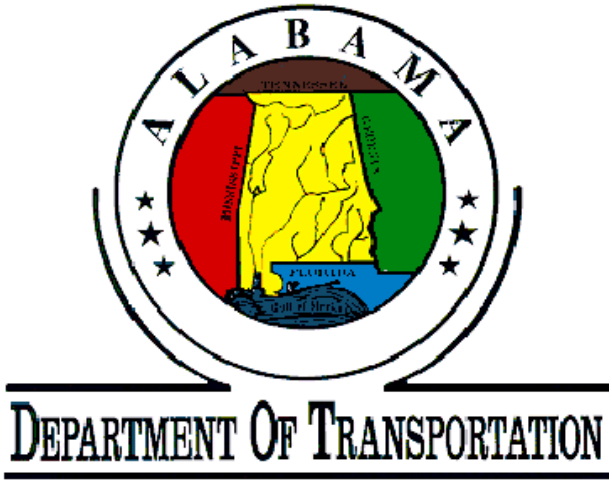
NOVEMBER STATUS REPORT

COLISEUM BOULEVARD PLUME INVESTIGATION



December 21, 2001

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

November 2001
Status Report

- November 1 - 30, 2001 – Fifteen 100-series and sixteen 200-series "shallow zone" monitoring wells were installed in accordance with the Addendum 06 Work Plan. The 100-series monitoring wells were screened across the water table. The 200-series monitoring wells are screened immediately above the first distinct clay below the water table. The construction characteristics of these monitoring wells as well as monitoring wells constructed in October 2001 are provided in Table 1. Boring logs of monitoring wells that have been surveyed are provided in Attachment A. The locations of the 100 and 200-series monitoring wells are shown on Figures 1 and 2, respectively. Deep monitoring well (MW304), which was constructed in May 2001, is shown on Figure 3.

- November 1 - 30, 2001 - Water accumulated during well installation, cleaning of equipment, development, purging, and sampling was treated through a liquid–phase carbon filter treatment system that was installed October 22, 2001 at the ALDOT staging area. A total of 6,590 gallons of water were treated (see Table 2) over a fifteen-day period. The treated water was discharged into the sanitary sewer at the staging area. During treatment of the water, samples were collected daily from water discharged from the first carbon filter to monitor for breakthrough and the final carbon filter to monitor for compliance with the Montgomery Water Works and Sanitary Sewer Board discharge requirements. The water samples were submitted for analyses for volatile organic compounds (VOCs). Results of these analyses are provided in Table 2. Laboratory reports of the analytical results for samples collected through the month of November are provided in Attachment B.

- November 8 - 30, 2001 – Ground-water samples were collected from six 100-series monitoring wells (MW105, MW106, MW107, MW108, MW109, and MW111) and seven 200-series monitoring wells (MW204 and MW206 through MW 211). Prior to collection of the ground-water samples the monitoring wells were developed and purged until field parameters (pH, conductivity and turbidity) stabilize. Results of the field parameters during development and sampling of the monitoring wells are provided in Attachment C. The ground-water samples were submitted for analyses for VOCs. Results of the analyses for VOCs in ground-water samples collected from 100- and 200-series monitoring wells in October and November 2001 are provided in Table 3. Concentrations of VOCs in ground-water samples from the monitoring wells are shown on Figures 1 and 2, respectively.

- November 8, 2001 - Surface-water samples were collected from the main and west branches of the Kilby ditch and analyzed for VOCs. Results of these analyses are provided in Table 4. Locations from which the surface-water samples were collected are shown on Figure 4. On November 8, 2001, six of the surface water locations (SW-1, SW-2, SW-4, SW-5A, SW-5B and SW-14) were "dry". Storm water identifier SW-15 was not sampled on November 8, 2001, because the manhole of the storm sewer was covered by a vehicle.

- November 13 - 29, 2001 – Performed soil conductivity testing at 20 probehole sampling locations in accordance with Addendum 03 Work Plan (evaluation of TCE concentrations near former probehole 12). Locations of the probeholes are shown on Figure 5.

- November 15 - 16, 2001 – Soil/sediment and surface water samples were collected at 16 previously selected locations (see Figure 6) in the "low lying " areas and submitted for VOC analyses. Surface water samples were not collected at all locations because there was no water present. The results of the analyses for VOCs in the soil/sediment and surface water samples are provided in Table 5 and are shown on Figure 6. Laboratory reports of the analyses are provided in Attachment B.

- During November 2001 field activities, quality assurance/quality control measures were performed. Equipment rinse samples were collected and trip blank samples accompanied water samples that were submitted for analyses for VOCs. Results of the analyses for VOCs in the rinse and trip blank samples are provided in Tables 6 and 7, respectively. Laboratory reports of the analyses are provided in Attachment B.

- December 3, 2001 – Due to scheduling conflicts, depths to water were not measured in the monitoring wells or piezometers in November 2001. Depths to ground water were measured in all monitoring wells and piezometers on December 3, 2001. Ground-water elevations on December 3, 2001 are provided in Table 8 and are shown on Plate 1.

TABLE 1. Construction characteristics of 100- and 200- series "shallow zone" monitoring wells; November 2001 Status Report, Coliseum Blvd. Plume Investigation (October 9, 2001 Addendum 06 Work Plan); Montgomery, Alabama.

