JANUARY AND FEBRUARY 2003 STATUS REPORT

COLISEUM BOULEVARD PLUME INVESTIGATION

ALABAMA

DEPARTMENT OF TRANSPORTATION

May 5, 2003

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

January & February 2003
Status Report

Water Level Measurements

- January 27 and 28, 2003: Depths to ground water were measured in piezometers and monitoring wells associated with the Coliseum Boulevard Plume Investigation. Ground-water elevations on January 27 and 28, 2003, are provided in Tables 1a through 1f. Ground-water elevations on January 27 and 28, 2003, in the 100- and 200-series "shallow zone" monitoring wells and piezometers are shown on Figures 1 and 2, respectively.

  Depths to ground water in monitoring wells MW-101, MW-113, MW-115, MW-130, MW-131 and piezometer PZ-17, and the zoo pond are currently measured by mini troll data loggers installed inside of these wells. The ground-water depths were downloaded on January 29, 2003. Data from the data loggers are downloaded monthly.

- January 27 and 28, 2003: Depths to ground water were measured in continuous multi-channel tubing (CMT) wells 1 through 7 on January 27 and 28, 2003 (see Table 2). Port 1 of CMT wells 3 and 4 were dry on January 27, 2003.

Surface Water Sampling

- January 10 & February 7, 2003: Surface water samples were collected from the west and main branches of Kilby Ditch at five locations (compliance points CP-1, CP-2, CP-3, and monitoring points MP-1 and MP-2). The surface water samples were collected at each location from the central part of the ditch. Figure 3 shows the locations of these five sampling points. The water samples were placed on ice and transported to **TTL**'s laboratory for analyses for volatile organic compounds (VOCs). Results of these analyses are provided in Table 3. The laboratory reports for the VOC analyses of the surface water samples are provided on the attached compact disc – recordable (CD-R).

  Compliance point water samples CP-1, CP-2, and CP-3 collected on January 10, 2003, contained concentrations of trichloroethylene (TCE) of 37.0 µg/L (micrograms per liter), 28.1, and 7.8J, respectively, which is well below the action level concentration of 175 µg/L for TCE in surface water samples. Samples collected from CP-1 and CP-2 also contained concentrations of cis-1, 2-Dichloroethene of 2.3J and 1.4J, respectively on January 10, 2003. TCE concentrations at MP-1 and MP-2 were 50.3 µg/L and 59.4

µg/L, respectively. Concentrations of cis-1,2-Dichloroethene were detected in MP-1 (1.9J) and MP-2 (3.6J) and chloroform also was detected in MP-1 (1.7J) on January 10, 2003.

On January 14, 2003, a project to rehabilitate the underground storm water pipe west of the Coliseum Boulevard was started. The project involves sealing joints and cracks where ground water is infiltrating the pipe.

Surface water samples collected from compliance points CP-1, CP-2, and CP-3 on February 7, 2003, contained concentrations of TCE of 14.5J, 9.3J, and 3.6J, respectively. TCE concentrations in surface water samples at MP-1 and MP-2 on February 7, 2003 were 22.0 µg/L and 36.1 µg/L, respectively. Concentrations of 1,1 - Dichloroethene were detected in the surface water sample collected from MP-1 (1.1J) on February 7, 2003. During sample collection, the water samples also were measured for temperature, pH, conductivity, dissolved oxygen, and turbidity (see Table 4).

Installation of Deep-Zone Monitoring Wells (Addendum 10 Supplement)

- January 14 – February 3, 2003: Field activities began to determine the quality of ground water in the deep water-bearing zone (second saturated zone) within the Probehole 12 area in accordance with the Addendum 10 Supplement (dated November 15, 2002) of the February 2001 Work Plan. Four deep-zone monitoring wells (MW-339, MW-340, MW-341, and MW-342) were constructed using sonic drilling methods. Construction of the wells was in accordance with procedures outlined in Addendum 08, Revision 1 – Deep Well Construction Method 2. Monitoring wells MW-339 and MW-340 are at the Alabama Department of Transportation (ALDOT) Materials and Testing Laboratory parking lot and Broadway Street, respectively. Monitoring wells MW-341 and MW-342 are on East Park Avenue and Chisholm Street, respectively. The locations of these wells are shown on Plate 1 and on Figure 4. The construction characteristics of the monitoring wells are provided in Table 5. The boring logs of the wells are provided on the attached CD-R.

  Soil/sediment samples from the borings of the deep-zone monitoring wells were scanned for ionizable vapors using a PID (photo-ionization detector). The sediments from the water table to the termination of each boring were collected inside FLUTe sleeves to check for the presence of DNAPL (dense non-aqueous phase liquid). To insure contact of the sediments with the FLUTe sleeves, each sleeve (containing sediments) was rolled before examination. There was no evidence of staining or color changes on any of the FLUTe sleeves that would indicate the presence of DNAPL.

Pneumatic pumps were used to develop the deep-zone monitoring wells prior to collection of ground-water samples. During development of the deep-zone monitoring wells field parameters (temperature, specific conductance, pH, and turbidity) were measured. On February 7, 2003, ground-water samples were collected from the four deep-zone monitoring wells. Prior to sample collection, the depths to water were measured. Water was then purged from each well until parameters stabilized. The ground-water samples were transported, on ice, to **TTL**'s laboratory and analyzed for VOCs, alkalinity, sulfate, nitrite, nitrate, and chlorides. The ground-water samples were analyzed for methane, ethane, and ethene by Severn Trent Laboratories (STL) in Burlington, Virginia. Based on the presence of chloroform in the ground-water samples (from residual drilling water) collected from monitoring wells MW-340 and MW-341 and the turbidity measured in ground-water samples collected from monitoring wells MW-339, MW-340, and MW-341, these wells were purged and re-sampled. Monitoring wells MW-339 and MW-340 were re-sampled on February 18 and 20, 2003, respectively. Monitoring well MW-341 was re-sampled on February 19, 2003. Results of the analyses for VOCs in the ground-water samples for wells MW-339 through MW-342 are provided in Table 6 and inorganic results are in Table 7. Monitoring well development and sampling forms are provided on the attached CD-R.

Quarterly Sampling of the Continuous Multi-Channel Tubing (CMT) Wells

- January 20 – 23, 2003: Ground-water samples were collected from CMT wells 1, 2, 3 and 4. Prior to the collection of the ground-water samples, the depth to water in each port was measured (see Table 2). After measuring depths to water, each port was purged using a peristaltic pump until field parameters (pH, conductivity, and turbidity) stabilized. Ground-water samples also were field measured for temperature, oxidation-reduction potential [redox (ORP)], ferrous iron [Fe (II)] and total iron. Approximately 2 to 4 gallons of water were removed from each of the CMT well ports prior to sample collection. During sample collection, the tubing from the pump was disconnected and withdrawn from the port. The water samples were collected by pouring the water from the bottom end of the tubing (end previously inside the port) into the sample containers. Six ground-water samples were collected from CMT 1. Port 4 of CMT 1 is believed to have bentonite surrounding the port. Seven ground-water samples were collected from CMT 2. Six ground-water samples were collected from CMT 3 and CMT 4. A ground-water sample was not collected from port 1 of CMT 3 and 4 because there was insufficient water in the port. The ground-water samples were analyzed for VOCs, total alkalinity, chloride, nitrate, nitrite, and sulfate by **TTL**'s laboratory and for methane, ethane, and ethene by STL. Results for VOCs in the ground-water samples collected

from the CMT wells are provided in Table 8. The results of the analyses for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous and total iron, methane, ethane, and ethene are provided in Table 9. Laboratory reports of these analyses and copies of well sampling forms are provided on the attached CD-R.

Fourth Quarterly Sampling Event (Addendum 06 Work Plan)

- January 6 – February 18, 2003: The fourth quarterly sampling event of all monitoring wells associated with the Coliseum Boulevard Plume Investigation was conducted. Ground-water samples were collected from 80 monitoring wells and analyzed for VOCs, total alkalinity, chloride, nitrate, nitrite, and sulfate by **TTL**'s laboratory and for methane, ethane, and ethene by STL. The ground-water samples also were field measured for ferrous iron and total iron using a CHEMetrics VVR photometer®. The results of the analyses for the VOCs in ground-water samples collected from the monitoring wells are provided in Table 6. The concentrations of total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous and total iron, methane, ethane, and ethene are provided in Table 7. The concentrations of VOCs in ground-water samples from the monitoring wells are shown on Plate 1 and Figure 4. Laboratory reports of the results of the analyses of the ground-water samples collected during the months of January and February are provided on the attached CD-R.

  Prior to sample collection, the monitoring wells were purged using a bladder pump until field parameters (pH, conductivity, and turbidity) stabilized. Temperature and redox (ORP) were also measured in the field. The field parameter measurements during purging of the monitoring wells in the months of January and February 2003 are provided on the Monitoring Well Sampling Forms on the attached CD-R.

- January 6, 7, 8, and 14 - 17, 2003: Ground-water samples were collected from 13 monitoring wells (MW-2A, MW-3A, MW-106, MW-107, MW-130, MW-131, MW-206, MW-207, MW-223, MW-225, MW-228, MW-230, and MW-231) near or within the Probehole 12 Area, and analyzed for total organic carbon (TOC). The results of these analyses are provided in Table 10. Laboratory reports of the results of the analyses for TOC in the ground-water samples are provided on the attached CD-R.

Diffusion Sampling for VOCs in Selected Monitoring Wells (Addendum 12)

- Diffusion bag samplers were installed in monitoring wells MW-1A, MW-105, MW-138A, MW-238B, MW-213, and MW-216 on January 17, 2003. The six monitoring wells are located in areas of shallow ground water that contain varying concentrations of TCE.

The samplers are constructed in the shape of a tube and are made of low-density polyethylene, which acts as a semi-permeable membrane. Prior to insertion into the well, each diffusion bag sampler was filled with analyte-free water. The diffusion bag samplers were fully submerged in each of these six wells. After a minimum of 14 days, the samplers were retrieved and water within each sampler was sampled for VOCs. Water within each sampler was poured into quadruplicate 40-milliliter glass vials preserved with hydrochloric acid. The vials were immediately placed on ice and transported to the **TTL**'s laboratory for analysis of VOCs. Duplicate samples were collected from each of the five monitoring wells using standard sampling procedures in accordance with *EPA Region 4 Environmental Investigations Standard Operating Procedures and Quality Assurance Manual*, November 2001 at the time the diffusive bags were removed. Laboratory reports for the results of the diffusion bag samplers compared with the standard sampling procedures (see Table 11) are provided on the attached CD-R.

Vertical Characterization of Site-Wide TCE Concentrations (Addendum 11)

- February 21, & 24 – 28, 2003: Field work began to further characterize the horizontal and vertical extent of TCE concentrations in the shallow ground water generally east of Fairgrounds Road. Soil/sediment and ground-water samples were collected from probeholes identified as 81, 82, 83, 84, 85, and 87. The locations of the probeholes are shown on Figure 5. Continuous soil samples were collected from each probehole and described by an on-site geologist. Boring logs of the probeholes are provided in the attached CD-R. At each probehole, ground-water samples were collected continuously in 4-foot intervals from the water table to the top of the first distinct clay beneath the water table. Soil and ground-water samples collected from the probeholes were analyzed by Plains Environmental Services (PES) for VOCs with a mobile on-site gas chromatograph (GC) equipped with a FID (Flame Ionization Detector). Approximately 10 percent of the soil and ground-water samples were duplicate samples that were collected and analyzed for VOCs by **TTL**'s laboratory in Tuscaloosa, Alabama. The ground-water samples also were analyzed for total alkalinity, chloride, nitrate, nitrite, and sulfate by **TTL** and for methane, ethane and ethene by STL. Laboratory reports of the results of the analyses performed by PES, **TTL**, and STL will be provided in a later status report after the results have been finalized. Work to complete Addendum 11 will be reported in future status reports.

Water Treatment

January and February: Water accumulated during installation of deep-zone monitoring wells and cleaning of equipment, purging and sampling of monitoring wells during the months of January and February 2003, was treated through a liquid-phase carbon filter treatment system at the ALDOT staging area. A total of 3,491 and 2,951 gallons of water were treated in January and February 2003, respectively (see Table 12). During treatment of the water, samples were collected from water discharged from the first carbon filter to monitor for breakthrough and the third carbon filter to monitor for compliance with the Montgomery Water Works and Sanitary Sewer Board discharge requirements. The water samples were submitted for VOC analyses. Results of these analyses and volumes of treated water are provided in Table 12. Laboratory reports of the analytical results for samples collected in January and February 2003 are on the attached CD-R.

Low – Lying Area (Addendum 04 Work Plan)

- January 14, 2003: Soil/sediment samples were collected at 8 "low-lying area" locations identified as locations I through P (see Figure 6). Soil/sediment samples were collected at various depths ranging from 8 to 11 inches below land surface. Surface water samples were collected at 8 locations identified as locations I through P (see Figure 7). The soil/sediment samples were analyzed for VOCs by STL due to an equipment malfunction at **TTL**'s laboratory. The surface water samples were analyzed for VOCs by **TTL**. Results of the analyses for VOCs in the soil/sediment and surface water samples are provided in Tables 13 and 14, respectively. Laboratory reports of these analyses are provided on the attached CD-R.

Quality Assurance/Quality Control

- During field activities in January and February 2003, quality assurance/quality control measures were performed. Equipment rinse samples were collected during installation of four deep-zone monitoring wells. During the fourth quarterly ground-water sampling event, randomly selected duplicate ground-water samples were collected (from monitoring wells MW-4A, MW-5A, MW-109, MW-132, MW-137A, MW-204, MW-218, and MW-227) and analyzed for VOCs, total alkalinity, chlorides, ferrous [Fe (II)] and total iron, nitrate, nitrite, sulfate, methane, ethane, and ethene. The duplicate sample results are shown with the parent sample results (see Tables 6 and 7). Ground-water samples also were collected from monitoring wells MW-304, MW-235B, MW-102, MW-202, and MW-5A and shipped to **TTL**'s laboratory to be analyzed for total iron for quality

assurance/quality control purposes (see Table 7). Equipment rinse samples were collected and trip blank samples accompanied water samples that were submitted for analyses for VOCs in January and February 2003. Results of the analyses for VOCs in the rinse and trip blank samples for January and February 2003 are provided in Table 15. Laboratory reports of the analyses are provided on the attached CD-R.

