	---	---	---	---	---	---	---	---	---	---	9.4	222	300
cis,1,2-Dichloroethene	---	---	16.8	<1.0	---	---	1.5	---	---	---	---	---	---	---	---	---	---	<1.0	<1.0	<1.0
Vinyl Chloride	---	---	2.9	<1.0	---	---	<1.0	---	---	---	---	---	---	---	---	---	---	<1.0	<1.0	<1.0
1,1-Dichloroethene	---	---	1.5	2.1	---	---	<1.0	---	---	---	---	---	---	---	---	---	---	<1.0	5.9	3.6
Chloroform	---	---	<1.0	<1.0	---	---	<1.0	---	---	---	---	---	---	---	---	---	---	1.3	<1.0	<1.0
Chloromethane	---	---	1.2	<1.0	---	---	2.3	---	---	---	---	---	---	---	---	---	---	<1.0	<1.0	<1.0
August 23, 2001 (8:30 a.m.)																				
Trichloroethylene	---	---	116	146	---	---	---	62.3	<1.0	---	---	---	---	---	---	---	---	9.8	212	252
cis,1,2-Dichloroethene	---	---	13.8	<1.0	---	---	---	1.3	<1.0	---	---	---	---	---	---	---	---	<1.0	<1.0	<1.0
Vinyl Chloride	---	---	2.8	<1.0	---	---	---	<1.0	<1.0	---	---	---	---	---	---	---	---	<1.0	<1.0	<1.0
1,1-Dichloroethene	---	---	1.2	1.6	---	---	---	<1.0	<1.0	---	---	---	---	---	---	---	---	<1.0	6.3	3.1
Chloroform	---	---	<1.0	<1.0	---	---	---	<1.0	<1.0	---	---	---	---	---	---	---	---	1.2	<1.0	<1.0
Chloromethane	---	---	<1.0	<1.0	---	---	---	1.5	<1.0	---	---	---	---	---	---	---	---	<1.0	<1.0	<1.0

	SAMPLE SITE																			
	SW-1*	SW-2*	SW-2A*	SW-2B*	SW-3**	SW-4*	SW-5*	SW-5A*	SW-5B**	SW-6**	SW-7**	SW-8**	SW-9**	SW-10**	SW-11**	SW-12	SW-13	SW-14	SW-15***	SW-16****
	Concentrations are expressed in micrograms/liter																			
September 20, 2001																				
Trichloroethylene	<1.0	<1.0	88.3	156	33.0	<1.0	69.2	NS	NS	<1.0	<1.0	23.0	21.0	7.0	10.5	<1.0	<1.0	6.2	NS	NS
cis,1,2-Dichloroethene	<1.0	<1.0	8.4	<1.0	<1.0	<1.0	1.2	NS	NS	<1.0	<1.0	<1.0	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	NS	NS
Vinyl Chloride	<1.0	<1.0	1.6	<1.0	<1.0	<1.0	<1.0	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS	NS
1,1-Dichloroethene	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	<1.0	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS	NS
Chloroform	<1.0	<1.0	1.6	3.4	1.6	<1.0	1.5	NS	NS	<1.0	<1.0	3.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS	NS
Chloromethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS	NS
Chloroethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.0	<1.0	NS	NS
September 28, 2001																				
Trichloroethylene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	160	225
cis,1,2-Dichloroethene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<1.0	1.7
1,1-Dichloroethene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.5	2.4
Chloroform	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.0	<1.0
October 10, 2001																				
Trichloroethylene	NS	NS	87.2	115	19.9	NS	49.3	NS	NS	NS	NS	17.2	4.6	3.0	8.7	<1.0	<1.0	5.8	171	233
cis,1,2-Dichloroethene	NS	NS	5.6	<1.0	<1.0	NS	<1.0	NS	NS	NS	NS	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	NS	NS	<1.0	<1.0	<1.0	NS	<1.0	NS	NS	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.4	2.0

* West Kilby ditch

** Main Kilby ditch

*** Manhole northwest of Pizza Hut.

**** Manhole northeast of Pizza Hut.

NS = Not sampled (sample site was "dry").

Table 4. Results of analyses[1] and treated volumes of water from the treatment system; October 2001 Status Report; Coliseum Boulevard Plume Investigation, Montgomery AL.

	SAMPLE SITE			
	Raw Water	Carbon Filter 1[2]	Carbon Filter 3[3]	Volume Treated (gallons)
	(Concentrations are expressed in micrograms/liter)			
October 24, 2001				
Chloroform	1.2	NS	<1.0	
Trichloroethylene	<1.0	NS	<1.0	404
October 25, 2001				
Trichloroethylene	NS	<1.0	<1.0	88
October 26, 2001				
Trichloroethylene	<10.0[4]	<1.0	<1.0	275
October 29, 2001				
Chloroform	12.3	2.6	<1.0	
Trichloroethylene	<10.0	<1.0	<1.0	366
M,P-Xylenes	15.4	1.9	<1.0	
O-Xylene	<10.0	1.2	<1.0	
October 30, 2001				
Chloroform	13.3	3.0	<1.0	
Trichloroethylene	2.9	<1.0	<1.0	
Bromodichloromethane	1.7	<1.0	<1.0	162
M,P-Xylenes	3.6	<1.0	<1.0	
O-Xylene	2.1	<1.0	<1.0	
October 31, 2001				
Chloroform	NS	3.6	<1.0	
Trichloroethylene	NS	<1.0	<1.0	397
Total Volume Treated - October				**1692**

[1] The samples were analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

[2] Samples collected after Carbon Filiter 1 to determine break through.

[3] Samples collected after Carbon Filter 3 for compliance with discharge requirements.