Well/ Piezometer I.D.	Location	Date Augered/ Constructed	Total Depth (ft. BLS)[1]	Diameter of Borehole (Inches)	Diameter of PVC Casing (Inches)	Screened Interval (ft. BLS)	Slot Size of Screen (Inches)	Sand Pack (ft. BLS)	Bentonite Pellet Seal (ft. BLS)	Cement/ Bentonite Seal (ft. BLS)	Primary Lithology Within Screen
MW 104	S / ALDOT	11/20/01	31	6	2	21.5-30.5	0.010	19-31	17-19	0.5-17	fine-coarse sand w/gravel
MW 204	S / ALDOT Central Complex	10/25/01	64	6	2	57-63.5	0.010	55-64	51-55	0.5-51	fine-coarse sand
MW105	O / ALDOT Central Complex	10/23/01	27	6	2	20.5-26.5	0.010	17-27	15-17	0.5-15	fine-coarse sand w/gravel
MW 205	O / ALDOT Central Complex	10/22/01	56	6	2	46.5-55.5	0.010	43.5-56	41-43.5	0.5-41	fine-med. sand
MW106	N / ALDOT Central Complex	11/5/01	34	6	2	24.5-33.5	0.010	22-34	20-22	0.5-20	fine-coarse sand w/gravel
MW 206	N / ALDOT Central Complex	10/24/01	54.5	6	2	45-54	0.010	43-54.5	40-43	0.5-40	fine-med. sand
MW107	M / ALDOT Central Complex	11/7/01	35	6	2	25.5-34.5	0.010	23-35	21-23	0.5-21	fine-coarse sand w/gravel
MW 207	M / ALDOT Central Complex	10/31/01	67.5	6	2	58-67	0.010	55-67.5	53-55	0.5-53	fine-coarse sand
MW108	R / ALDOT Central Complex	11/2/01	25	6	2	15.5-24.5	0.010	13-25	11-13	0.5-11	fine-coarse sand w/gravel
MW 208	R / ALDOT Central Complex	10/26/01	52	6	2	47-51	0.010	44.5-52	42-44.5	0.5-42	fine-coarse sand
MW109	T / ALDOT Central Complex	10/29/01	33	6	2	23.5-32.5	0.010	21-33	19-21	0.5-19	fine-coarse sand w/gravel
MW 209	T / ALDOT Central Complex	10/30/01	70	6	2	60.5-69.5	0.010	58-71	56-58	0.5-56	fine-coarse sand
MW 210	Y / North Blvd	10/31/01	9	6	2	4.5-8.5	0.010	2.5-9	1-2.5	0.5-1	fine-coarse sand w/gravel
MW111	H / Christian lab	11/6/01	46	6	2	36.5-45.5	0.010	34-46	32-34	0.5-32	fine-med. sand
MW 211	H / Christain lab	11/1/01	81	6	2	71.5-80.5	0.010	69.5-81	67-69.5	0.5-67	fine-coarse sand
MW 112	AD / Newell Pkway	11/13/01	35	6	2	25.5-34.5	0.010	23-35	21-23	0.5-21	fine-coarse sand w/gravel
MW 212	AD / Newell Pkway	11/7/01	71	6	2	61.5-70.5	0.010	59-71.5	57-59	0.5-57	fine-coarse sand
MW 113	L / Zoo	11/9/01	20.5	6	2	11-20	0.010	9-20.5	7-9	0.5-7	fine-coarse sand w/gravel
MW 213	L / Zoo	11/8/01	36	6	2	31.5-35.5	0.010	29-36	27-29	0.5-27	fine-coarse sand
MW 214	AE / Wadsworth property	11/9/01	7.5	5.25	2	3-7	0.010	2-7.5	1-2	0-1	clay, sandy
MW 115	J / Brockway Dr.	11/13/01	25	6	2	15.5-24.5	0.010	13-25	11-13	0.5-11	fine-coarse sand w/gravel
MW 215	J / Brockway Dr.	11/12/01	39.5	6	2	30-39	0.010	27.5-39.5	25.5-27.5	0.5-25.5	fine-coarse sand w/gravel
MW 116	Z / Emory Folmar Blvd	11/20/01	19	6	2	9.5-18.5	0.010	7-19	5-7	0.5-5	fine-coarse sand w/gravel
MW 216	Z / Emory Folmer Blvd.	11/13/01	40.5	6	2	31-40	0.010	29-40.5	27-29	0.5-27	fine-med. sand
MW 117	G / Broadway St.	11/19/01	44	6	2	34.5-43.5	0.010	32-44	30-32	0.5-30	fine-coarse sand w/gravel
MW 217	G / Broadway St.	11/14/01	74.5	6	2	65-74	0.010	63-74.5	61-63	0.5-61	fine-med. sand, clayey
MW118	I / Kiwanis St.	11/20/01	19	6	2	9.5-18.5	0.010	7-19	5-7	0.5-5	fine-coarse sand w/gravel
MW 218	I / Kiwanis St.	11/15/01	39.5	6	2	35-39	0.010	33-39.5	31-33	0.5-31	fine-med. Sand
MW 219	A / Coliseum Blvd	11/15/01	19.5	6	2	10-19	0.010	8-19.5	6-8	0.5-6	fine-coarse sand w/gravel
MW 220	AC / ADEM	11/16/01	31.5	6	2	22-31	0.010	20-31.5	18-20	0.5-18	fine-coarse sand w/gravel
MW 221	AA / Manley Dr.	11/26/01	26.5	6	2	15-26	0.010	13-26.5	11-13	0.5-11	fine-coarse sand
MW 122	AB / ADEM	11/27/01	27	6	2	17.5-26.5	0.010	15.5-27	13.5-15.5	0.5-13.5	fine-coarse sand w/gravel
MW 222	AB / ADEM	11/26/01	57.5	6	2	48-57	0.010	46-57.5	44-46	0.5-44	fine-coarse sand, clayey
MW 123	Q / Harris St.	11/28/01	26	6	2	16.5-25.5	0.010	14.5-26	12.5-14.5	0.5-12.5	fine-med. sand
MW 223	Q / Harris St.	11/27/01	70	6	2	60.5-69.5	0.010	58-70	56-58	0.5-56	
MW 124	V / Vista View Pl	11/29/01	39	6	2	24.5-38.5	0.010	22.5-39	20-22.5	0.5-20	fine-coarse sand w/gravel
MW 224	V / Vista View Place	11/28/01	54	6	2	44.5-53.5	0.010	42-54	39.5-42	0.5-39.5	fine-very coarse sand
MW 125	W / Cruz St.	11/30/01	25	6	2	15.5-24.5	0.010	13.5-25	11.5-13.5	0.5-11.5	fine-coarse sand w/gravel
MW 225	W / Cruz St.	11/29/01	40.5	6	2	31-40	0.010	29-40.5	27-29	0.5-27	fine-coarse sand
MW 226	X / Corona Dr.	11/30/01	21	6	2	11.5-20.5	0.010	9.5-21	7.5-9.5	0.5-7.5	fine-coarse sand w/gravel

[1] Feet below land surface.

Table 2. Results of analyses[1] and treated volumes of water from the treatment system; November 2001 Status Report; Coliseum Boulevard Plume Investigation, Montgomery AL.

Sample Dates	Carbon Filter 1[2]	Carbon Filter 2[3]	Carbon Filter 3[4]	Volume Treated (gallons)
	(Concentrations are expressed in micrograms/liter)			
November 1, 2001				
Chloroform	2.8	NS	<1.0	
Trichloroethylene	<1.0	NS	<1.0	179
November 5, 2001				
Chloroform	1.4	NS	<1.0	
Trichloroethylene	<1.0	NS	<1.0	208
November 6, 2001				
Chloroform	2.4	NS	<1.0	
Trichloroethylene	<1.0	NS	<1.0	370
November 7, 2001				
Trichloroethylene	<1.0	NS	<1.0	458
November 8, 2001				
Chloroform	3.9	NS	<1.0	
Trichloroethylene	1.1	NS	<1.0	328
November 14, 2001				
Trichloroethylene	<1.0	NS	<1.0	162
November 15, 2001				
Trichloroethylene	1.9	NS	<1.0	405
November 16, 2001				
Trichloroethylene	<1.0	NS	<1.0	
Chloromethane	1.9	NS	<1.0	363
November 17, 2001				
Trichloroethylene	<1.0	NS	<1.0	237
November 19, 2001				
Trichloroethylene	<1.0	NS	<1.0	171
November 20, 2001				
Trichloroethylene	<1.0	NS	<1.0	207
November 21, 2001				
Trichloroethylene	NA	<1.0	<1.0	207
November 26, 2001				
Trichloroethylene	NA	<1.0	<1.0	778
November 29, 2001				
Trichloroethylene	NA	<1.0	<1.0	953
November 30, 2001				
Trichloroethylene	NA	<1.0	<1.0	1564
Total Volume Treated - November				**6590**

[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] Carbon filters installed in series; samples collected after Carbon Filter 1 (1st filter in series) to determine break through.

NA = Not analyzed: Carbon Filter 1 was disconnected on November 21, 2001, because breakthrough was observed and the pressure had increased on the first filter resulting in reduced flow.

[3] Samples collected after Carbon Filter 2 which was moved to the first position on November 21, 2001 after breakthrough of VOCs occurred in Carbon Filter 1.

[4] Samples collected after Carbon Filter 3 for compliance with Montgomery Water Works and Sanitary Sewer Board discharge requirements.