Ambient Air and Soil Vapor Monitoring (Addendum 09-Revision 1)

- The third round of field activities to collect samples of soil vapor, ambient air and crawl space air at thirty (30) pre-selected locations in accordance with the Addendum 09-Revision 1 Work Plan (Ambient air and Soil Vapor Monitoring) were performed the week of February 10, 2003. Summa canisters at twelve of the thirty locations malfunctioned during this event. These twelve locations were re-sampled during March and April. Results of the analyses of the samples are currently pending quality assurance / quality control review. The laboratory results will be provided in a Status Report after all data is accepted from the laboratory.

TABLES

Table 1a. Ground-water elevations in ALDOT wells during the last 12 month period; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (ALDOT Central Complex)									
Elevation of Measuring Point (ft. AMSL)[1]	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	
	218.42	218.76	211.01	213.79	218.06	218.76	217.97	218.62	216.97	
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
2/14/02	NM[2]	NM	195.32	NM	NM	NM	NM	NM	NM	
2/25/02	195.37	195.34	195.36	195.20	194.95	194.71	195.02	195.35	195.10	
3/19-20/02	195.46	195.46	195.47	195.29	195.03	194.70	195.13	195.43	195.16	
4/18/02	195.67	195.73	195.63	195.49	195.21	194.91	195.29	195.66	195.48	
5/16/02	195.38	195.50	195.32	195.16	194.93	194.71	194.98	195.43	195.27	
6/13/02	195.19	195.25	195.11	194.96	194.84	194.65	194.79	195.19	195.02	
7/18/02	194.85	194.87	194.26	194.62	194.49	194.36	194.47	194.87	194.62	
8/15/02	194.61	194.57	194.49	194.36	194.22	194.12	194.21	194.64	194.33	
9/12/02	194.30	194.29	194.23	194.10	193.98	193.86	193.94	194.29	194.04	
10/16/02	194.06	193.97	193.95	193.84	193.79	193.66	193.72	194.01	193.68	
11/19 & 21/02	194.29	194.09	194.15	194.08	193.95	193.84	193.97	194.11	193.73	
1/27/03	196.59	194.52	194.53	194.48	194.31	194.06	194.38	194.46	194.11	

Notes:

[1] Feet above mean sea level

[2] NM - Not measured

Table 1b. Ground-water elevations in piezometers during the last 12 month period; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (Piezometers)									
	PZ-1	PZ-2	PZ-3	PZ-4	PZ-5	PZ-7	PZ-8	PZ-9	PZ-10	PZ-11
Elevation of Measuring Point (ft. AMSL)[1]	220.93	207.20	220.50	216.19	204.72	206.20	209.51	205.12	213.93	211.76
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
2/14/02	NM[2]	NM	NM	NM	NM	NM	NM	NM	NM	NM
2/26/02	193.88	191.89	194.96	188.48	195.23	194.85	193.16	187.84	191.78	185.44
3/19-20/02	195.13	195.68	195.13	188.57	195.54	195.48	194.72	192.56	193.72	188.14
4/17/02	195.50	195.99	195.44	188.97	195.75	195.69	195.09	192.95	194.20	188.66
5/16-17/02	195.32	195.32	195.22	188.87	193.66	196.70	194.43	192.31	193.95	188.32
6/13-14/02	195.05	194.90	194.94	188.49	194.72	194.64	193.81	191.75	193.59	187.90
7/17/02	194.66	194.46	194.58	188.17	194.19	194.12	193.20	191.15	193.09	187.30
8/15-16/02	194.35	194.38	194.39	187.62	193.91[3]	193.85	192.85	190.78	192.67	186.85
9/12/02	194.01	193.88	193.95	187.29	193.59	193.48	192.47	190.39	192.29	186.43
10/16-17/02	193.65	193.80	193.61	186.90	NM[4]	193.45	192.39	190.17	191.90	186.03
11/19 & 21/02	193.65	194.21	193.66	186.60	NM[4]	193.87	192.84	190.52	191.77	186.04
1/27-28/03	193.95	194.65	194.01	186.93	194.51	194.39	193.59	191.33	192.20	186.55

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Table 1b. Ground-water elevations in piezometers during the last 12 month period; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (Piezometers) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	PZ-12	PZ-13	PZ-14	PZ-15	PZ-16	PZ-17[5]				
	212.26	207.95	204.54	220.37	193.44	203.95				
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
2/14/02	NM	NM	NM	NM	187.59	NI[6]				
2/26/02	192.32	188.01	189.58	176.98	184.42	NI				
3/19-20/02	195.21	195.50	195.31	180.72	187.19	NI				
4/17/02	195.55	195.38	195.57	181.08	187.10	NI				
5/16-17/02	194.79	195.01	194.76	181.03	186.69	NI				
6/13-14/02	194.11	194.71	194.15	180.71	186.55	194.70				
7/17/02	193.49	194.44	193.51	180.27	186.48	194.01				
8/15-16/02	193.22	194.36	193.32	179.93	186.57	193.79				
9/12/02	192.78	193.94	192.94	179.52	186.41	193.38				
10/16-17/02	193.15	194.05	193.38	179.08	187.27	193.65				
11/19 & 21/02	193.58	194.62	193.87	178.69	187.58	194.28				
1/27-28/03	194.28	194.65	194.36	178.62	186.99	194.53				

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Table 1b. Ground-water elevations in piezometers during the last 12 month period; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (Piezometers) - Continued									
	PD-1	PD-2	PD-3	PD-4	PD-101	PD-102	PD-103	PD-104	PD-105	PD-106
Elevation of Measuring Point (ft. AMSL)[1]	205.97	201.74	202.52	202.15	200.76	205.52	208.29	200.01	199.20	199.59
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
2/14/02	195.27	195.16	192.65	194.07	193.38	192.70	193.56	188.19	190.69	184.74
2/26/02	194.82	----[7]	192.28	192.01	188.53	192.32	192.99	188.44	190.50	183.73
3/19-20/02	195.40	195.25	192.49	194.07	193.35	192.48	193.32	193.99	190.60	189.08
4/18/02	195.10	195.04	191.63	194.00	193.23	192.41	193.29	188.86	190.45	185.09
5/16-17/02	195.12	194.93	191.99	193.72	193.07	191.96	192.81	188.84	190.56	185.08
6/13-14/02	194.77	194.70	191.73	193.49	192.88	191.62	192.50	188.75	190.02	185.03
7/17-18/02	194.44	194.29	191.53	193.30	192.74	191.37	192.19	193.38	189.89	188.32
8/16/02	194.12	189.62	191.44	193.15	192.63	191.23	192.00	188.80	189.85	185.02
9/12-13/02	198.04	189.68	191.22	192.92	192.47	191.09	191.72	193.05	189.84	188.08
10/16-17/02	193.89	193.77	191.63	193.05	192.64	191.27	191.96	193.23	189.95	188.62
11/19 & 21/02	196.23	194.16	192.35	193.62	192.81	192.12	192.64	189.02	190.65	189.11
1/27/03	194.61	194.51	192.10	193.65	193.08	NM[8]	194.75	191.02	190.29	188.78

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Table 1b. Ground-water elevations in piezometers during the last 12 month period; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (Piezometers) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	PD-107	PD-109								
	205.63	204.59								
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
2/14/02	187.80	Dry								
2/26/02	187.87	Dry								
3/19-20/02	194.71	Dry								
4/18/02	188.03	Dry								
5/16-17/02	188.03	Dry								
6/13-14/02	188.02	Dry								
7/17/02	193.88	Dry								
8/16/02	185.92	Dry								
9/12-13/02	193.53	Dry								
10/16-17/02	193.51	Dry								
11/19 & 21/02	194.09	Dry								
1/28/03	194.52	Dry								

Notes:

[1] Feet above mean sea level

[2] NM - Not measured

[3] PZ-5 was inadvertently not measured on 8/16/02, but was measured on 8/19/02 by the field technician.

[4] PZ-5 was not measured on 10/16/02 and 11/19/02 because it was covered under water.

[5] Mini troll data logger in piezometer. The mini troll data logger in PZ-17 was installed on 7/3/02. Depths to ground-water in piezometer PZ-17 were measured with a water-level indicator.

[6] NI - Not installed. PZ-17 was installed on 5/30/02

[7] The depth to water was not measured at PD-2 on 2/26/02 because mud was encountered at the bottom of the piezometer ("dry").

[8] Monitoring well PD-102 was inadvertently not measured.

Table 1c. Ground-water elevations in Alfa monitoring wells during the last 12 month period; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (Alfa Monitoring Wells Vista View Development)									
Elevation of Measuring Point (ft. AMSL)[1]	MW-1A	MW-2A	MW-3A	MW-4A	MW-5A					
	213.53	206.01	209.67	213.18	203.42					
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
2/14/02	NM[2]	NM	NM	NM	187.64					
2/26/02	194.89	194.23	195.38	194.52	187.16					
3/19-20/02	195.02	194.56	195.65	194.68	187.26					
4/17-18/02	194.98	194.38	197.77	194.21	186.67					
5/16-17/02	NM	193.70	195.38	194.58	186.76					
6/13/02	194.47	193.29	195.04	194.41	186.55					
7/17/02	194.20	192.98	194.63	194.14	186.45					
8/16/02	193.95	192.86	194.31	193.86	186.52					
9/12-13/02	193.66	192.49	194.04	193.63	186.32					
10/16-17/02	193.50	192.69	193.79	193.45	186.97					
11/19 & 21/02	193.86	193.67	194.16	193.69	187.49					
1/28/03	194.30	193.82	194.67	194.02	186.97					

Notes:

[1] Feet above mean sea level

[2] NM - Not measured

Table 1d. Ground-water elevations in monitoring wells along Kilby Ditch during the last 12 month period; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (Monitoring Wells Kilby Ditch)									
Elevation of Measuring Point (ft. AMSL)[1]	MW-101[2]	MW-201	MW-102	MW-202	MW-103	MW-203	OW-2	OW-3	Pump Test Well	
	202.44	202.43	200.49	200.64	206.81	206.91	203.05	203.53	206.01	
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
2/14/02	194.14	194.06	191.31	190.98	193.37	192.90	194.15	194.19	197.29	
2/26/02	193.92	193.85	190.92	190.67	192.76	192.52	193.96	193.99	197.09	
3/19-20/02	194.11	194.03	191.12	190.82	192.93	192.63	194.13	194.18	197.27	
4/18/02	194.12	194.06	191.29	191.13	191.91	191.92	193.70	194.13	197.51	
5/17/02	193.76	193.69	190.19	190.53	192.28	192.16	193.77	193.80	196.91	
6/13-14/02	193.50	193.45	190.14	189.96	191.90	191.88	193.47	193.55	196.66	
7/17-18/02	193.41	193.26	190.08	189.82	191.63	191.58	193.32	193.35	196.47	
8/16/02	193.69	193.11	190.01	189.84	191.42	191.43	193.16	193.18	196.31	
9/12/02	193.04	192.89	189.81	189.66	191.23	191.19	192.94	192.96	196.09	
10/16-17/02	193.15	193.00	190.34	190.03	191.62	191.41	193.03	193.04	196.21	
11/19 & 21/02	193.74	193.74	191.21	190.85	192.50	192.20	193.61	193.61	196.78	
1/28/03	193.88	193.64	190.39	190.88	192.08	191.37	193.69	193.71	196.85	

Notes:

[1] Feet above mean sea level

[2] Mini troll logger data installed in monitoring well MW-101 on 7/3/02. Depths to ground-water in monitoring well MW-101 were measured with a water-level indicator.

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (100-, 200-, and 300- Series Monitoring Wells)									
Elevation of Measuring Point (ft. AMSL)[1]	MW-104	MW-204	MW-304	MW-105	MW-205	MW-106	MW-206	MW-107	MW-207	
	217.68	217.91	217.64	216.63	217.04	222.24	222.17	222.33	222.42	
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
2/25-26/02	194.96	194.98	194.59	195.23	195.23	195.16	195.18	195.26	195.29	
3/19-20/02	195.04	195.06	194.65	195.31	195.30	195.25	195.26	195.37	195.39	
4/18/02	195.23	195.26	194.84	195.56	195.57	195.57	195.56	195.72	195.69	
5/16-17/02	194.95	194.97	194.59	195.34	195.35	195.39	195.40	195.50	195.50	
6/13-14/02	194.88	194.87	194.43	195.10	195.11	195.14	195.20	195.23	195.23	
7/18/02	194.54	194.55	194.11	194.75	194.76	194.76	194.77	194.85	194.84	
8/15-16/02	194.29	194.28	193.87	194.47	194.47	194.46	194.45	194.51	194.55	
9/12-13/02	194.01	194.02	193.61	194.17	194.17	194.15	194.22	194.23	194.23	
10/16-17/02	193.82	193.89	193.41	193.84	193.86	193.83	193.82	193.88	193.90	
11/19 & 21/02	193.99	193.97	193.63	193.89	193.92	193.81	193.84	193.92	193.97	
1/27-28/03	194.29	194.11	193.91	194.29	194.27	194.20	194.20	194.37	194.40	

Continued on next page

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (100-, 200-, and 300- Series Monitoring Wells) - Continued									
	MW-108	MW-208	MW-109	MW-209	MW-210	MW-111	MW-211	MW-311	MW-112	MW-212
Elevation of Measuring Point (ft. AMSL)[1]	212.59	212.76	220.91	220.31	188.74	211.52	211.75	210.82	220.34	220.40
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
2/25-26/02	195.38	195.40	195.39	195.37	186.19	172.91	172.74	173.06	191.97	191.91
3/19-20/02	195.47	195.47	195.46	195.45	186.21	172.88	172.79	173.01	192.05	192.01
4/17-18/02	195.67	195.69	195.66	195.66	185.54	173.00	172.84	173.19	192.29	192.21
5/16-17/02	195.33	195.42	195.40	195.36	185.93	172.81	172.62	172.98	192.01	191.96
6/13-14/02	195.11	195.12	195.21	195.19	185.88	172.56	172.39	172.72	191.73	191.77
7/17-18/02	194.76	194.77	194.88	194.88	185.85	172.24	172.01	172.39	191.44	191.37
8/15-16/02	194.51	194.50	194.63	194.59	185.88	171.90	171.76	172.04	191.32	191.22
9/12-13/02	NM[2]	NM[2]	194.36	194.34	185.83	171.59	171.38	171.71	191.05	190.98
10/16-17/02	193.97	195.96	194.11	194.09	186.69	171.17	170.96	171.33	190.89	190.81
11/19 & 21/02	194.17	194.20	194.27	194.28	186.48	171.86	170.72	171.04	191.23	191.17
1/27-28/03	194.61	194.63	194.59	194.56	185.49	170.62	170.44	170.88	191.77	191.72