[4] On October 26, 2001, a 10 fold dilution was made because of detergent from decontamination activities in the samples.

NS = Not sampled

Table 5. Volatile organic compounds[1] (VOCs) detected in ground-water samples from monitoring wells; Coliseum Blvd. Plume Investigation (Addendum 06 2001 Work Plan); Montgomery, Alabama.

Sample Identifier	Depth of Sample/ Screened Interval (ft. BLS)[2]	Sample Date	Trichloroethylene	Chloroform
			[Concentrations are in micrograms/liter]	
			*1.0 μg/L**	*1.0 μg/L**
MW 105	20-26.5	10/31/01	28.6	2.2
MW 205	46.5-55.5	10/31/01	<1.0	1.1
MW 304	72.5-86.5	10/29/01	<1.0	<1.0

Notes:

[1] Testing of the samples was in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

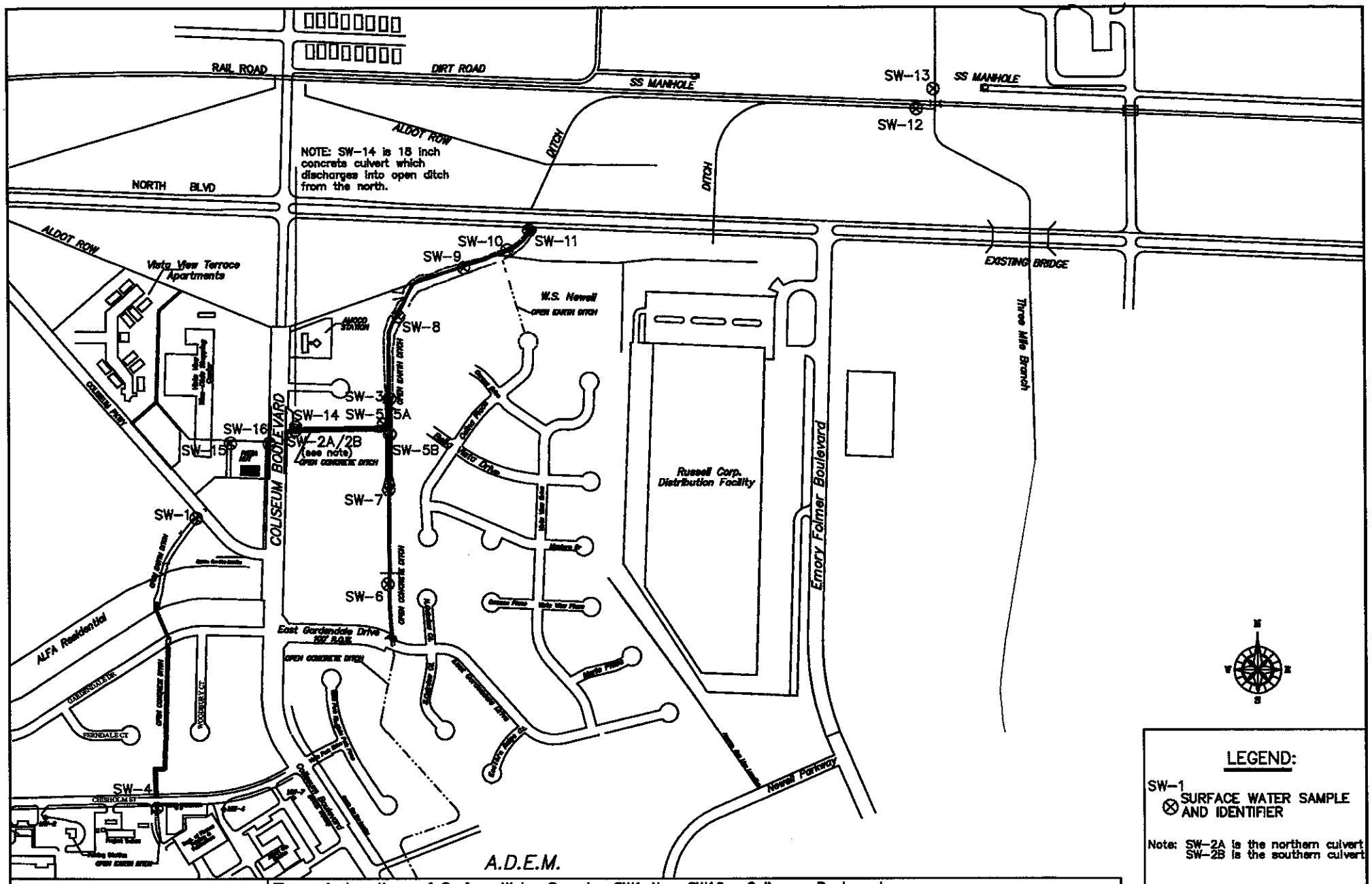
[2] Feet below land surface.

* MDL = Method Detection Limit of 1.0 micrograms/liter for the laboratory analyses.

PLATES

OVERSIZE MAP

FIGURES



LEGEND:

SW-1
⊗ SURFACE WATER SAMPLE AND IDENTIFIER

Note: SW-2A is the northern culvert
SW-2B is the southern culvert

SCALE: 1"=700'

TTL, Inc.

PRACTICING IN THE GEOSCIENCES

Figure 1. Locations of Surface Water Samples SW1 thru SW16; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Drawing No. 011127

Note: Base map is a composite of an initial base map compiled by Goodwyn, Mills & Cawood Environmental Consultants, Inc. and a June 16, 2000 map by Larry E. Speake & Associates. The June 16, 2000 map of Larry Speake & Associates was compiled from maps provided by TTL, Inc. and the Montgomery, Alabama Tax Assessor's Office.

APPENDIX A
ANALYTICAL RESULTS
(Refer to the GIS database)