NS = Not sampled

Table 3. Volatile organic compounds[1] (VOCs) detected in ground-water samples from monitoring wells; November 2001 Status Report; Coliseum Blvd. Plume Investigation (Addendum 06 2001 Work Plan); Montgomery, Alabama.

Sample Identifier	Depth of Sample/ Screened Interval (ft. BLS)[2]	Sample Date	Trichloroethylene	Tetrachloroethylene	1,1,1-Trichloroethane	1,1-Dichloroethene	1,1-Dichloroethane	Cis-1,2-Dichloroethene	Carbon Tetrachloride	Chloroform	Bromodichloromethane
			[Concentrations are in micrograms/liter]								
			*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**
MW 204	57-63.5	11/9/01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0
MW 304	72.5-86.5	10/29/01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW 105	20-26.5	10/31/01	28.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.2	<1.0
MW 105	20-26.5	11/16/01	28.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW 205	46.5-55.5	10/31/01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	<1.0
MW 106	24.5-33.5	11/17/01	1730	1.1	14.6	12.5	3.4	7.2	7.4	4.0	<1.0
MW 206	45-54	11/8/01	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.6	<1.0
MW 107	25.5-34.5	11/16/01	233	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	2.4	<1.0
MW 207	58-67	11/16/01	259	<1.0	<1.0	6.0	<1.0	<1.0	<1.0	5.8	1.2
MW 108	15.5-24.5	11/17/01	227	<1.0	<1.0	<1.0	<1.0	6.5	<1.0	<1.0	<1.0
MW 208	47-51	11/16/01	342	<1.0	<1.0	1.6	<1.0	<1.0	<1.0	1.3	<1.0
MW 109	23.5-32.5	11/30/01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW 209	60.5-69.5	11/30/01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	<1.0
MW 210	4.5-8.5	11/8/01	<1.0	<1.0	<1.0	<1.0	<1.0	10.6	<1.0	<1.0	<1.0
MW 111	36.5-45.5	11/17/01	12.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	21.0	<1.0
MW 211	71.5-80.5	11/17/01	22.4	<1.0	<1.0	2.3	<1.0	<1.0	<1.0	21.0	<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.

Table 4. Results of analyses[1] of surface-water samples; November 2001 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 4.]

	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	----	----	----
	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****
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
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

	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****
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
November 8, 2001																				
Trichloroethylene	NS	NS	106	130	39.2	NS	91.8	NS	NS	<1.0	<1.0	33.5	16.7	9.0	14.2	<1.0	<1.0	NS	NS[1]	190
cis,1,2-Dichloroethene	NS	NS	5.7	<1.0	<1.0	NS	1.5	NS	NS	<1.0	<1.0	1.5	1.0	<1.0	<1.0	<1.0	<1.0	NS	NS[1]	<1.0
1,1-Dichloroethene	NS	NS	1.0	1.1	<1.0	NS	<1.0	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS	NS[1]	1.8

* West Kilby ditch

** Main Kilby ditch

*** Manhole northwest of Pizza Hut.

**** Manhole northeast of Pizza Hut.

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

NS[1] Storm sewer (identifier SW-15) was not sampled on November 8, 2001 because the manhole of the sewer was covered.

Table 5. Concentrations of VOCs in samples of soils and surface water collected on November 15 and 16, 2001; "Low-Lying Areas" Investigation; Coliseum Blvd. Plume Site; Montgomery, Alabama. [Distributions of TCE and toluene in soils and ground water are shown on Figure 6.]

Sample Location Identifier	Aqueous Lab Results (TCE) mg/l	Soil Lab Results (TCE/Toluene) mg/kg	Approximate Sample Depth (inches)
A	<1.0	<3.0/<3.0[1]	6
B	Not collected[2]	<3.0/<3.0	5
C	Not collected[2]	<3.0/<3.0	8
D	Not collected[2]	<3.0/3.3	8
D-duplicate	Not collected[2]	<3.0/12.4	
E	Not collected[2]	<3.0/25.5	4
F	Not collected[2]	<3.0/8.8	6
G	Not collected[2]	<3.0/<3.0	10
H	<1.0	<3.0/<3.0	6
I	4.6	<3.0/<3.0	3
J	2.8	<3.0/<3.0	8
K	4.9	<3.0/<3.0	8
K-duplicate	Not collected[2]	<3.0/<3.0	
L	2.9	3.9/<3.0	10
M	<1.0	<3.0/<3.0	10
N	7.0	50.6/16.4	3
O	Not collected[2]	<3.0/3.3	3
P	16.8	<3.0/<3.0	2
Rinsate	<1.0	N/A	N/A

[1] Methylene Chloride was detected in 11 soil samples. Methylene Chloride is believed to have been present in the laboratory during analysis of the soil samples.

[2] Aqueous sample not collected because surface water was not present.

[3] Duplicate samples were collected on November 15 and 16, 2001 for quality assurance/quality control purposes.

Table 6. Results of analyses for volatile organic compounds[1] (VOCs) in rinse samples; November 2001 Status Report; 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
	11/13/01	<1.0	<1.0	<1.0
	11/14/01	<1.0	<1.0	<1.0
	11/15/01	<1.0	<1.0	<1.0
	11/16/01	<1.0	<1.0	<1.0
	11/28/01	<1.0	<1.0	<1.0
	11/29/01	<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
	11/1/01	<1.0	<1.0	<1.0
	11/2/01	<1.0	<1.0	<1.0
	11/8/01	<1.0	<1.0	<1.0
	11/9/01	<1.0	<1.0	<1.0
	11/12/01	<1.0	<1.0	<1.0
	11/29/01	<1.0	<1.0	<1.0

Continued on next page

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**
Core Bit	10/29/01	<1.0	<1.0	<1.0
	10/31/01	<1.0	<1.0	<1.0
	11/7/01	<1.0	<1.0	<1.0
	11/13/01	<1.0	<1.0	<1.0
	11/28/01	<1.0	<1.0	<1.0
	11/30/01	<1.0	<1.0	<1.0
Core Rod	11/5/01	<1.0	<1.0	<1.0
	11/6/01	<1.0	<1.0	<1.0
	11/14/01	<1.0	<1.0	<1.0
	11/15/01	<1.0	<1.0	<1.0
	11/19/01	<1.0	<1.0	<1.0
	11/20/01	<1.0	<1.0	<1.0
	11/26/01	<1.0	<1.0	<1.0
	11/27/01	<1.0	<1.0	<1.0
Rinsate	11/15/01	<1.0	<1.0	<1.0
	11/16/01	<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 samples (see Attachment B). Only Trichloroethylene, 1,1-Dichloroethene, and cis,1,2-Dichloroethene are tabulated as constituents of concern, because those are the constituents detected most commonly at the site.

Table 7. Results of analyses for volatile organic compounds[1] (VOCs) in trip blank samples; November 2001 Status Report; Coliseum Blvd. Plume Investigation (Addendum 06 2001 Work Plan); Montgomery, Alabama.