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Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (100-, 200-, and 300- Series Monitoring Wells) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	MW-113[3]	MW-213	MW-214	MW-214A	MW-115[3]	MW-215	MW-116	MW-216	MW-117	MW-217
	207.37	207.41	174.73	174.71	212.06	211.81	194.02	194.04	218.90	218.86
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
2/25-26/02	195.36	195.36	168.27	167.25	195.14	194.58	185.84	185.67	181.45	181.33
3/19-20/02	195.72	195.71	169.67	167.50	195.41	194.93	185.84	185.68	181.43	181.30
4/17-18/02	195.83	195.83	167.24	169.78	195.76	195.26	185.86	185.67	181.80	181.71
5/16-17/02	195.32	195.32	169.01	165.81	195.01	194.50	185.67	185.50	181.75	181.62
6/13-14/02	194.90	194.91	168.02	165.05	194.55	193.82	185.56	185.41	181.42	181.31
7/17-18/02	194.62	194.48	166.68	164.61	193.66	193.22	185.31	185.49	181.01	180.89
8/15-16/02	194.39	194.26	168.36	164.55	193.31	192.89	185.50	185.36	180.57	180.44
9/12-13/02	194.05	193.97	167.87	163.95	192.90	192.47	187.36	185.27	180.18	180.08
10/16-17/02	194.02	193.86	168.58	165.24	193.27	192.89	185.58	185.42	179.76	179.65
11/19 & 21/02	194.49	194.33	169.52	166.46	193.65	193.27	185.98	185.73	179.37	179.27
1/27-28/03	194.81	194.65	169.49	167.01	194.40	194.13	185.68	185.48	179.34	179.25

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Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (100-, 200-, and 300- Series Monitoring Wells) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	MW-118	MW-218	MW-219	MW-220	MW-221	MW-122	MW-222	MW-123	MW-223	
	203.18	203.23	202.88	219.25	183.60	214.65	214.47	216.44	216.34	
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
2/25-26/02	192.07	192.00	194.31	193.47	166.96	194.25	194.12	194.05	193.96	
3/19-20/02	192.65	192.54	194.97	193.55	167.19	194.32	194.19	194.13	194.04	
4/17-18/02	192.85	192.78	194.53	NM[4]	167.67	194.51	194.25	194.56	194.45	
5/16-17/02	191.99	191.93	193.64	193.47	167.40	194.26	194.14	194.25	194.15	
6/13-14/02	191.44	191.37	193.18	193.25	167.12	194.11	193.99	193.97	193.87	
7/17-18/02	190.85	190.79	192.74	187.75	166.82	193.86	192.76	193.56	193.46	
8/15-16/02	190.41	190.35	192.57	192.83	166.56	194.68	194.53	193.18	193.08	
9/12/02	190.00	189.91	192.18	192.61	166.26	193.40	193.28	192.83	192.72	
10/16-17/02	189.71	189.62	192.67	192.45	165.97	193.21	193.09	192.47	192.36	
11/19 & 21/02	190.26	190.23	194.44	192.78	165.93	193.48	193.35	192.28	192.18	
1/27-28/03	192.22	192.20	194.17	193.03	166.56	193.69	193.57	192.55	192.43	

Continued on next page

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (100-, 200-, and 300- Series Monitoring Wells) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	MW-124	MW-224	MW-125	MW-225	MW-226	MW-227	MW-128	MW-228	MW-129	MW-229
	219.11	219.25	206.43	206.32	203.61	205.16	212.11	212.23	214.62	214.32
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
2/25-26/02	190.69	190.68	189.25	189.24	189.13	194.94	191.63	191.58	195.04	195.03
3/19-20/02	190.73	190.71	189.22	189.21	189.09	195.10	191.82	191.76	195.14	195.12
4/17-18/02	190.88	190.87	189.32	189.29	189.10	196.13	192.36	192.30	194.45	194.42
5/16-17/02	190.49	190.49	188.94	188.93	188.64	194.85	191.96	191.91	194.97	194.96
6/13-14/02	190.05	190.34	188.72	188.71	188.48	194.56	191.43	191.40	194.69	194.66
7/17-18/02	189.93	189.93	188.52	188.51	188.26	194.28	190.87	190.85	194.38	194.40
8/15-16/02	189.82	189.80	188.48	188.43	188.29	194.03	190.47	190.41	192.72[5]	189.52[5]
9/12-13/02	189.60	189.59	188.30	188.30	188.05	193.77	190.09	190.08	193.87	193.86
10/16-17/02	189.59	189.58	188.42	188.42	188.44	193.57	189.81	189.80	193.59	193.58
11/19 & 21/02	190.08	190.03	189.02	189.03	189.20	193.91	189.88	189.87	193.94	193.90
1/27-28/03	190.52	190.51	189.03	189.03	188.89	194.40	190.55	190.48	192.22	194.36

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Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (100-, 200-, and 300- Series Monitoring Wells) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	MW-130[3]	MW-230	MW-131[3]	MW-231	MW-132	MW-232	MW-133	MW-233	MW-134	MW-234
	215.71	215.68	205.92	205.92	215.20	215.25	205.04	204.90	209.33	209.51
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
2/25-26/02	194.64	194.70	195.31	195.29	192.95	192.89	194.94	194.89	194.47	194.57
3/19-20/02	194.88	194.89	195.50	195.59	193.05	193.02	195.21	195.14	194.87	194.86
4/17/02	195.41	195.43	195.05	195.10	193.55	193.55	195.16	195.12	195.23	195.27
5/16-17/02	194.98	194.99	195.26	195.26	193.32	193.28	194.71	194.67	194.54	194.58
6/13-14/02	194.53	194.52	194.99	194.91	192.93	192.89	194.38	194.35	193.94	193.96
7/17-18/02	193.92	193.98	194.56	194.54	192.42	192.36	194.12	194.07	193.34	193.34
8/15-16/02	193.49	193.66	194.27	194.32	191.95	191.95	193.88	194.22	192.99	193.00
9/12/02	193.14	193.22	194.07	194.03	191.56	191.52	193.64	193.61	192.58	192.60
10/16-17/02	192.86	192.93	193.82	193.84	191.18	191.15	193.63	193.59	192.58	192.58
11/19 & 21/02	192.98	193.07	194.21	194.24	191.09	191.13	194.23	194.18	192.85	193.05
1/27-28/03	193.66	193.70	194.61	194.64	191.38	191.54	194.52	194.49	193.82	193.87

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Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (100-, 200-, and 300- Series Monitoring Wells) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	MW-135A	MW-235B	MW-235C	MW-136A	MW-236B	MW-236C	MW-137A	MW-237B	MW-237C	
	217.50	217.35	216.91	211.14	211.01	210.62	213.36	213.40	213.50	
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
2/25-26/02	NI[6]	NI	NI	NI	NI	NI	NI	NI	NI	
3/19-20/02	NI	NI	NI	NI	NI	NI	NI	NI	NI	
4/17/02	NI	NI	NI	NI	NI	NI	NI	NI	NI	
5/16-17/02	NI	NI	NI	NI	NI	NI	NI	NI	NI	
6/13-14/02	NI	NI	NI	NI	NI	NI	NI	NI	NI	
7/17-18/02	NI	NI	NI	NI	NI	NI	NI	NI	NI	
8/15-16/02	NI	NI	NI	NI	NI	NI	NI	NI	NI	
9/12/02	NI	NI	NI	NI	NI	NI	NI	NI	NI	
10/16-17/02	193.93	193.91	193.92	193.81	193.81	193.82	193.06	193.03	193.03	
11/19 & 21/02	194.02	194.04	194.00	194.16	194.19	193.14	192.98	192.97	193.02	
1/27-28/03	194.52	194.54	194.55	194.51	194.47	194.64	193.38	193.40	193.48	

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Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (100-, 200-, and 300- Series Monitoring Wells) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	MW-138A	MW-238B	MW-238C							
	223.11	222.86	222.98							
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
2/25-26/02	NI	NI	NI							
3/19-20/02	NI	NI	NI							
4/17/02	NI	NI	NI							
5/16-17/02	NI	NI	NI							
6/13-14/02	NI	NI	NI							
7/17-18/02	NI	NI	NI							
8/15-16/02	NI	NI	NI							
9/12/02	NI	NI	NI							
10/16-17/02	193.78	194.21	193.79							
11/19 & 21/02	193.79	194.07	193.84							
1/27/03	194.36	194.37	194.34							

Notes:

[1]

[2] NM - Not measured: Monitoring well MW-108 and MW-208 were not measured on September 12, 2002, because the gate was locked.

[3] Mini troll data loggers installed in monitoring wells MW-115, MW-130, and MW-131 on 7/3/02. A mini troll data logger was installed in MW-113 on 7/3/02, but was removed for mechanical repairs on 8/16/02 and 9/13/02. The mini troll data logger in MW-113 was reinstalled on 11/20/02. The depths to ground water in these monitoring wells were measured with a water-level indicator.

[4] Monitoring well MW-220 was not measured on 4/18/02 due to an oversight by the field technicians.

[5] Monitoring wells MW-129 and MW-229 were inadvertently not measured on 8/16/02, but were measured on 8/19/02 by the field technicians.

[6] Cluster monitoring wells MW-135, MW-136, MW-137, and MW-138 were installed in October 2002.

Table 1f. Ground-water elevations in Pump test wells during the last 12 month period; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (Pump test wells PW-1 and PW-2)									
Elevation of Measuring Point (ft. AMSL)[1]	PW-1	PW-2								
	221.27	210.45								
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
2/25-26/02	NI[2]	NI								
3/19-20/02	NI	NI								
4/17/02	NI	NI								
5/16-17/02	NI	NI								
6/13-14/02	NI	NI								
7/17-18/02	NI	NI								
8/15-16/02	NI	NI								
9/12/02	NI	NI								
10/16-17/02	NM[3]	193.82								
11/19 & 21/02	193.84	194.08								
1/27-28/2003	194.23	194.64								

Notes:

[1]

[2] NI - Not installed. Pump test well PW-1, which was originally constructed on 10/2/02, was replaced on 10/18/02, because of an electric pump lodged in the well.

[3] NM - Not measured

Table 2. Historical ground-water elevations in CMT (continuous multi-channel) wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (CMT 1)									
Elevation of Measuring Point (ft. AMSL)[1]	CMT 1-1	CMT1 -2	CMT1 -3	CMT 1-4[2]	CMT 1-5	CMT 1-6	CMT 1-7			
	219.50	219.50	219.50	219.50	219.50	219.50	219.50			
Screened Interval (ft BLS)[3]	43.1-43.4	39.3-39.6	35.3-35.6	31.6-31.9	29.2-29.5	47.4-47.7	51.45			
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
2/21/02	195.35	195.35	195.35	199.46	195.35	195.35	195.35			
4/4-5/02	195.84	195.70	195.84	DRY[4]	195.85	195.84	195.84			
7/22/02	194.58	194.58	194.58	195.04	194.58	194.58	194.58			
8/16/02	194.29	194.31	194.30	193.92	194.30	193.86	194.31			
9/13/02	193.97	193.97	193.99	194.36	193.94	193.95	194.00			
10/17/02	193.70	193.70	193.71	195.32	193.69	193.68	193.70			
11/21-22/02	193.92	193.92	193.91	194.11	193.89	193.89	193.90			
1/27/03	194.52	194.52	194.53	189.99	194.52	194.52	194.50			

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Table 2. Historical ground-water elevations in CMT (continuous multi-channel) wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (CMT 2)									
Elevation of Measuring Point (ft. AMSL)[1]	CMT 2-1	CMT 2-2	CMT 2-3	CMT 2-4	CMT 2-5	CMT 2-6	CMT 2-7			
	221.85	221.85	221.85	221.85	221.85	221.85	221.85			
Screened Interval (ft BLS)[3]	32.2-32.6	40.3-40.6	44.3-44.6	48.4-48.7	52.3-52.6	56.1-56.4	59.8			
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
2/21/02	195.15	195.16	195.16	195.18	195.16	195.16	-[5]			
4/4-5/02	NM[6]	NM	NM	NM	NM	NM	NM			
7/24/02	194.71	194.71	194.71	194.71	194.71	194.71	194.71			
8/16/02	194.47	194.46	194.44	194.46	194.44	194.44	191.10			
9/13/02	194.13	194.15	194.14	194.15	194.15	194.15	194.15			
10/17/02	193.80	193.79	193.80	193.80	193.81	193.81	193.80			
11/21-22/02	193.83	193.83	193.83	193.81	193.82	193.83	193.82			
1/27/03	194.24	194.24	194.23	194.23	194.23	194.24	194.24			

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Table 2. Historical ground-water elevations in CMT (continuous multi-channel) wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (CMT 3)									
Elevation of Measuring Point (ft. AMSL)[1]	CMT 3-1	CMT 3-2	CMT 3-3	CMT 3-4	CMT 3-5	CMT 3-6	CMT 3-7			
	224.60	224.60	224.60	224.60	224.60	224.60	224.60			
Screened Interval (ft BLS)[3]	26-28	31-33	36-38	41-43	46-48	51-53	58.8			
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
2/21/02	NI[7]	NI	NI	NI	NI	NI	NI			
4/4-5/02	NI	NI	NI	NI	NI	NI	NI			
7/24/02	NI	NI	NI	NI	NI	NI	NI			
8/16/02	NI	NI	NI	NI	NI	NI	NI			
9/13/02	NI	NI	NI	NI	NI	NI	NI			
10/17/02	NM	NM	NM	NM	NM	NM	NM			
11/21-22/02	DRY	193.77	193.72	193.77	193.72	193.72	DRY			
1/27/03	DRY	194.29	194.30	194.30	194.27	194.27	194.26			

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Table 2. Historical ground-water elevations in CMT (continuous multi-channel) wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (CMT 4)									
Elevation of Measuring Point (ft. AMSL)[1]	CMT 4-1	CMT 4-2	CMT 4-3	CMT 4-4	CMT 4-5	CMT 4-6	CMT 4-7			
	223.12	223.12	223.12	223.12	223.12	223.12	223.12			
Screened Interval (ft BLS)[3]	23-26	29-32	35-37	40-42	45-48	51-54	55.80			
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
2/21/02	NI	NI	NI	NI	NI	NI	NI			
4/4-5/02	NI	NI	NI	NI	NI	NI	NI			
7/24/02	NI	NI	NI	NI	NI	NI	NI			
8/16/02	NI	NI	NI	NI	NI	NI	NI			
9/13/02	NI	NI	NI	NI	NI	NI	NI			
10/17/02	NM	NM	NM	NM	NM	NM	NM			
11/21-22/02	DRY	193.89	193.92	193.92	193.91	193.89	193.91			
1/27/03	DRY	194.42	194.43	194.42	194.41	194.40	194.41			

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Table 2. Historical ground-water elevations in CMT (continuous multi-channel) wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (CMTs 5, 6, & 7)[8]									
Elevation of Measuring Point (ft. AMSL)[1]	CMT 5-1	CMT 5-2	CMT 5-3	CMT 6-1	CMT 6-2	CMT 7-1	CMT 7-2			
	210.74	210.74	210.74	221.35	221.35	221.70	221.70			
Screened Interval (ft BLS)[3]	21-24	28-31	35-38	26-30	36-52	26-30	36-52			
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
2/21/02	NI	NI	NI	NI	NI	NI	NI			
4/4-5/02	NI	NI	NI	NI	NI	NI	NI			
7/24/02	NI	NI	NI	NI	NI	NI	NI			
8/16/02	NI	NI	NI	NI	NI	NI	NI			
9/13/02	NI	NI	NI	NI	NI	NI	NI			
10/17/02	193.80	193.82	193.82	193.83	193.82	193.87	193.87			
11/21-22/02	194.17	194.18	194.19	193.86[9]	193.86[9]	193.55[9]	193.55[9]			
1/27-28/03	194.73	194.73	194.74	193.71	185.54	194.29	186.09			

Notes:

[1] Feet above mean sea level

[2] A bentonite plug probably surrounds the screen.