Sample Identifier	Sample Date	Trichloroethylene	1,1-Dichloroethene	cis,1,2-Dichloroethene	Chloromethane
		[Concentrations are in micrograms/liter]			
		*1.0 µg/L**	*1.0 µg/L**	*1.0 µg/L**	*1.0 µg/L**
Trip Blank	10/1/01	<1.0	<1.0	<1.0	<1.0
	10/8/01	<1.0	<1.0	<1.0	<1.0
	10/25/01	<1.0	<1.0	<1.0	<1.0
	11/5/01	<1.0	<1.0	<1.0	<1.0
	11/5/01	<1.0	<1.0	<1.0	<1.0
	11/6/01	<1.0	<1.0	<1.0	<1.0
	11/6/01	<1.0	<1.0	<1.0	<1.0
	11/7/01	<1.0	<1.0	<1.0	<1.0
	11/8/01	<1.0	<1.0	<1.0	<1.0
	11/8/01	<1.0	<1.0	<1.0	<1.0
	11/8/01	<1.0	<1.0	<1.0	<1.0
	11/9/01	<1.0	<1.0	<1.0	<1.0
	11/9/01	<1.0	<1.0	<1.0	<1.0
	11/14/01	<1.0	<1.0	<1.0	<1.0
	11/15/01	<1.0	<1.0	<1.0	<1.0
	11/15/01	<1.0	<1.0	<1.0	<1.0
	11/16/01	<1.0	<1.0	<1.0	<1.0
	11/16/01	<1.0	<1.0	<1.0	<1.0
	11/16/01	<1.0	<1.0	<1.0	2.1
	11/16/01	<1.0	<1.0	<1.0	<1.0
	11/17/01	<1.0	<1.0	<1.0	<1.0
	11/17/01	<1.0	<1.0	<1.0	<1.0
	11/19/01	<1.0	<1.0	<1.0	<1.0
	11/20/01	<1.0	<1.0	<1.0	<1.0
	11/20/01	<1.0	<1.0	<1.0	<1.0
	11/21/01	<1.0	<1.0	<1.0	<1.0
	11/26/01	<1.0	<1.0	<1.0	<1.0
	11/27/01	<1.0	<1.0	<1.0	<1.0
	11/28/01	<1.0	<1.0	<1.0	<1.0
	11/29/01	<1.0	<1.0	<1.0	<1.0
	11/30/01	<1.0	<1.0	<1.0	<1.0
	11/30/01	<1.0	<1.0	<1.0	<1.0
	11/30/01	<1.0	<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 trip blank samples (see Attachment B). Only Trichloroethylene, 1,1-Dichloroethene, and cis,1,2-Dichloroethene are tabulated as constituents of concern, because those are the constituents detected most commonly at the site.

TABLE 8. Historical ground-water elevations; November 2001 Status Report; 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
				12/3/01*	23.10	195.32
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
				12/3/01*	23.37	195.39
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

Continued on next page

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 MW3 (Cont.)	211.23	211.01	15-51.5	12/3/01*	15.81	195.20
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
				12/3/01*	18.78	195.01
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
				12/3/01*	23.20	194.86
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
				12/3/01*	23.51	195.25

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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	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
				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
				12/3/01*	23.02	194.95
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
				12/3/01*	23.10	195.52
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
				12/3/01*	21.64	195.33
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
				12/3/01*	23.10	194.54

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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)
			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
				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
				12/3/01*	car over well; could not measure**	
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
				12/3/01*	15.70	191.50
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
				12/3/01*	25.01	195.49
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

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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)
PZ4 (Cont.)	216.66	216.19	26.5-35.5	9/7/01	25.35	190.84
				10/3/01	25.80	190.39
				10/31/01	28.20	187.99
				12/3/01*	27.91	188.28
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
				9/7/01	8.54	196.18
				10/3/01	9.13	195.59
				10/31/01	9.65	195.07
				12/3/01*	10.10	194.62
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]	----	----
				12/3/01[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
				12/3/01*	11.51	194.69
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

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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)
PZ8 (Cont.)	209.58	209.51	17-21.8	10/31/01	15.25	194.26
				12/3/01*	15.70	193.81
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
				12/3/01*	13.31	191.81
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
				12/3/01*	20.02	193.91
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
				12/3/01*	23.34	188.42
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
				12/3/01*	17.90	194.36

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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)
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
				12/3/01*	13.30	194.65
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
				10/3/01	9.35	195.19
				10/31/01	9.91	194.63
				12/3/01*	10.10	194.44
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
				12/3/01*	38.35	182.02
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
				12/3/01*	6.69	186.75

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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-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
				12/3/01*	11.15	194.82
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
				12/3/01*	7.10	194.64
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

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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-3 (Cont.)	202.62	202.52	15-19.8	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
				12/3/01*	10.92	191.60
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
				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
				12/3/01*	8.80	193.35
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

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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-101 (Cont.)	200.83	200.76	12.5-16.5	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
				12/3/01*	8.05	192.71
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
				10/15/01	13.59	191.93
				10/31/01	13.76	191.76
				12/3/01*	14.01	191.51
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
				12/3/01*	15.94	192.35
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

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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-104 (Cont.)	200.33	200.01	11-14	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
				12/3/01*	11.26	188.75
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
				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
				12/3/01*	9.25	189.95
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

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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-106 (Cont.)	199.73	199.59	14.5-17.5	10/3/01	14.28	185.31
				10/15/01	11.00	188.59
				10/31/01	14.47	185.12
				12/3/01*	14.50	185.09
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
				12/3/01*	12.50	193.13
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	
				12/3/01*	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"	--

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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-109 (Cont.)	201.70	204.59		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"	--
				12/3/01*	"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
				10/31/01	18.26	195.27
				12/3/01*	19.10	194.43
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
				12/3/01*	12.77	193.24
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

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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-3 (Cont.)	209.85	209.67	30.5-40.5	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
				12/3/01*	14.63	195.04
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
				12/3/01*	18.71	194.47
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
				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
				12/3/01*	16.91	186.51
		Monitoring Wells (Kilby Ditch)				
MW 101	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

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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 101 (Cont.)	202.67	202.44	8-12	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
				12/3/01*	9.25	193.19
MW 201	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
				12/3/01*	9.13	193.30
MW 102	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
				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
				12/3/01*	10.21	190.28
MW 202	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

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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 202 (Cont.)	200.81	200.64	19-23	10/3/01	10.54	190.10
				10/15/01	10.50	190.14
				10/31/01	10.56	190.08
				12/3/01*	10.50	190.14
MW 103	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
				12/3/01*	15.83	190.98
MW 203	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
				12/3/01*	15.20	191.71
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
				12/3/01*	9.66	193.39
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

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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-3 (Cont.)	203.64	203.53	8.5-29.5	12/3/01*	10.40	193.13
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	
				12/3/01*	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
				12/3/01*	9.44	196.57

[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.
* Depths to water were not measured in November due to scheduling conflicts.
** A car was parked over the well on 12/3/01 and the water level could not be measued.

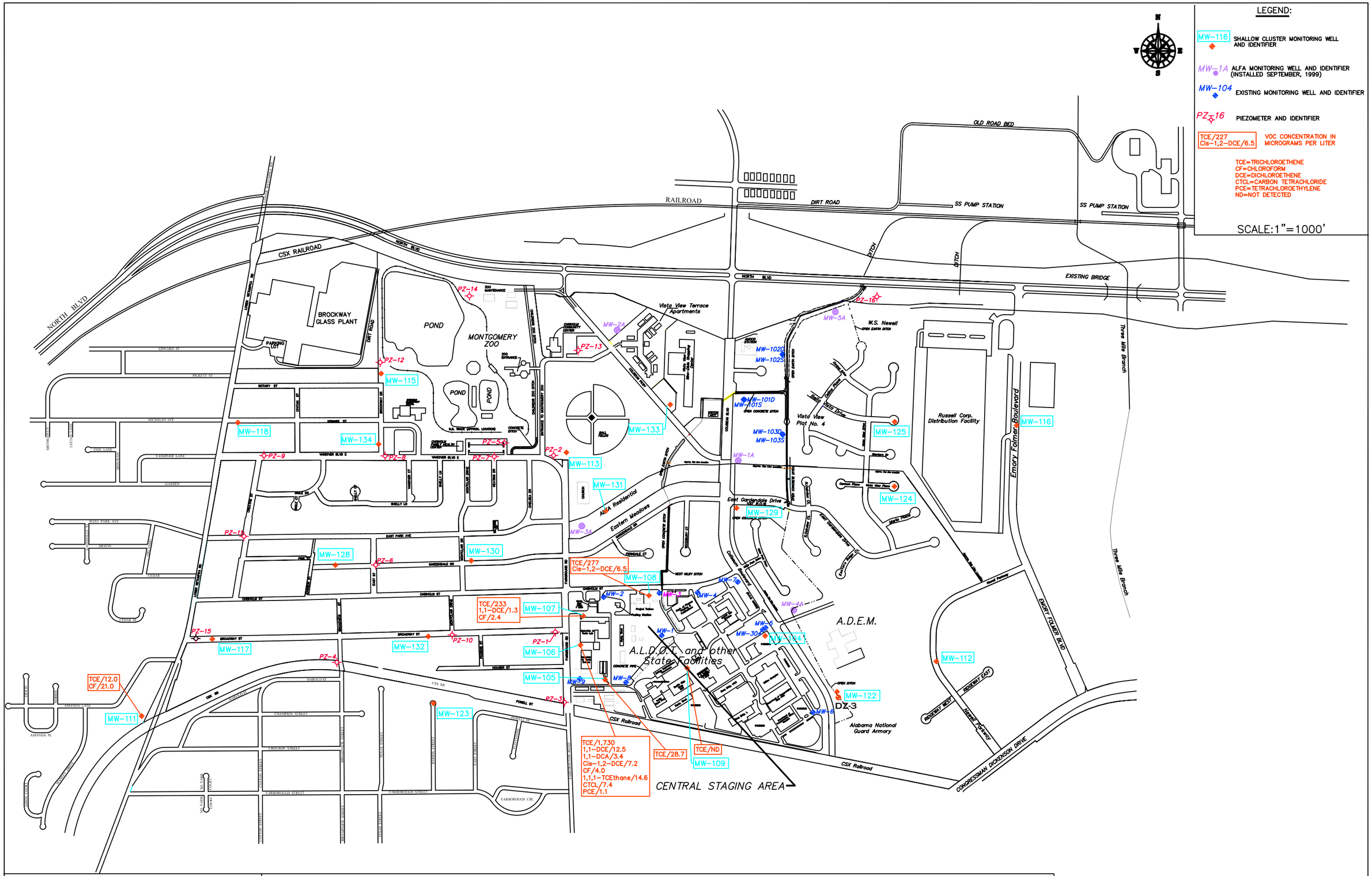

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Figure 1. Concentrations of VOCs in groundwater samples from 100-series "shallow zone" monitoring wells collected through November 30, 2001; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Drawing No. 011214

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. Speaks & Associates. The June 16, 2000 map of Larry Speaks & Associates was compiled from maps provided by TTL, Inc. and the Montgomery, Alabama Tax Assessor's Office.

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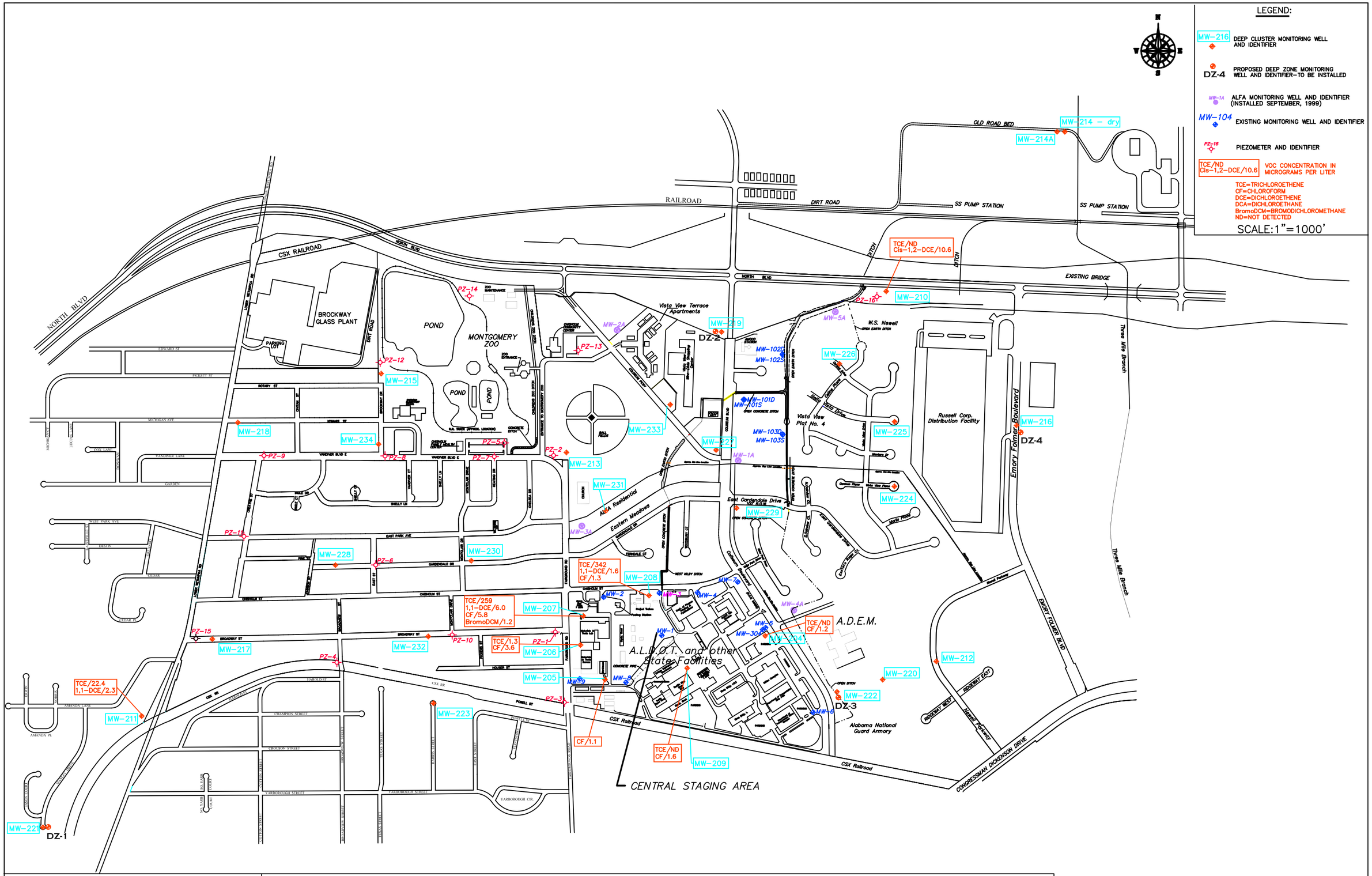

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Figure 2. Concentrations of VOCs in groundwater samples from 200-series "shallow zone" monitoring wells collected through November 30, 2001; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Drawing No. 011214.1

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. Speaks & Associates. The June 16, 2000 map of Larry Speaks & Associates was compiled from maps provided by TTL, Inc. and the Montgomery, Alabama Tax Assessor's Office.