[3] Feet below land surface

[4] DRY - Well had insufficient water to collect a sample.

[5] Erroneous water level; most likely caused by accumulation of water inside the port during well construction.

[6] NM - Not measured - CMT well 1 was the only well selected for measuring ground-water depths on 4/4/02

[7] NI - Not Installed; CMT well 3 was installed on 10/17/02, CMT 4 on 10/16/02, CMT 5 on 10/9/02, CMT 6 on 10/15/02, and CMT 7 on 10/8/02.

[8] CMT wells 5, 6, and 7 are observation wells.

[9] Ground-water depths in CMT wells 6 and 7, which were installed during the step tests at aquifer-test well PW-1, were measured with an electric water-level indicator on 11/22/02.

Table 3. Results of analyses[1] of surface-water samples collected at compliance points and monitoring points (as defined in the approved Interim Corrective Measures Report); January and February 2003 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 3.]

	CP-1	CP-2	CP-3	MP-1	MP-2
	(former SW-3)	(former SW-8)	(former SW-10)	(former SW-2)	(former SW-5)
	Concentrations are expressed in micrograms/liter				
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
	175 µg/l TCE Action level for Kilby Ditch[3]				
July 24, 2000 (No storm events several days prior to sampling)					
Trichloroethylene	10.2	----	----	15	----
Vinyl Chloride	ND[4]	----	----	ND	----
cis,1,2-Dichloroethene	2.8	----	----	2.5	----
Chloroform	ND	----	----	3.2	----
Toluene	ND	----	----	13.4	----
August 2, 2000 (Storm event during sampling)					
Trichloroethylene	ND	----	----	ND	----
August 11, 2000 (Storm event prior evening - August 10, 2000)					
Trichloroethylene	2.1	----	----	ND	----
Vinyl Chloride	ND	----	----	ND	----
Toluene	ND	----	----	1.1	----
September 18, 2000					
Trichloroethylene	2.1	----	----	ND	----
Vinyl Chloride	ND	----	----	ND	----
Chloroform	10.3	----	----	41.6	----
Bromodichloromethane	1.8	----	----	6.2	----
Dibromochloromethane	ND	----	----	1.5	----

Continued on next page

Table 3. Results of analyses[1] of surface-water samples collected at compliance points and monitoring points (as defined in the approved Interim Corrective Measures Report); January and February 2003 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 3.]

	CP-1	CP-2	CP-3	MP-1	MP-2
	(former SW-3)	(former SW-8)	(former SW-10)	(former SW-2)	(former SW-5)
	Concentrations are expressed in micrograms/liter				
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
	175 µg/l TCE Action level for Kilby Ditch[3]				
November 9, 2000 (Storm event during sampling)					
Trichloroethylene	ND	----	----	ND	----
Vinyl Chloride	ND	----	----	ND	----
December 15, 2000					
Trichloroethylene	8.1	----	----	ND	----
Vinyl Chloride	ND	----	----	ND	----
Toluene	ND	----	----	2.5	----
January 31, 2001					
Trichloroethylene	17.4	----	----	34.5	----
Vinyl Chloride	ND	----	----	ND	----
Chloroform	ND	----	----	1.3	----
February 27, 2001					
Trichloroethylene	21.1	----	----	100	----
Vinyl Chloride	ND	----	----	ND	----
1,1-Dichloroethene	ND	----	----	1.1	----
cis,1,2-Dichloroethene	1.4	----	----	1.5	----
Chloroform	ND	----	----	1.2	----

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Table 3. Results of analyses[1] of surface-water samples collected at compliance points and monitoring points (as defined in the approved Interim Corrective Measures Report); January and February 2003 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 3.]

	CP-1	CP-2	CP-3	MP-1	MP-2
	(former SW-3)	(former SW-8)	(former SW-10)	(former SW-2)	(former SW-5)
	Concentrations are expressed in micrograms/liter				
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
	175 µg/l TCE Action level for Kilby Ditch[3]				
March 30, 2001					
Trichloroethylene	68.0	51.9	19.7	156	157
Vinyl Chloride	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	2.0	1.1
cis,1,2-Dichloroethene	ND	1.0	ND	ND	ND
April 26, 2001					
Trichloroethylene	66.6	46.4	16.7	156	88.8
Vinyl Chloride	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	2.0	1.0
cis,1,2-Dichloroethene	ND	1.5	ND	ND	ND
May 25, 2001					
Trichloroethylene	24.3	23.8	21.7	140	95.5
Vinyl Chloride	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	1.6	ND
cis,1,2-Dichloroethene	ND	ND	ND	ND	1.1
June 21, 2001					
Trichloroethylene	39.6	19.4	9.8	118	87.9
Vinyl Chloride	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	1.2	ND
cis,1,2-Dichloroethene	ND	ND	ND	ND	1.2
Chloroform	ND	ND	ND	3.4	ND

Continued on next page

Table 3. Results of analyses[1] of surface-water samples collected at compliance points and monitoring points (as defined in the approved Interim Corrective Measures Report); January and February 2003 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 3.]

	CP-1	CP-2	CP-3	MP-1		MP-2
	(former SW-3)	(former SW-8)	(former SW-10)	(former SW-2)		(former SW-5)
	Concentrations are expressed in micrograms/liter					
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]		1.0 µg/l [2]
	175 µg/l TCE Action level for Kilby Ditch[3]					
July 24, 2001						
Trichloroethylene	46.0	25.4	5.9	154		68.2
Vinyl Chloride	ND	ND	ND	ND		ND
1,1-Dichloroethene	ND	ND	ND	1.5		ND
cis,1,2-Dichloroethene	ND	1.3	ND	ND		1.0
August 17, 2001						
Trichloroethylene	39.9	18.4	5.6	191		66.6
Vinyl Chloride	ND	ND	ND	ND		ND
1,1-Dichloroethene	ND	ND	ND	1.2		1.7
August 22, 2001 (3:30 p.m.)				**SW-2A**	**SW-2B**	
Trichloroethylene	----	----	----	87.3	195	63.3
Vinyl Chloride	----	----	----	1.8	ND	ND
1,1-Dichloroethene	----	----	----	ND	2.4	ND
cis,1,2-Dichloroethene	----	----	----	9.1	ND	1.4
Chloroform	----	----	----	ND	ND	ND
August 22, 2001 (9:55 p.m.)				**SW-2A**	**SW-2B**	
Trichloroethylene	----	----	----	143	174	69.3
Chloromethane	----	----	----	1.2	ND	2.3
Vinyl Chloride	----	----	----	2.9	ND	ND
1,1-Dichloroethene	----	----	----	1.5	2.1	ND
cis,1,2-Dichloroethene	----	----	----	16.8	ND	1.5
Chloroform	----	----	----	ND	ND	ND

Continued on next page

Table 3. Results of analyses[1] of surface-water samples collected at compliance points and monitoring points (as defined in the approved Interim Corrective Measures Report); January and February 2003 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 3.]

	CP-1	CP-2	CP-3	MP-1		MP-2
	(former SW-3)	(former SW-8)	(former SW-10)	(former SW-2)		(former SW-5)
	Concentrations are expressed in micrograms/liter					
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]		1.0 µg/l [2]
	175 µg/l TCE Action level for Kilby Ditch[3]					
August 23, 2001 (8:30 a.m.)				**SW-2A**	**SW-2B**	
Trichloroethylene	----	----	----	116	146	----
Chloromethane	----	----	----	ND	ND	----
Vinyl Chloride	----	----	----	2.8	ND	----
1,1-Dichloroethene	----	----	----	1.2	1.6	----
cis,1,2-Dichloroethene	----	----	----	13.8	ND	----
Chloroform	----	----	----	ND	ND	----
September 20, 2001[5]				**SW-2A**	**SW-2B**	
Trichloroethylene	33.0	23.0	7.0	88.3	156	69.2
Chloromethane	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	1.6	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	1.5	ND
cis,1,2-Dichloroethene	ND	ND	ND	8.4	ND	1.2
Chloroform	1.6	3.3	ND	1.6	3.4	1.5
October 10, 2001				**SW-2A**	**SW-2B**	
Trichloroethylene	19.9	17.2	3.0	87.2	115	49.3
Vinyl Chloride	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND
cis,1,2-Dichloroethene	ND	1.5	ND	5.6	ND	ND

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Table 3. Results of analyses[1] of surface-water samples collected at compliance points and monitoring points (as defined in the approved Interim Corrective Measures Report); January and February 2003 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 3.]

	CP-1	CP-2	CP-3	MP-1		MP-2
	(former SW-3)	(former SW-8)	(former SW-10)	(former SW-2)		(former SW-5)
	Concentrations are expressed in micrograms/liter					
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]		1.0 µg/l [2]
	175 µg/l TCE Action level for Kilby Ditch[3]					
November 8, 2001				**SW-2A**	**SW-2B**	
Trichloroethylene	39.2	33.5	9.0	106	130	91.8
Vinyl Chloride	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	1.0	1.1	ND
cis,1,2-Dichloroethene	ND	1.5	ND	5.7	ND	1.5
December 4, 2001				**SW-2A**	**SW-2B**	
Trichloroethylene	37.3	21.0	ND	107	27.5	79.0
Vinyl Chloride	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND
cis,1,2-Dichloroethene	ND	1.5J[6]	ND	1.1J	2.1J	1.4J
Chloroform	ND	ND	ND	ND	1.7J	ND
January 7, 2002				**SW-2A**	**SW-2B**	
Trichloroethylene	47.5	8.6J	4.8J	28.6	30.1	14.4J
Vinyl Chloride	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND
February 13, 2002				**SW-2A**	**SW-2B**	
Trichloroethylene	82.6	42.9	5.9J	226	158	129
Vinyl Chloride	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	2.3J	2.1J	ND
cis,1,2-Dichloroethene	ND	ND	ND	ND	7.1J	1.2J
Chloroform	ND	ND	ND	ND	ND	ND

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Table 3. Results of analyses[1] of surface-water samples collected at compliance points and monitoring points (as defined in the approved Interim Corrective Measures Report); January and February 2003 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 3.]

	CP-1	CP-2	CP-3	MP-1		MP-2
	(former SW-3)	(former SW-8)	(former SW-10)	(former SW-2)		(former SW-5)
	Concentrations are expressed in micrograms/liter					
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]		1.0 µg/l [2]
	175 µg/l TCE Action level for Kilby Ditch[3]					
March 19, 2002				**SW-2A**	**SW-2B**	
Trichloroethylene	66.2	47.7	11.0J	27.3	182	102
Vinyl Chloride	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	2.9J	ND
cis,1,2-Dichloroethene	1.2J	1.3J	ND	2.2J	2.5J	1.7J
Chloroform	ND	ND	ND	2.2J	ND	ND
April 19, 2002				**SW-2A**	**SW-2B**	
Trichloroethylene	64.1	ND	ND	156	40.5	89.8
Vinyl Chloride	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	2.2J	4.0J	ND
cis,1,2-Dichloroethene	1.4J	ND	ND	ND	2.7J	2.0J
Chloroform	ND	ND	ND	ND	1.4J	ND
May 20, 2002				**SW-2A**	**SW-2B**	
Trichloroethylene	28.3	13.6J	4.9J	105	35.9	42.3
Vinyl Chloride	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	1.4J	ND	ND
cis,1,2-Dichloroethene	1.1J	1.3J	ND	1.8J	3.8J	1.6J
Chloroform	ND	ND	ND	ND	ND	ND
June 13, 2002				**SW-2A**	**SW-2B**	
Trichloroethylene	7.5J	8.5J	3.1J	111	45.6	47.5
Vinyl Chloride	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	1.4J	ND	ND
cis,1,2-Dichloroethene	ND	1.6J	ND	1.1J	4.7J	3.5J
Chloroform	1.0J	ND	ND	ND	1.1J	2.9J

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Table 3. Results of analyses[1] of surface-water samples collected at compliance points and monitoring points (as defined in the approved Interim Corrective Measures Report); January and February 2003 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 3.]