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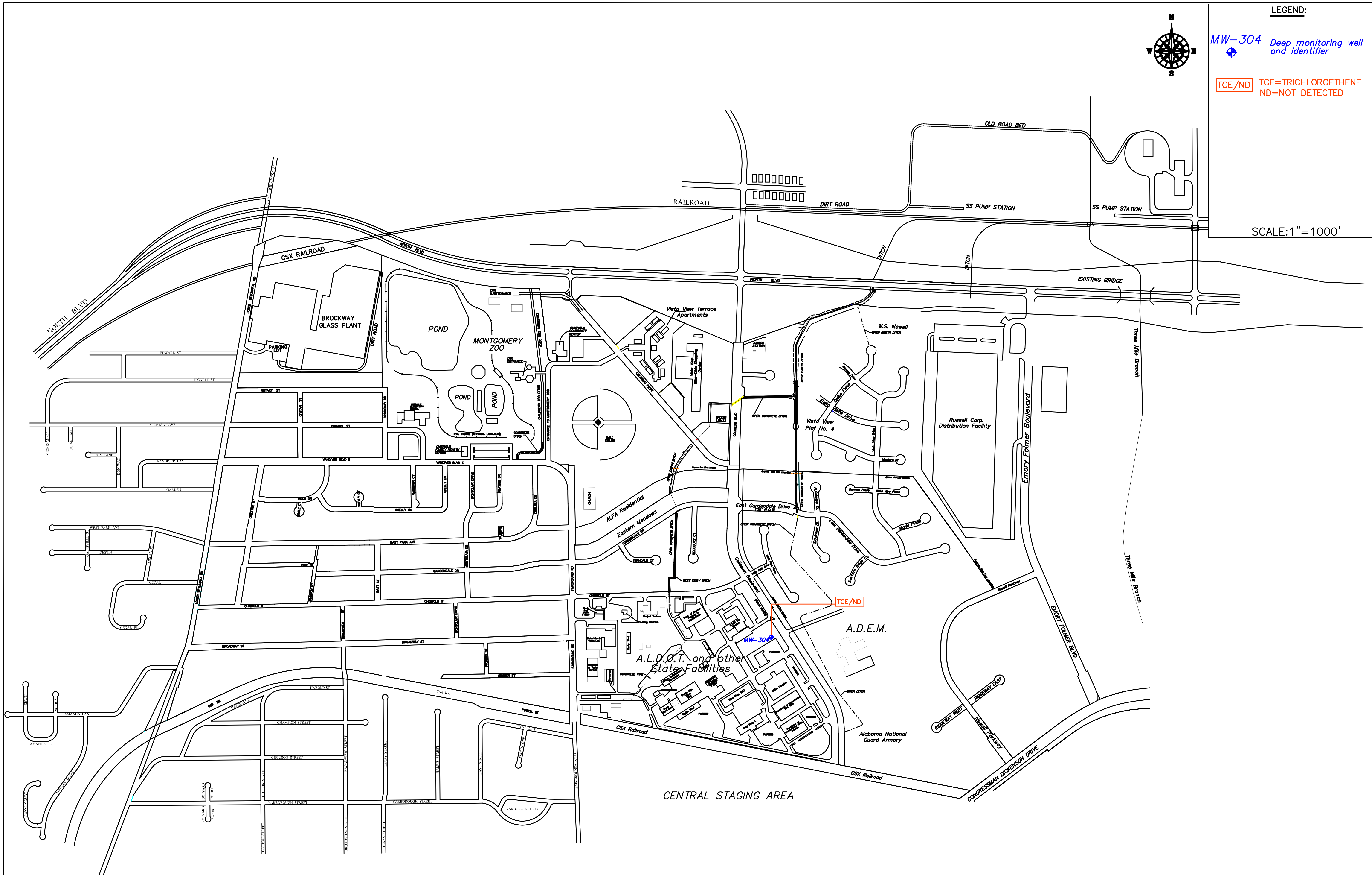

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Figure 3. Concentrations of VOCs in the groundwater sample from 300–series (deep monitoring well); Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Drawing No. 011217.1

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. Speaks & Associates. The June 16, 2000 map of Larry Speaks & Associates was compiled from maps provided by TTL, Inc. and the Montgomery, Alabama Tax Assessor's Office.