	CP-1	CP-2	CP-3	MP-1		MP-2
	(former SW-3)	(former SW-8)	(former SW-10)	(former SW-2)		(former SW-5)
	Concentrations are expressed in micrograms/liter					
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]		1.0 µg/l [2]
	175 µg/l TCE Action level for Kilby Ditch[3]					
July 11, 2002				SW-2A	SW-2B	
Trichloroethylene	22.4	3.8J	ND	96.8	43.5	3.6J
Vinyl Chloride	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	1.0J	ND	ND
cis,1,2-Dichloroethene	3.6J	ND	ND	9.8J	2.1J	ND
Chloroform	ND	ND	ND	ND	ND	ND
August 14, 2002[7]						
Trichloroethylene	3.3J	7.1J	ND	19.6J		8.1J
Vinyl Chloride	ND	ND	ND	ND		ND
1,1-Dichloroethene	ND	ND	ND	ND		ND
cis,1,2-Dichloroethene	ND	1.2J	ND	3.5J		2.0J
Chloroform	1.8J	ND	ND	1.3J		1.3J
October 15, 2002[8]						
Trichloroethylene	1.3J	1.3J	ND	1.6J		5.5J
Vinyl Chloride	ND	ND	ND	ND		ND
1,1-Dichloroethene	ND	ND	ND	ND		ND
cis,1,2-Dichloroethene	ND	ND	ND	ND		ND
Chloroform	ND	ND	ND	ND		ND
January 10, 2003						
Trichloroethylene	37.0	28.1	7.8J	50.3		59.4
Vinyl Chloride	ND	ND	ND	ND		ND
1,1-Dichloroethene	ND	ND	ND	ND		ND
cis,1,2-Dichloroethene	2.3J	1.4J	ND	1.9J		3.6J
Chloroform	ND	ND	ND	1.7J		ND

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Table 3. Results of analyses[1] of surface-water samples collected at compliance points and monitoring points (as defined in the approved Interim Corrective Measures Report); January and February 2003 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 3.]

	CP-1	CP-2	CP-3	MP-1	MP-2
	(former SW-3)	(former SW-8)	(former SW-10)	(former SW-2)	(former SW-5)
	Concentrations are expressed in micrograms/liter				
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
	175 µg/l TCE Action level for Kilby Ditch[3]				
February 7, 2003					
Trichloroethylene	14.5J	9.3J	3.6J	22.0	36.1
Vinyl Chloride	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	1.1J
cis,1,2-Dichloroethene	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND

Notes:

---- Sample point not included in sampling plan.

[1] Samples were analyzed by **TTL, Inc**. in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

[2] MDL - Method Detection Limit of 1.0 microgram per liter (µg/L) for the laboratory analyses

[3] The ADEM (Alabama Department of Environmental Management) action level for trichloroethene (TCE) in the Kilby Ditch is 175 µg/l. The TCE concentration in the surface water samples will be in compliance with the proposed action level for the Kilby Ditch if 90% of the compliance monitoring sample results are at or below 175 µg/l.

[4] ND - Not detected

[5] Location SW-2, which has historically been a single sample from the dual pipes under Coliseum Boulevard, was sampled as two separate locations [SW-2A (north) and SW-B (south)] beginning September 20, 2001.

[6] J - Concentration below calibration curve, but above detection limit

[7] Monitoring point MP-1 is at midpoint of former sampling locations SW-2A and SW-2B.

[8] Surface water sampling was changed from monthly to quarterly sample collection in accordance with the Interim Corrective Measures Report dated September 2001, revised February and July 2002.

Table 4. Surface water quarterly field parameters[1] (temperature, pH, conductivity, dissolved oxygen, and turbidity); January and February 2003 Status Report; Coliseum Boulevard Plume Project; Montgomery, Alabama.

Sample Identifier[2]	Former Location Identifier	Sample Date	Temperature °C[3]	Conductance (µmhos) [4]	pH (s.u.) [5]	Dissolved Oxygen (mg/L) [6]	Turbidity (ntu) [7]
CP-1	SW-3	8/14/2002	33.70	197	8.38	7.92	6.0
		10/15/2002	19.20	126	8.26	8.05	10.5
		1/10/2003	16.21	108	7.02	13.1	3.0
		2/7/2003	9.20	102	6.82	NS[8]	15.5
CP-2	SW-8	8/14/2002	28.54	214	7.41	5.25	16.7
		10/15/2002	18.64	122	7.45	5.71	15.9
		1/10/2003	13.77	115	6.31	12.6	7.1
		2/7/2003	9.40	101	6.35	NS	22.0
CP-3	SW-10	8/14/2002	28.40	188	7.10	4.95	14.8
		10/15/2002	18.17	111	7.24	5.76	15.8
		1/10/2003	14.15	111	6.37	12.4	4.0
		2/7/2003	9.20	93.0	6.00	NS	14.1
MP-1	SW-2	8/14/2002	27.27	202	7.09	5.62	9.5
		10/15/2002	20.10	139	7.34	9.15	30.2
		1/10/2003	16.60	100	6.36	10.8	3.5
		2/7/2003	11.30	102	6.80	NS	14.2
MP-2	SW-5	8/14/2002	33.86	212	7.48	6.01	2.0
		10/15/2002	19.19	159	7.22	7.95	15.5
		1/10/2003	15.15	112	6.59	12.0	12.2
		2/7/2003	10.20	112	6.48	NS	24.3

Notes:

[1] All field parameters were measured with a YSI multi-parameter (556 MPS) meter.
[2] CP - Compliance Point; MP - Monitoring Point
[3] °C - Degrees Celsius
[4] µmhos - Micromhos
[5] s.u. - standard units
[6] mg/L - milligrams per liter
[7] ntu - nephelometric turbidity units
[8] Dissolved oxygen was inadvertently not measured on February 7, 2003.

Table 5. Construction characteristics of deep zone monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Well I.D.	Location	Date Augered/ Constructed	Total Depth (ft. BLS)[1]	Diameter of Borehole (Inches)	Diameter of 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)
MW-339	ALDOT Materials & Tests	1/20/03; 1/21/03 1/24/03	75 119	10.25 6.25	8[2] 2[3]	-- 99-108.5	-- 0.010	-- 96-109.5	-- 93-96 109.5-119	0.5-75 0.5-93
MW-340	Broadway St.	1/30/03 2/3/03	62 99	10.25 6.25	8[2] 2[3]	-- 81.5-91	-- 0.010	-- 79.5-92	-- 76.5-79.5 92-99	0.5-62 0.5-76.5
MW-341	East Park Ave.	1/29/03 1/30/03; 2/3/03	48.5 59	10.25 6.25	8[2] 2[3]	-- 50-54.5	-- 0.010	-- 49-55	-- 47-49 55-59	0.5-48.5 0.5-47
MW-342	Chisholm St.	1/22/03 1/28/03	66 89	10.25 6.25	8[2] 2[3]	-- 81.5-86	-- 0.010	-- 78-87	-- 75-78 87-89	0.5-66 0.5-75

Notes:

[1] ft BLS - Feet below land surface

[2] Permanent steel casing

[3] PVC casing

Table 6. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample ID	Sample Date	Trichloroethylene 1.0 µg/l [2]	Chloromethane 1.0 µg/l [2]	Vinyl Chloride 1.0 µg/l [2]	1,1,1-Trichloroethane 1.0 µg/l [2]	1,1-Dichloroethane 1.0 µg/l [2]	1,1-Dichloroethene 1.0 µg/l [2]	Bromodichloromethane 1.0 µg/l [2]	Carbon Tetrachloride 1.0 µg/l [2]	Chloroform 1.0 µg/l [2]	cis-1,2-Dichloroethene 1.0 µg/l [2]	Dibromochloromethane 1.0 µg/l [2]	Tetrachloroethylene 1.0 µg/l [2]	Methylene Chloride 1.0 µg/l [2]	Benzene 1.0 µg/l [2]	Toluene 1.0 µg/l [2]	Bromoform 1.0 µg/l [2]
MW-1A	11/18/1999	952	ND[3] (<10.0)	ND (<2.0)	ND (<5.0)	ND (<5.0)	4.79	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-1A	4/11/2002	1,140	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	6.1J[4]	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-1A	7/12/2002	1,130	ND	ND	ND	ND	5.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-1A	10/8/2002	1,170	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	6.6J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	7.3J	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-1A dup[5]	10/8/2002	1,100	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	6.1J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	7.3J	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-1A	2/18/2003	1,080	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	5.9J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-2A	11/18/1999	12.46	ND (<10.0)	ND (<2.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	1.12	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-2A	4/15/2002	14.6J	ND	ND	ND	ND	1.1J	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND
MW-2A	7/11/2002	16.6J	1.1J	ND	ND	ND	1.2J	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND
MW-2A	10/9/2002	16.2J	ND	ND	ND	ND	1.1J	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND
MW-2A	1/14/2003	12.8J	ND	ND	ND	ND	1.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-3A	11/18/1999	297	ND (<10.0)	ND (<2.0)	ND (<5.0)	ND (<5.0)	17.72	ND (<5.0)	ND (<5.0)	1.05	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-3A	4/11/2002	279	ND	ND	ND	ND	6.3J	ND	3.0J	ND	ND	ND	ND	ND	ND	ND	ND
MW-3A	7/12/2002	167	ND	ND	ND	ND	5.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-3A	10/9/2002	365	ND	ND	ND	ND	24.3	ND	6.1J	1.3J	ND	ND	ND	ND	ND	ND	ND
MW-3A	1/14/2003	240	1.0J	ND	ND	ND	41.8	ND	7.2J	1.2J	ND	ND	ND	ND	ND	ND	ND
MW-4A	11/17/1999	ND (<5.0)	ND (<10.0)	ND (<2.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-4A	4/11/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-4A	7/12/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-4A	10/9/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-4A dup	10/9/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-4A	1/13/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-4A dup	1/13/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-5A	11/18/1999	30.1	ND (<10.0)	ND (<2.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	17.92	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-5A	4/11/2002	37.6	ND	ND	ND	ND	ND	ND	ND	ND	7.0J	ND	ND	ND	ND	ND	ND
MW-5A dup	4/11/2002	34.6	ND	ND	ND	ND	ND	ND	ND	ND	7.4J	ND	ND	ND	ND	ND	ND
MW-5A	7/12/2002	25.7	1.3J	ND	ND	ND	ND	ND	ND	ND	8.8J	ND	ND	ND	ND	ND	ND
MW-5A	10/9/2002	18.5J	ND	ND	ND	ND	ND	ND	ND	ND	9.1J	ND	ND	ND	ND	ND	ND
MW-5A	1/14/2003	16.9J	ND	ND	ND	ND	ND	ND	ND	ND	6.2J	ND	ND	ND	ND	ND	ND
MW-5A dup	1/14/2003	17.7J	ND	ND	ND	ND	ND	ND	ND	ND	6.7J	ND	ND	ND	ND	ND	ND
MW-101	5/24/2001	133	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-101	8/1/2001	101	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-101	4/10/2002	62.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-101	7/10/2002	41.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-101	10/8/2002	43.9	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-101 dup	10/8/2002	46.1	1.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-101	1/13/2003	17.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-201	5/24/2001	797	ND	ND	ND	ND	4.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-201	8/1/2001	914	ND	ND	ND	ND	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-201	4/10/2002	971	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	4.4J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-201	7/10/2002	936	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	3.9J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-201	10/8/2002	1,050	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	5.1J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-201	1/13/2003	1,080	ND	ND	ND	ND	4.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 6. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample ID	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Bromodichloromethane	Carbon Tetrachloride	Chloroform	cis-1,2-Dichloroethene	Dibromochloromethane	Tetrachloroethylene	Methylene Chloride	Benzene	Toluene	Bromoform
		1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
MW-102	5/23/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-102	8/2/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-102	4/10/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-102	7/10/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-102	10/8/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-102	1/13/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-202	5/23/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5	ND	ND
MW-202	8/1/2001	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-202	4/10/2002	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1J	ND	ND
MW-202	7/10/2002	1.3J	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-202	10/8/2002	1.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-202	1/13/2003	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-103	6/7/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-103	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-103	4/10/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-103 dup	4/10/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-103	7/10/2002	ND	1.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-103	10/8/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-103	1/13/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-203	5/24/2001	946	ND	ND	ND	ND	5.1	ND	ND	ND	1.7	ND	ND	ND	ND	ND	ND
MW-203	8/2/2001	1,060	ND	ND	ND	ND	5.8	ND	ND	ND	2.4	ND	ND	ND	ND	ND	ND
MW-203	4/10/2002	1,110	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	5.0J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-203	7/11/2002	1,060	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	5.4J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-203	10/8/2002	1,110	ND	ND	ND	ND	4.3J	ND	ND	ND	ND	ND	ND	1.7J	ND	ND	ND
MW-203	1/13/2003	1,270	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	8.9J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-104	1/22/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-104	4/8/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-104	7/8/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-104	10/2/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-104	1/8/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-204	11/9/2001	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND
MW-204	4/8/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-204	7/8/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-204	10/2/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-204	1/8/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-204 dup	1/8/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-304	10/29/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-304	4/15/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-304	7/8/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-304	10/2/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-304	1/8/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 6. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample ID	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Bromodichloromethane	Carbon Tetrachloride	Chloroform	cis-1,2-Dichloroethene	Dibromochloromethane	Tetrachloroethylene	Methylene Chloride	Benzene	Toluene	Bromoform
		1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
MW-105	10/31/2001	28.6	ND	ND	ND	ND	ND	ND	ND	2.2	ND	ND	ND	ND	ND	ND	ND
MW-105	11/16/2001	28.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-105	4/8/2002	7.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-105	7/8/2002	19.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-105	10/1/2002	36.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND
MW-105	2/18/2003	13.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-205	10/31/2001	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND
MW-205	4/8/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-205 dup	4/8/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-205	7/8/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-205 dup	7/8/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-205	10/1/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-205 dup	10/1/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-205	2/18/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-106	11/17/2001	1,730	ND	ND	14.6	3.4	12.5	ND	7.4	4.0	7.2	ND	1.1	ND	ND	ND	ND
MW-106	4/4/2002	1,860	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	17.6J	ND (<5.0)	ND (<5.0)	11.5B[6]	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-106	7/9/2002	1,900	ND	ND	ND	ND	8.7J	ND	ND	ND	18.2J	ND	ND	ND	ND	ND	ND
MW-106	10/3/2002	1,690	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	13.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-106	1/6/2003	2,570	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	12.0J	40.7J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-206	11/8/2001	1.3	ND	ND	ND	ND	ND	ND	ND	3.6	ND	ND	ND	ND	ND	ND	ND
MW-206	4/5/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7B	ND	ND	ND
MW-206	7/9/2002	ND	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-206	10/3/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND
MW-206	1/6/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-107	11/16/2001	233	ND	ND	ND	ND	1.3	ND	ND	2.4	ND	ND	ND	ND	ND	ND	ND
MW-107	4/4/2002	141	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.8J	ND	ND	ND
MW-107	7/9/2002	114	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-107	10/2/2002	76.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-107	1/7/2003	166	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-207	11/16/2001	259	ND	ND	ND	ND	6.0	1.2	ND	5.8	ND	ND	ND	ND	ND	ND	ND
MW-207	4/4/2002	226	ND	ND	ND	ND	5.8J	ND	ND	1.6J	ND	ND	ND	1.8B	ND	ND	ND
MW-207	7/9/2002	108	ND	ND	ND	ND	3.9J	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND
MW-207	10/2/2002	87.0	ND	ND	ND	ND	3.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-207	1/7/2003	101	ND	ND	ND	ND	3.7J	ND	1.3J	ND	ND	ND	ND	ND	ND	ND	ND
MW-108	11/17/2001	227	ND	ND	ND	ND	ND	ND	ND	ND	6.5	ND	ND	ND	ND	ND	ND
MW-108	4/5/2002	169	ND	ND	ND	ND	ND	ND	ND	ND	4.1J	ND	ND	1.7B	ND	ND	ND
MW-108	7/9/2002	181	1.5J	ND	ND	ND	ND	ND	ND	ND	4.0J	ND	ND	ND	ND	ND	ND
MW-108	10/2/2002	218[7]	ND	ND[7]	ND	ND	ND	ND	ND	ND	2.2J[7]	ND	ND	ND	ND	ND	ND[7]
MW-108	1/7/2003	126	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-208	11/16/2001	342	ND	ND	ND	ND	1.6	ND	ND	1.3	ND	ND	ND	ND	ND	ND	ND
MW-208	4/5/2002	328	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	1.6B	ND	ND	ND
MW-208	7/9/2002	338	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-208	10/2/2002	340	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-208	1/7/2003	306	ND	ND	ND	ND	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 6. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample ID	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Bromodichloromethane	Carbon Tetrachloride	Chloroform	cis-1,2-Dichloroethene	Dibromochloromethane	Tetrachloroethylene	Methylene Chloride	Benzene	Toluene	Bromoform
		1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
MW-109	11/30/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-109	4/15/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6B	ND	ND	ND
MW-109	7/9/2002	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-109	10/2/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-109	1/7/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-109 dup	1/7/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-209	11/30/2001	ND	ND	ND	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND
MW-209	4/15/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6B	ND	ND	ND
MW-209	7/9/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-209	10/2/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-209	1/7/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-210	11/8/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.6	ND	ND	ND	ND	ND	ND
MW-210	4/16/2002	18.8J	ND	ND	ND	ND	ND	ND	ND	ND	15.9J	ND	ND	ND	ND	ND	ND
MW-210	7/15/2002	ND	2.2J	ND	ND	ND	ND	ND	ND	ND	7.6J	ND	ND	ND	ND	ND	ND
MW-210 dup	7/15/2002	1.2J	2.1J	ND	ND	ND	ND	ND	ND	ND	7.7J	ND	ND	ND	ND	ND	ND
MW-210	10/3/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	13.8J	ND	ND	ND	ND	ND	ND
MW-210	1/7/2003	34.0	ND	ND	ND	ND	ND	ND	ND	ND	14.4J	ND	ND	ND	ND	ND	ND
MW-111	11/17/2001	12.0	ND	ND	ND	ND	ND	ND	ND	21.0	ND	ND	ND	ND	ND	ND	ND
MW-111	4/18/2002	20.9	ND	ND	ND	ND	ND	ND	ND	6.0J	ND	ND	ND	1.6B	ND	ND	ND
MW-111	7/17/2002	18.7J	1.2J	ND	ND	ND	ND	ND	ND	18.0J	ND	ND	ND	ND	ND	ND	ND
MW-111	10/10/2002	24.8	ND	ND	ND	ND	ND	ND	ND	4.6J	ND	ND	ND	ND	ND	ND	ND
MW-111	1/16/2003	28.7	ND	ND	ND	ND	1.2J	ND	ND	5.3J	ND	ND	ND	ND	ND	ND	ND
MW-211	11/18/2001	22.4	ND	ND	ND	ND	2.3	ND	ND	21.0	ND	ND	ND	ND	ND	ND	ND
MW-211	4/18/2002	22.7	ND	ND	ND	ND	1.8J	ND	ND	ND	ND	ND	ND	1.5B	ND	ND	ND
MW-211	7/17/2002	23.4	1.3J	ND	ND	ND	1.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-211	10/10/2002	18.7J	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-211	1/16/2003	22.5	ND	ND	ND	ND	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-311	2/14/2002	ND	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND
MW-311	4/18/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-311	7/17/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-311	10/11/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-311	1/16/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-112	12/12/2001	ND	ND	ND	ND	ND	ND	ND	ND	2.0J	ND	ND	ND	ND	ND	ND	ND
MW-112	4/17/2002	ND	1.1J	ND	ND	ND	ND	ND	ND	1.7J	ND	ND	ND	2.2B	ND	ND	ND
MW-112	7/16/2002	ND	1.3J	ND	ND	ND	ND	ND	ND	1.5J	ND	ND	ND	ND	ND	ND	ND
MW-112	10/4/2002	ND	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND
MW-112	1/17/2003	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND
MW-212	12/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-212	4/17/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.4B	ND	ND	ND
MW-212	7/16/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-212	10/4/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-212	1/17/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 6. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample ID	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Bromodichloromethane	Carbon Tetrachloride	Chloroform	cis-1,2-Dichloroethene	Dibromochloromethane	Tetrachloroethylene	Methylene Chloride	Benzene	Toluene	Bromoform
		1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
MW-113	1/16/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-113	4/16/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-113 dup	4/16/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-113	7/15/2002	ND	2.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-113	10/3/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-113	2/17/2003	ND	1.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-213	1/16/2002	131	ND	ND	ND	ND	7.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-213	4/16/2002	101	ND	ND	ND	ND	3.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-213	7/15/2002	102	1.6J	ND	ND	ND	5.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-213	10/2/2002	114	ND	ND	ND	ND	6.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-213 dup	10/2/2002	113	ND	ND	ND	ND	6.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-213	2/17/2003	81.3	1.3J	ND	ND	ND	6.7J	ND	1.7J	ND	ND	ND	ND	ND	ND	ND	ND
MW-214	1/31/2002	ND	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-214A	1/11/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-214A dup	1/11/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-214A	4/19/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-214A	7/15/2002	ND	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-214A	10/3/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-214A	1/10/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-115	1/4/2002	ND	ND	ND	ND	ND	ND	2.3J	ND	40.4	ND	ND	ND	ND	ND	ND	ND
MW-115	4/19/2002	3.2J	ND	ND	ND	ND	ND	ND	ND	44.2	ND	ND	ND	ND	ND	ND	ND
MW-115	7/18/2002	ND	1.7J	ND	ND	ND	ND	ND	ND	18.0J	ND	ND	ND	ND	ND	ND	ND
MW-115	10/14/2002	ND	ND	ND	ND	ND	ND	1.9J	ND	26.0	ND	ND	ND	ND	ND	ND	ND
MW-115	1/9/2003	ND	ND	ND	ND	ND	ND	ND	ND	7.3J	ND	ND	ND	ND	ND	ND	ND
MW-215	1/4/2002	3.8J	ND	ND	ND	ND	1.8J	5.4J	ND	44.0	ND	1.1J	ND	ND	ND	ND	1.1J
MW-215	4/22/2002	5.4J	ND	ND	ND	ND	1.8J	3.3J	ND	37.0	ND	ND	ND	ND	ND	ND	ND
MW-215	7/18/2002	4.0J	ND	ND	ND	ND	1.5J	3.4J	ND	49.2	ND	ND	ND	ND	ND	ND	ND
MW-215	10/14/2002	6.1J	ND	ND	ND	ND	1.4J	1.3J	ND	39.3	ND	ND	ND	ND	ND	ND	ND
MW-215	1/9/2003	6.7J	ND	ND	ND	ND	2.3J	ND	ND	32.0	ND	ND	ND	ND	ND	ND	ND
MW-116	12/7/2001	8.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-116	4/17/2002	6.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.4B	ND	ND	ND
MW-116	7/16/2002	7.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-116	10/4/2002	6.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-116	1/10/2003	5.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-216	12/11/2001	12.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-216 dup	12/11/2001	12.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-216	4/17/2002	15.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.4B	ND	ND	ND
MW-216	7/16/2002	16.2J	1.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-216	10/4/2002	19.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-216	1/10/2003	25.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 6. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample ID	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Bromodichloromethane	Carbon Tetrachloride	Chloroform	cis-1,2-Dichloroethene	Dibromochloromethane	Tetrachloroethylene	Methylene Chloride	Benzene	Toluene	Bromoform
		1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
MW-117	1/30/2002	43.1	ND	ND	ND	ND	1.6J	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND
MW-117	4/18/2002	42.0	ND	ND	ND	ND	1.4J	ND	ND	1.1J	ND	ND	ND	1.5B	ND	ND	ND
MW-117	7/17/2002	36.3	1.5J	ND	ND	ND	1.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-117	10/10/2002	38.2	ND	ND	ND	ND	1.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-117	1/16/2003	37.9	ND	ND	ND	ND	1.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-217	1/4/2002	23.3	ND	ND	ND	ND	2.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-217 dup	1/4/2002	24.4	ND	ND	ND	ND	2.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-217	4/18/2002	21.6	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	1.5B	ND	ND	ND
MW-217	7/17/2002	23.2	ND	ND	ND	ND	2.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-217	10/7/2002	26.8	ND	ND	ND	ND	2.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-217	1/16/2003	30.2	ND	ND	ND	ND	2.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-118	12/11/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-118	4/19/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-118	7/18/2002	ND	3.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-118	10/14/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-118	1/10/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-218	12/11/2001	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND
MW-218	4/19/2002	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND
MW-218	7/18/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-218	10/14/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-218	1/10/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-218 dup	1/10/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-219	12/7/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-219	4/16/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-219 dup	4/16/2002	ND	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-219	7/16/2002	ND	2.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-219	10/3/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0J	ND	ND	ND
MW-219	1/7/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-220	12/12/2001	ND	ND	ND	ND	ND	ND	ND	ND	3.2J	ND	ND	ND	ND	ND	ND	ND
MW-220	4/25/2002	ND	ND	ND	ND	ND	ND	ND	ND	2.1J	ND	ND	ND	ND	ND	ND	ND
MW-220	7/17/2002	ND	1.3J	ND	ND	ND	ND	ND	ND	1.3J	ND	ND	ND	ND	ND	ND	ND
MW-220	10/10/2002	ND	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND
MW-220	1/15/2003	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND
MW-221	12/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-221	4/22/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-221	7/19/2002	ND	1.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-221	10/16/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-221	1/10/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 6. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample ID	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Bromodichloromethane	Carbon Tetrachloride	Chloroform	cis-1,2-Dichloroethene	Dibromochloromethane	Tetrachloroethylene	Methylene Chloride	Benzene	Toluene	Bromoform
		1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
MW-122	12/19/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-122	4/25/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-122	7/17/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-122	10/10/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-122	1/15/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-222	12/19/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-222	4/25/2002	ND	1.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-222	7/17/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-222 dup	7/17/2002	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-222	10/10/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-222	1/15/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-123	1/9/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-123	4/17/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6B	ND	ND	ND
MW-123	7/17/2002	ND	2.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-123 dup	7/17/2002	ND	1.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-123	10/7/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-123	1/8/2003	2.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-223	1/9/2002	2.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-223	4/18/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5B	ND	ND	ND
MW-223	7/17/2002	5.8J	1.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-223	10/7/2002	9.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-223	1/8/2003	11.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-124	1/21/2002	38.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-124	4/17/2002	17.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5B	ND	ND	ND
MW-124	7/16/2002	17.9J	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-124	10/7/2002	18.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-124	1/10/2003	15.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-224	1/21/2002	127	ND	ND	ND	ND	14.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-224	4/17/2002	155	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5B	ND	ND	ND
MW-224	7/16/2002	137	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-224	10/7/2002	133	2.7J	ND	ND	ND	ND	ND	ND	ND	1.0J	ND	ND	ND	ND	ND	ND
MW-224	1/15/2003	103	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-125	1/21/2002	2.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-125	4/16/2002	1.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-125	7/16/2002	2.0J	1.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-125 dup	7/16/2002	2.0J	2.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-125	10/4/2002	1.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-125	1/15/2003	2.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-225	1/21/2002	5.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-225 dup	1/21/2002	5.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-225	4/16/2002	4.3J	1.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-225	7/16/2002	3.5J	1.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-225	10/7/2002	4.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-225	1/15/2003	5.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 6. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample ID	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Bromodichloromethane	Carbon Tetrachloride	Chloroform	cis-1,2-Dichloroethene	Dibromochloromethane	Tetrachloroethylene	Methylene Chloride	Benzene	Toluene	Bromoform
		1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
MW-226	1/17/2002	491	ND	ND	ND	ND	2.1J	ND	ND	ND	1.7J	ND	ND	ND	ND	ND	ND
MW-226	4/16/2002	393	ND	ND	ND	ND	1.3J	ND	ND	ND	2.4J	ND	ND	ND	ND	ND	ND
MW-226	7/12/2002	381	ND	ND	ND	ND	1.4J	ND	ND	ND	1.5J	ND	ND	ND	ND	ND	ND
MW-226	10/3/2002	435	ND	ND	ND	ND	1.4J	ND	ND	ND	1.6J	ND	ND	1.1J	ND	ND	ND
MW-226	2/17/2003	361	ND	ND	ND	ND	1.6J	ND	ND	ND	2.4J	ND	ND	ND	ND	ND	ND
MW-227	1/17/2002	603	ND	ND	ND	ND	2.7J	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND
MW-227	4/15/2002	550	1.4J	ND	ND	ND	1.8J	ND	ND	ND	ND	ND	ND	1.7B	ND	ND	ND
MW-227	7/12/2002	741	1.2J	ND	ND	ND	2.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-227	10/14/2002	661	ND	ND	ND	ND	2.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-227	1/15/2003	627	ND	ND	ND	ND	2.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-227 dup	1/15/2003	636	ND	ND	ND	ND	3.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-128	1/4/2002	21.8	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-128	4/18/2002	17.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6B	ND	ND	ND
MW-128	7/18/2002	20.9	1.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-128 dup	7/18/2002	20.9	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-128	10/11/2002	28.7	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-128	1/16/2003	36.2	ND	ND	ND	ND	1.6J	ND	ND	ND	ND	ND	ND	1.0J	ND	ND	ND
MW-228	1/4/2002	87.1	ND	ND	ND	ND	6.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-228	4/18/2002	82.2	1.5J	ND	ND	ND	5.4J	ND	ND	ND	ND	ND	ND	1.5B	ND	ND	ND
MW-228	7/18/2002	72.8	1.6J	ND	ND	ND	5.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-228	10/14/2002	50.4	ND	ND	ND	ND	2.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-228 dup	10/14/2002	49.8	ND	ND	ND	ND	3.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-228	1/16/2003	77.0	ND	ND	ND	ND	6.4J	ND	1.5J	ND	ND	ND	ND	ND	ND	ND	ND
MW-129	1/22/2002	856	ND	ND	ND	ND	4.2J	ND	ND	ND	1.4J	ND	ND	ND	ND	ND	ND
MW-129	4/10/2002	545	ND	ND	ND	ND	1.5J	ND	ND	ND	1.3J	ND	ND	ND	ND	ND	ND
MW-129	7/10/2002	589	ND	ND	ND	ND	2.9J	ND	ND	ND	1.3J	ND	ND	ND	ND	ND	ND
MW-129	10/9/2002	867	ND	ND	ND	ND	3.5J	ND	ND	1.1J	ND	ND	ND	1.6J	ND	ND	ND
MW-129	1/13/2003	718	ND	ND	ND	ND	3.1J	ND	ND	ND	1.1J	ND	ND	ND	ND	ND	ND
MW-229	1/22/2002	275	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-229	4/11/2002	260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-229 dup	4/11/2002	268	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-229	7/10/2002	316	ND	ND	ND	ND	1.2J	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND
MW-229	10/9/2002	357	ND	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND
MW-229	1/13/2003	291	ND	ND	ND	ND	1.1J	ND	ND	ND	1.3J	ND	ND	ND	ND	ND	ND