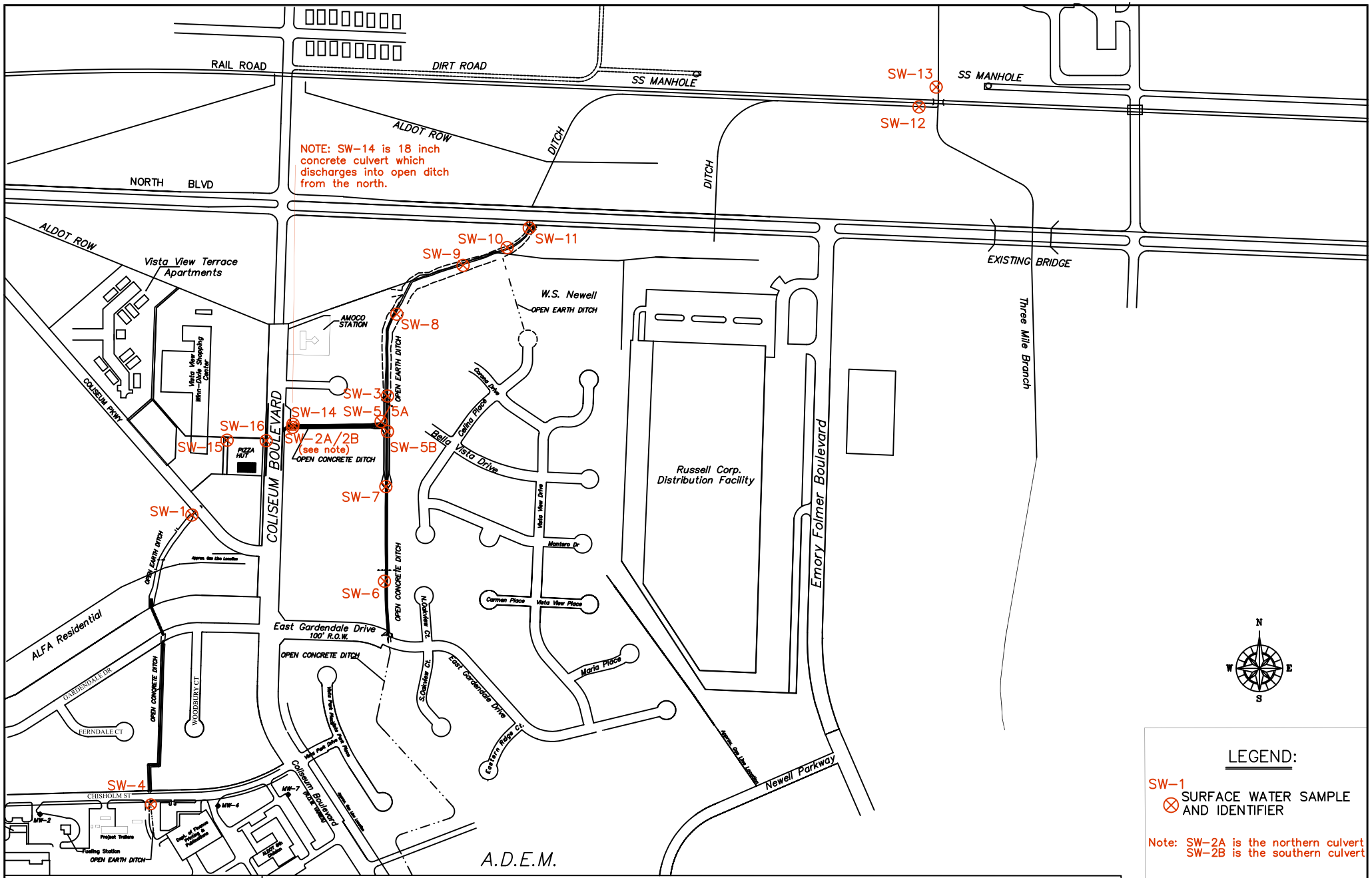

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Figure 4. Locations of Surface Water Samples SW1 thru SW16; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Drawing No. 011213

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. Speaks & Associates. The June 16, 2000 map of Larry Speaks & Associates was compiled from maps provided by TTL, Inc. and the Montgomery, Alabama Tax Assessor's Office.

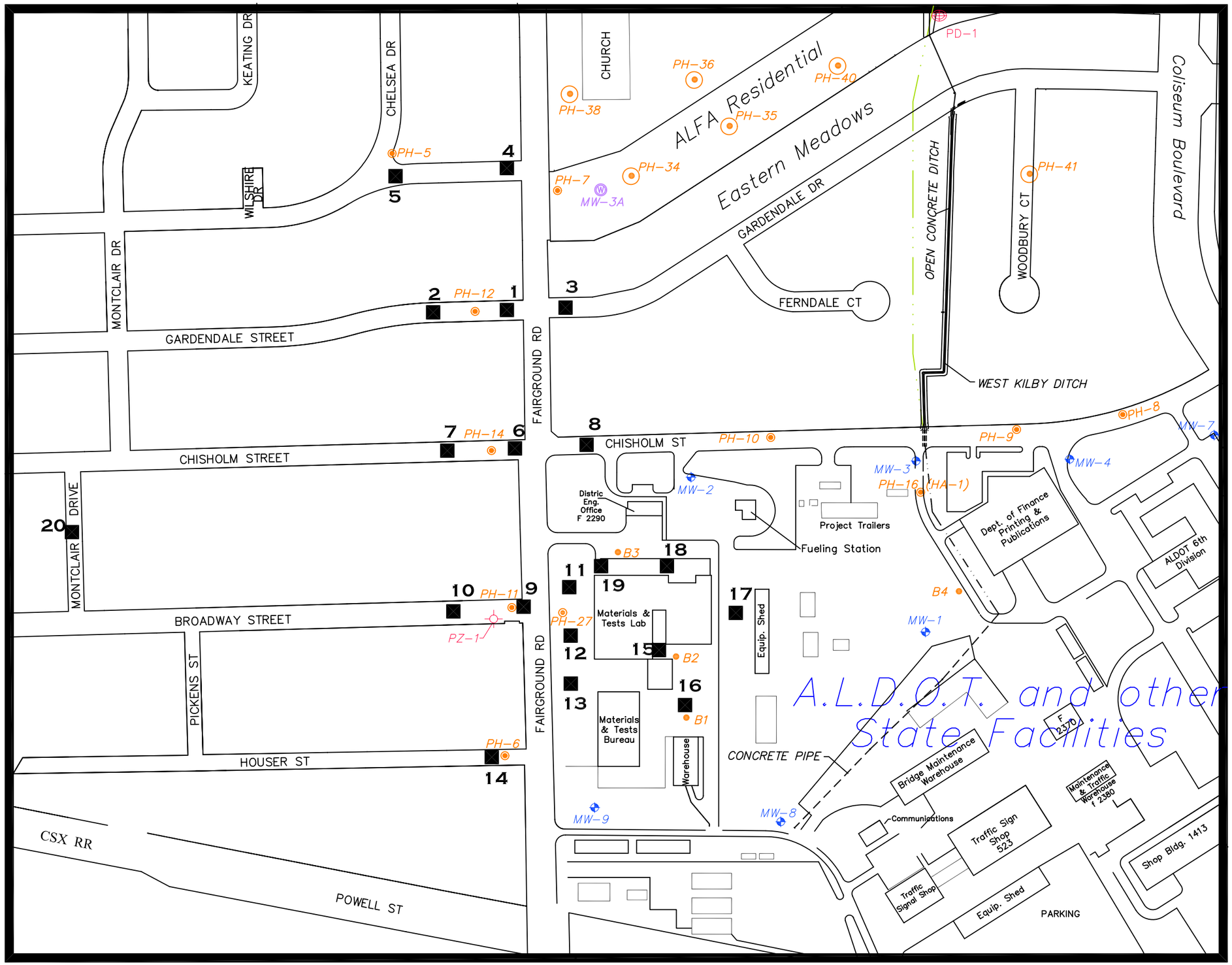

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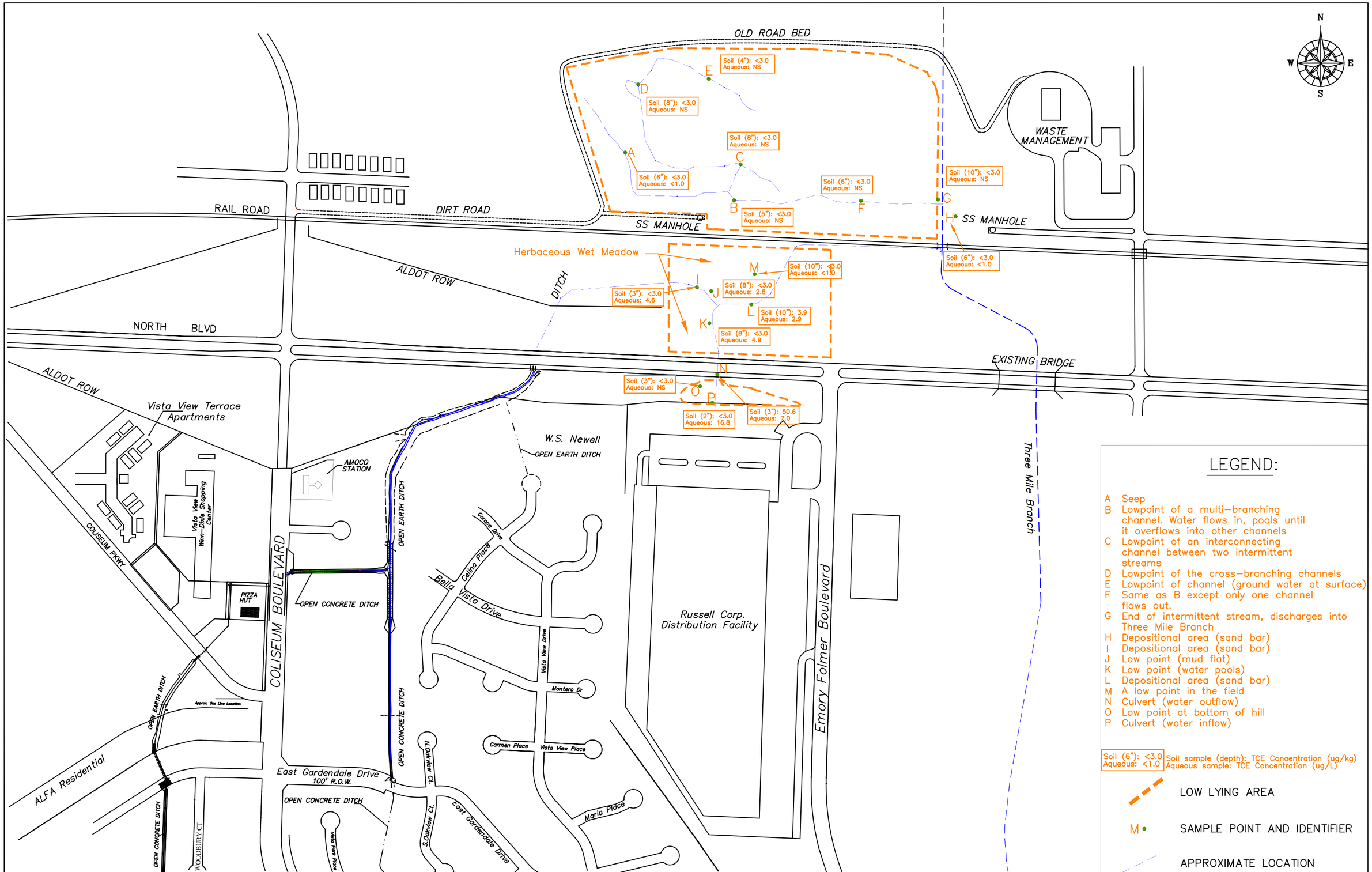
Figure 5. Proposed sampling locations. Work Plan Addendum 03–Investigation of Elevated Concentrations of TCE near PH12. Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Drawing No. 010607.3

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. Speaks & Associates. The June 16, 2000 map of Larry Speaks & Associates was compiled from maps provided by TTL, Inc. and the Montgomery, Alabama Tax Assessor's Office.



LEGEND:

- A Seep
- B Lowpoint of a multi-branching channel. Water flows in, pools until it overflows into other channels
- C Lowpoint of an interconnecting channel between two intermittent streams
- D Lowpoint of the cross-branching channels
- E Lowpoint of channel (ground water at surface)
- F Same as B except only one channel flows out.
- G End of intermittent stream, discharges into Three Mile Branch
- H Depositional area (sand bar)
- I Depositional area (sand bar)
- J Low point (mud flat)
- K Low point (water pools)
- L Depositional area (sand bar)
- M A low point in the field
- N Culvert (water outflow)
- O Low point at bottom of hill
- P Culvert (water inflow)

Soil (6"): <3.0 — Soil sample (depth): TCE Concentration (ug/kg)
Aqueous: <1.0 — Aqueous sample: TCE Concentration (ug/L)

LOW LYING AREA

M • SAMPLE POINT AND IDENTIFIER

APPROXIMATE LOCATION OF INTERMITTENT STREAMS BASED ON GPS WAYPOINTS

SCALE:1"=500'

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Figure 6. Locations of "low lying areas" and proposed sampling areas. Work Plan Addendum 04–Investigation of "Low Lying Areas"; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Drawing No. 011012

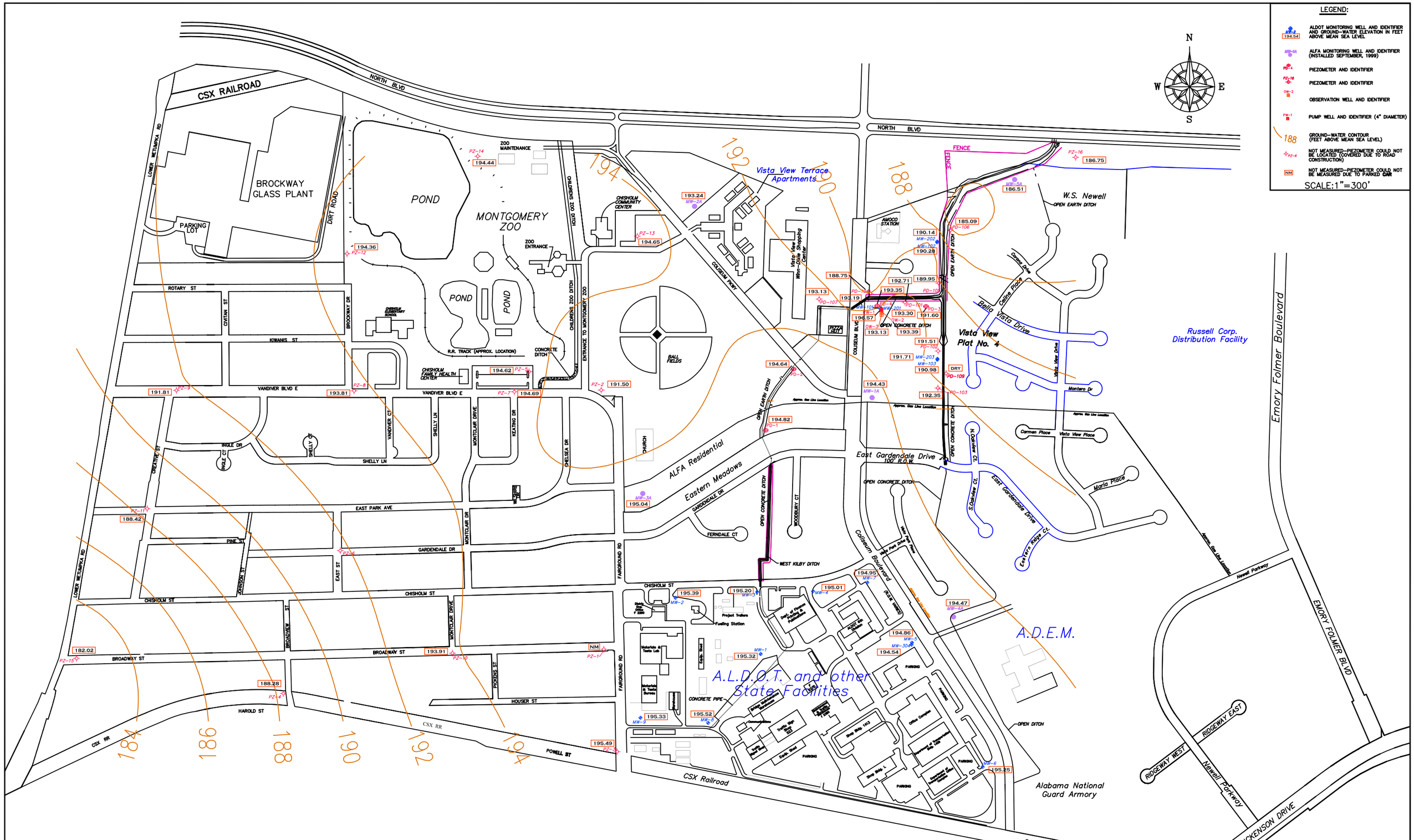

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Plate 1. Ground-water elevations on December 3, 2001;
Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Drawing No. 011212

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. Speaks & Associates. The June 16, 2000 map of Larry Speaks & Associates was compiled from maps provided by TTL, Inc. and the Montgomery, Alabama Tax Assessor's Office.