Table 6. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample ID	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Bromodichloromethane	Carbon Tetrachloride	Chloroform	cis-1,2-Dichloroethene	Dibromochloromethane	Tetrachloroethylene	Methylene Chloride	Benzene	Toluene	Bromoform
		1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
MW-130	1/21/2002	163	ND	ND	ND	ND	ND	ND	ND	ND	1.3J	ND	ND	ND	ND	ND	ND
MW-130	4/22/2002	201	2.6J	ND	ND	ND	6.0J	ND	ND	1.7J	ND	ND	ND	ND	ND	ND	ND
MW-130	7/19/2002	150	1.6J	ND	ND	ND	4.2J	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND
MW-130	10/16/2002	180	ND	ND	ND	ND	5.3J	ND	ND	1.5J	ND	ND	ND	ND	ND	ND	ND
MW-130	1/17/2003	173	ND	ND	ND	ND	7.7J	ND	2.3J	1.7J	ND	ND	ND	ND	ND	ND	ND
MW-230	1/21/2002	300	ND	ND	ND	ND	8.1J	ND	ND	1.5J	ND	ND	ND	ND	ND	ND	ND
MW-230	4/22/2002	54.0	ND	ND	ND	ND	12.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-230	7/19/2002	ND	1.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-230	10/16/2002	26.8	ND	ND	ND	ND	4.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-230	1/17/2003	16.5	ND	ND	ND	ND	6.2J	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	ND
MW-131	1/16/2002	687	ND	ND	ND	ND	2.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-131	4/12/2002	902	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	3.1J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-131 dup	4/12/2002	943	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	3.2J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-131	7/11/2002	796	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	3.5J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-131	10/9/2002	516	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	2.0J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-131	1/14/2003	959	ND	ND	ND	ND	3.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-231	1/16/2002	1,690	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	7.2J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-231	4/12/2002	1,790	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	6.6J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-231	7/11/2002	1,840	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	6.6J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	5.2J	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-231	10/9/2002	1,850	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	5.1J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-231 dup	10/9/2002	1,850	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	5.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-231	1/14/2003	2,050	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	7.1J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-132	1/9/2002	ND	ND	ND	ND	ND	ND	ND	ND	1.5J	ND	ND	ND	ND	ND	ND	ND
MW-132	4/18/2002	ND	1.4J	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	1.6B	ND	ND	ND
MW-132	7/18/2002	ND	1.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-132	10/11/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-132	1/17/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-232	1/9/2002	46.6	ND	ND	ND	ND	ND	ND	ND	1.4J	ND	ND	ND	ND	ND	ND	ND
MW-232	4/18/2002	35.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6B	ND	ND	ND
MW-232	7/18/2002	34.0	1.6J	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND
MW-232	10/11/2002	33.9	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND
MW-232	1/17/2003	29.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-232 dup	1/17/2003	30.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-133	1/17/2002	195	1.1J	ND	ND	ND	6.9J	ND	ND	1.3J	ND	ND	ND	ND	ND	ND	ND
MW-133	4/16/2002	155	ND	ND	ND	ND	5.9J	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND
MW-133	7/15/2002	135	2.1J	ND	ND	ND	2.2J	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND
MW-133 dup	7/15/2002	134	1.1J	ND	ND	ND	3.6J	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND
MW-133	10/3/2002	113	ND	ND	ND	ND	3.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-133	1/15/2003	115	ND	ND	ND	ND	3.7J	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	ND
MW-233	1/17/2002	392	ND	ND	ND	ND	11.2J	ND	ND	1.5J	ND	ND	ND	ND	ND	ND	ND
MW-233	4/16/2002	395	ND	ND	ND	ND	10.1J	ND	ND	1.3J	ND	ND	ND	ND	ND	ND	ND
MW-233	7/15/2002	381	2.0J	ND	ND	ND	7.0J	ND	ND	1.5J	ND	ND	ND	ND	ND	ND	ND
MW-233	10/3/2002	341	ND	ND	ND	ND	6.4J	ND	ND	1.4J	ND	ND	ND	ND	ND	ND	ND
MW-233	1/16/2003	285	ND	ND	ND	ND	8.5J	ND	1.9J	1.3J	ND	ND	ND	ND	ND	ND	ND

Table 6. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample ID	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Bromodichloromethane	Carbon Tetrachloride	Chloroform	cis-1,2-Dichloroethene	Dibromochloromethane	Tetrachloroethylene	Methylene Chloride	Benzene	Toluene	Bromoform
		1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
MW-134	1/10/2002	25.9	ND	ND	ND	ND	1.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-134	4/19/2002	17.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-134	7/18/2002	19.1J	2.8J	ND	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-134	10/11/2002	8.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-134	1/9/2003	9.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-234	1/10/2002	341	ND	ND	ND	ND	64.7	ND	12.5J	2.9J	ND	ND	ND	ND	ND	ND	ND
MW-234	4/19/2002	385	ND	ND	ND	ND	50.3	ND	ND	2.8J	ND	ND	ND	ND	ND	ND	ND
MW-234	7/18/2002	366	1.7J	ND	ND	ND	30.7	ND	21.2	2.6J	ND	ND	ND	ND	ND	ND	ND
MW-234	10/11/2002	442	ND	ND	ND	ND	52.0	ND	22.2	2.9J	ND	ND	ND	ND	ND	ND	ND
MW-234	1/9/2003	458	ND	ND	ND	ND	53.7	ND	12.4J	2.6J	ND	ND	ND	ND	ND	ND	ND
MW-135A	10/10/2002	2,970	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	22.8J	ND (<5.0)	ND (<5.0)	9.4J	9.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-135A	1/8/2003	3,360	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	27.6J	ND (<5.0)	9.0J	6.7J	12.8J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-235B	10/10/2002	4,700	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	40.5J	ND (<10.0)	ND (<10.0)	ND (<10.0)	11.5J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
MW-235B	1/8/2003	5,080	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	38.0J	ND (<10.0)	13.6J	ND (<10.0)	13.5J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
MW-235C	10/10/2002	1,140	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	59.2	ND (<2.5)	22.0J	8.7J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-235C	1/8/2003	1,460	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	63.4	ND (<2.5)	22.6J	4.6J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-136A	10/17/2002	422	ND	ND	ND	ND	2.9J	ND	ND	1.7J	ND	ND	ND	ND	ND	ND	ND
MW-136A	1/14/2003	286	ND	ND	ND	ND	2.4J	ND	ND	1.0J	ND	ND	ND	ND	ND	ND	ND
MW-236B	10/17/2002	450	ND	ND	ND	ND	22.0	ND	6.9J	3.0J	ND	ND	ND	ND	ND	ND	ND
MW-236B	1/14/2003	397	ND	ND	ND	ND	16.1J	ND	4.0J	1.4J	ND	ND	ND	ND	ND	ND	ND
MW-236C	10/17/2002	154	ND	ND	ND	ND	45.7	ND	20.0	4.7J	ND	ND	ND	ND	ND	ND	ND
MW-236C	1/14/2003	249	ND	ND	ND	ND	52.3	ND	9.0J	1.3J	ND	ND	ND	ND	ND	ND	ND
MW-137A	10/16/2002	737	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	8.8J	ND (<2.0)	ND (<2.0)	2.5J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-137A	1/9/2003	724	ND	ND	ND	ND	7.8J	ND	3.1J	1.6J	1.3J	ND	ND	ND	ND	ND	ND
MW-137A dup	1/9/2003	730	ND	ND	ND	ND	7.7J	ND	2.6J	1.5J	1.3J	ND	ND	ND	ND	ND	ND
MW-237B	10/16/2002	2,810	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	35.9J	ND (<5.0)	14.7J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-237B dup	10/16/2002	2,910	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	37.4J	ND (<5.0)	14.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-237B	1/9/2003	3,500	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	46.4J	ND (<5.0)	18.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-237C	10/16/2002	1,900	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	54.8J	ND (<5.0)	21.5J	5.1J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-237C	1/10/2003	2,250	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	65.6J	ND (<5.0)	25.7J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-138A	10/21/2002	6,770	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	87.7J	ND (<10.0)	43.3J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
MW-138A	2/5/2003	4,340	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	67.8J	ND (<10.0)	33.8J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
MW-238B	10/22/2002	17,300	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	945	ND (<25.0)	310J	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)
MW-238B	2/5/2003	16,700	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	1,040	ND (<20.0)	263J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
MW-238C	10/21/2002	16,100	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	591	ND (<20.0)	233J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
MW-238C	2/17/2003	17,900	ND (<40.0)	ND (<40.0)	ND (<40.0)	ND (<40.0)	914	ND (<40.0)	224J	ND (<40.0)	ND (<40.0)	ND (<40.0)	ND (<40.0)	ND (<40.0)	ND (<40.0)	ND (<40.0)	ND (<40.0)

Table 6. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample ID	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Bromodichloromethane	Carbon Tetrachloride	Chloroform	cis-1,2-Dichloroethene	Dibromochloromethane	Tetrachloroethylene	Methylene Chloride	Benzene	Toluene	Bromoform
		1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
MW-339	2/7/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-339	2/18/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-340	2/7/2003	ND	ND	ND	ND	ND	ND	ND	ND	1.0J	ND	ND	ND	ND	ND	ND	ND
MW-340	2/20/2003	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-341	2/7/2003	1.2J	ND	ND	ND	ND	ND	ND	ND	3.4J	ND	ND	ND	ND	ND	ND	ND
MW-341	2/19/2003	ND	ND	ND	ND	ND	ND	ND	ND	1.6J	ND	ND	ND	ND	ND	1.3J	ND
MW-342	2/7/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

[1] Samples were analyzed by **TTL, Inc.** in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.
[2] MDL - Method Detection Limit of 1.0 microgram per liter (µg/L) for the laboratory analyses. Detection limits varied for some samples and are indicated in parentheses ( ).
[3] ND - Not Detected; Detection limits varied for some samples and are indicated in parentheses ( ). Compounds were not detected at an elevated detection level for the sample.
[4] J - Concentration below calibration curve but above detection limit
[5] dup - Duplicate samples were collected for quality assurance/quality control purposes
[6] B - Compound of interest was found above the detection limit concentration in a laboratory blank sample.
[7] Corrected results. Constituent results inadvertently transposed in October 2002.

Table 7. Results of analyses[1] for total alkalinity, chloride, ethane, ethene, methane, nitrate, nitrite, sulfate, ferrous [Fe (II)] and total iron in ground-water confirmation samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery,

		Total Alkalinity	Chloride	Ethane[2]	Ethene[2]	Methane[2]	Nitrate	Nitrite	Sulfate	Fe (II) Iron[3]	Total Iron[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date**	**1.0 mg $CaCO_3$/L**	**0.50 mg/L as Cl**	**4.0 µg/L**	**3.0 µg/L**	**2.0 µg/L**	**0.10 mg NO_3-N/L**	**0.10 mg NO_2-N/L**	**0.50 mg/L as SO_4**	**0.50 mg/L as Ferrous Iron**	**0.50 mg/L as Fe**
MW-1A	04/11/02	1.4	7.58	ND[5]	ND	ND	3.89	ND	ND	NA[6]	ND
MW-1A	07/12/02	1.8	7.18	ND	ND	ND	3.31	ND	ND	0.60	0.65
MW-1A	10/08/02	1.6	7.26	ND	ND	ND	3.38	ND	ND	ND	ND
MW-1A dup[7]	10/08/02	1.3	7.10	ND	ND	ND	3.31	ND	ND	ND	ND
MW-1A	02/18/03	1.5	7.11	ND	ND	ND	3.32	ND	ND	ND	ND
MW-2A	04/15/02	ND	7.29	ND	ND	ND	1.96	ND	ND	NA	0.10
MW-2A	07/11/02	ND	7.41	ND	ND	ND	1.87	ND	ND	ND	ND
MW-2A	10/10/02	ND	7.17	ND	ND	ND	1.80	ND	0.48	ND	ND
MW-2A	01/14/03	ND	6.87	ND	ND	ND	1.82	ND	ND	ND	ND
MW-3A	04/11/02	1.6	5.14	ND	ND	ND	2.59	ND	1.70	NA	0.24
MW-3A	07/12/02	5.7	4.63	ND	ND	ND	2.15	ND	1.65	ND	ND
MW-3A	10/10/02	1.5	4.50	ND	ND	ND	2.23	ND	1.35	ND	ND
MW-3A	01/14/03	ND	4.32	ND	ND	ND	2.30	ND	1.21	ND	ND
MW-4A	04/11/02	ND	2.76	ND	ND	ND	3.35	ND	ND	NA	ND
MW-4A	07/12/02	1.9	2.41	ND	ND	ND	ND	ND	ND	ND	ND
MW-4A	10/10/02	1.1	2.38	ND	ND	ND	2.99	ND	0.66	ND	ND
MW-4A dup	10/10/02	1.3	2.38	ND	ND	ND	2.95	ND	ND	ND	ND
MW-4A	01/13/03	ND	2.30	ND	ND	ND	2.97	ND	ND	ND	ND
MW-4A dup	01/13/03	1.1	2.37	ND	ND	ND	2.97	ND	ND	ND	ND
MW-5A	04/11/02	13.4	4.11	ND	ND	14.0	ND	ND	0.73	NA	ND
MW-5A dup	04/11/02	13.4	4.15	ND	ND	34.0	ND	ND	0.79	NA	2.23
MW-5A	07/12/02	21.5	3.44	ND	ND	130	ND	ND	0.68	5.50	5.45
MW-5A	10/10/02	23.8	3.60	ND	ND	120	ND	ND	0.53	5.25	5.25
MW-5A	01/14/03	9.6	3.18	ND	ND	67.0	ND	ND	ND	4.05	4.05, 3.22[8]
MW-5A dup	01/14/03	9.8	3.19	ND	ND	66.0	ND	ND	ND	4.05	4.05

Table 7. Results of analyses[1] for total alkalinity, chloride, ethane, ethene, methane, nitrate, nitrite, sulfate, ferrous [Fe (II)] and total iron in ground-water confirmation samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery,

		Total Alkalinity	Chloride	Ethane[2]	Ethene[2]	Methane[2]	Nitrate	Nitrite	Sulfate	Fe (II) Iron[3]	Total Iron[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date**	**1.0 mg $CaCO_3$/L**	**0.50 mg/L as Cl**	**4.0 µg/L**	**3.0 µg/L**	**2.0 µg/L**	**0.10 mg NO_3-N/L**	**0.10 mg NO_2-N/L**	**0.50 mg/L as SO_4**	**0.50 mg/L as Ferrous Iron**	**0.50 mg/L as Fe**
MW-101	04/10/02	1.3	5.91	ND	ND	ND	2.03	ND	0.57	NA	ND
MW-101	07/10/02	ND	5.46	ND	ND	ND	1.50	ND	ND	ND	ND
MW-101	10/08/02	ND	5.60	ND	ND	ND	1.55	ND	ND	ND	ND
MW-101 dup	10/08/02	ND	5.43	ND	ND	ND	1.52	ND	ND	ND	ND
MW-101	01/13/03	ND	4.35	ND	ND	ND	2.17	ND	3.02	ND	ND
MW-201	04/10/02	6.9	7.79	ND	ND	ND	2.79	ND	ND	NA	0.05
MW-201	07/10/02	4.8	7.19	ND	ND	3.0	2.37	ND	ND	NA	ND
MW-201	10/08/02	2.3	7.36	ND	ND	2.7	2.49	ND	ND	ND	ND
MW-201	01/13/03	2.5	7.13	ND	ND	2.9	2.64	ND	ND	ND	ND
MW-102	04/10/02	441	6.59	ND	ND	360	ND	ND	6.88	NA	29.2
MW-102	07/10/02	424	7.40	ND	ND	870	ND	ND	3.13	7.75	11.25
MW-102	10/08/02	333	8.93	ND	ND	840D[9]	ND	ND	2.39	3.50	7.50
MW-102	01/13/03	438	5.25	ND	ND	680	ND	ND	3.88	5.00	5.00, 26.2
MW-202	04/10/02	20.7	6.78	ND	ND	ND	ND	ND	2.33	NA	4.34
MW-202	07/10/02	ND	6.13	ND	ND	51	ND	ND	1.84	4.10	4.15
MW-202	10/08/02	14.1	6.34	ND	ND	14	ND	ND	1.49	3.75	3.80
MW-202	01/13/03	10.9	6.39	ND	ND	36	ND	ND	1.94	3.65	3.65, 4.90
MW-103	04/10/02	5.3	2.38	ND	ND	ND	6.41	ND	54.7	NA	0.07
MW-103 dup	04/10/02	6.3	2.38	ND	ND	ND	6.59	ND	49.3	NA	0.13
MW-103	07/10/02	6.2	1.94	ND	ND	4.9	4.33	ND	12.1	ND	ND
MW-103	10/08/02	5.0	2.50	ND	ND	2.5	0.56	ND	12.2	ND	ND
MW-103	01/13/03	8.0	2.06	ND	ND	ND	5.93	ND	40.2	ND	ND
MW-203	04/10/02	1.1	7.64	ND	ND	ND	3.40	ND	ND	NA	0.07
MW-203	07/11/02	ND	7.39	ND	ND	ND	2.79	ND	ND	ND	ND
MW-203	10/08/02	ND	7.29	ND	ND	ND	2.87	ND	ND	ND	ND
MW-203	01/13/03	ND	7.29	ND	ND	ND	3.19	ND	ND	ND	ND

Table 7. Results of analyses[1] for total alkalinity, chloride, ethane, ethene, methane, nitrate, nitrite, sulfate, ferrous [Fe (II)] and total iron in ground-water confirmation samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery,

		Total Alkalinity	Chloride	Ethane[2]	Ethene[2]	Methane[2]	Nitrate	Nitrite	Sulfate	Fe (II) Iron[3]	Total Iron[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date**	**1.0 mg $CaCO_3$/L**	**0.50 mg/L as Cl**	**4.0 µg/L**	**3.0 µg/L**	**2.0 µg/L**	**0.10 mg NO_3-N/L**	**0.10 mg NO_2-N/L**	**0.50 mg/L as SO_4**	**0.50 mg/L as Ferrous Iron**	**0.50 mg/L as Fe**
MW-104	04/08/02	ND	6.07	ND	ND	ND	2.20	ND	1.66	NA	ND
MW-104	07/08/02	ND	5.41	ND	ND	ND	1.83	ND	1.74	ND	ND
MW-104	10/02/02	ND	5.87	ND	ND	ND	1.84	ND	2.94	ND	ND
MW-104	01/08/03	1.3	6.68	ND	ND	ND	1.73	ND	3.17	ND	ND
MW-204	04/08/02	ND	3.26	ND	ND	ND	3.47	ND	ND	NA	ND
MW-204	07/08/02	2.9	2.96	ND	ND	ND	2.92	ND	ND	ND	ND
MW-204	10/02/02	2.9	2.85	ND	ND	ND	2.97	ND	ND	ND	ND
MW-204	01/08/03	3.9	2.72	ND	ND	ND	2.87	ND	ND	ND	ND
MW-204 dup	01/08/03	4.5	2.73	ND	ND	ND	2.86	ND	ND	ND	ND
MW-304	04/15/02	55.7	1.39	ND	ND	9.6	ND	ND	12.0	NA	0.77
MW-304	07/08/02	57.9	1.46	ND	ND	ND	ND	ND	12.2	ND	1.00
MW-304	10/02/02	53.8	1.38	ND	ND	2.0	ND	ND	12.3	0.95	0.90, 0.87
MW-304	01/08/03	2.1	5.54	ND	ND	3.4	2.92	ND	ND	0.85	0.80, 0.63
MW-105	04/08/02	ND	3.15	ND	ND	ND	0.94	ND	12.1	NA	ND
MW-105	07/08/02	3.0	3.04	ND	ND	ND	1.53	ND	7.66	ND	ND
MW-105	10/01/02	2.1	4.03	ND	ND	ND	2.49	ND	12.4	ND	ND
MW-105	02/18/03	7.8	2.71	ND	ND	ND	1.65	ND	10.6	ND	ND
MW-205	04/08/02	ND	1.89	ND	ND	ND	3.65	ND	0.57	NA	ND
MW-205 dup	04/08/02	ND	1.82	ND	ND	ND	3.50	ND	0.54	NA	ND
MW-205	07/08/02	ND	1.65	ND	ND	ND	3.06	ND	ND	ND	ND
MW-205 dup	07/08/02	ND	1.63	ND	ND	ND	3.06	ND	ND	ND	ND
MW-205	10/01/02	ND	1.55	ND	ND	ND	3.01	ND	ND	ND	ND, 0.17
MW-205 dup	10/01/02	1.1	1.56	ND	ND	ND	3.25	ND	ND	ND	ND, 0.14
MW-205	02/18/03	ND	1.54	ND	ND	ND	3.01	ND	ND	ND	ND

Table 7. Results of analyses[1] for total alkalinity, chloride, ethane, ethene, methane, nitrate, nitrite, sulfate, ferrous [Fe (II)] and total iron in ground-water confirmation samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery,

		Total Alkalinity	Chloride	Ethane[2]	Ethene[2]	Methane[2]	Nitrate	Nitrite	Sulfate	Fe (II) Iron[3]	Total Iron[3]
		Method Detection Limit[4]									
Sample Identifier	Sample Date	1.0 mg $CaCO_3$/L	0.50 mg/L as Cl	4.0 µg/L	3.0 µg/L	2.0 µg/L	0.10 mg NO_3-N/L	0.10 mg NO_2-N/L	0.50 mg/L as SO_4	0.50 mg/L as Ferrous Iron	0.50 mg/L as Fe
MW-106	04/04/02	ND	5.26	ND	ND	ND	2.68	ND	9.84	NA	ND
MW-106	07/09/02	ND	3.70	ND	ND	ND	2.63	ND	8.35	ND	ND
MW-106	10/03/02	ND	3.93	ND	ND	ND	1.58	ND	9.65	ND	ND
MW-106	01/06/03	ND	3.98	ND	ND	ND	0.85	ND	7.87	ND	ND
MW-206	04/05/02	32.2	4.80	ND	ND	ND	1.32	ND	3.00	NA	0.24
MW-206	07/09/02	19.6	3.54	ND	ND	ND	1.51	ND	1.35	ND	ND
MW-206	10/03/02	20.0	3.28	ND	ND	ND	1.37	ND	1.09	ND	ND
MW-206	01/06/03	17.1	4.08	ND	ND	ND	2.08	ND	0.94	ND	ND
MW-107	04/04/02	ND	6.81	ND	ND	ND	2.41	ND	9.86	NA	ND
MW-107	07/09/02	ND	6.16	ND	ND	ND	2.55	ND	5.11	ND	ND
MW-107	10/02/02	ND	6.20	ND	ND	ND	2.59	ND	0.50	ND	ND
MW-107	01/07/03	1.2	5.59	ND	ND	ND	3.13	ND	0.70	ND	ND
MW-207	04/04/02	4.9	3.67	ND	ND	ND	2.03	ND	6.89	NA	ND
MW-207	07/09/02	7.3	2.79	ND	ND	ND	1.67	ND	5.44	ND	ND
MW-207	10/02/02	4.2	2.68	ND	ND	ND	1.61	ND	3.62	ND	ND
MW-207	01/07/03	7.2	2.60	ND	ND	ND	1.30	ND	3.39	ND	ND
MW-108	04/05/02	ND	10.6	ND	ND	ND	4.87	ND	ND	NA	0.09
MW-108	07/09/02	ND	5.96	ND	ND	ND	3.42	ND	ND	ND	ND
MW-108	10/02/02	ND	6.16	ND	ND	ND	3.42	ND	ND	0.50	0.50, 0.33
MW-108	01/07/03	1.0	7.45	ND	ND	ND	3.85	ND	ND	ND	ND
MW-208	04/05/02	6.0	4.69	ND	ND	ND	2.16	ND	3.03	NA	0.11
MW-208	07/09/02	5.0	3.53	ND	ND	ND	1.93	ND	1.26	ND	ND
MW-208	10/02/02	5.5	3.66	ND	ND	ND	1.98	ND	3.29	ND	ND
MW-208	01/07/03	15.2	4.30	ND	ND	ND	2.29	ND	7.63	ND	ND

Table 7. Results of analyses[1] for total alkalinity, chloride, ethane, ethene, methane, nitrate, nitrite, sulfate, ferrous [Fe (II)] and total iron in ground-water confirmation samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery,

		Total Alkalinity	Chloride	Ethane[2]	Ethene[2]	Methane[2]	Nitrate	Nitrite	Sulfate	Fe (II) Iron[3]	Total Iron[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date**	**1.0 mg $CaCO_3$/L**	**0.50 mg/L as Cl**	**4.0 µg/L**	**3.0 µg/L**	**2.0 µg/L**	**0.10 mg NO_3-N/L**	**0.10 mg NO_2-N/L**	**0.50 mg/L as SO_4**	**0.50 mg/L as Ferrous Iron**	**0.50 mg/L as Fe**
MW-109	04/15/02	ND	3.65	ND	ND	2.0	0.98	ND	6.91	NA	ND
MW-109	07/09/02	ND	4.02	ND	ND	ND	0.89	ND	5.10	ND	ND
MW-109	10/02/02	ND	3.59	ND	ND	ND	0.77	0.15	5.71	ND	ND, 0.12
MW-109	01/07/03	ND	4.16	ND	ND	ND	1.69	ND	3.11	ND	ND
MW-109 dup	01/07/03	ND	4.05	ND	ND	ND	1.69	ND	3.08	ND	ND
MW-209	04/15/02	14.0	3.55	ND	ND	46	1.21	ND	3.63	NA	0.25
MW-209	07/09/02	14.3	3.54	ND	ND	45	1.27	ND	0.91	ND	ND
MW-209	10/02/02	10.4	3.60	ND	ND	33	1.22	ND	ND	ND	ND, 0.30
MW-209	01/07/03	12.1	3.63	ND	ND	26	1.22	ND	ND	ND	ND
MW-210	04/16/02	148	4.28	ND	ND	37	0.84	ND	9.93	NA	0.44
MW-210	07/15/02	204	4.91	ND	ND	9.2	ND	ND	15.8	ND	ND, (<0.05)
MW-210 dup	07/15/02	201	4.88	ND	ND	14	ND	ND	15.9	ND	0.53[8]
MW-210	10/03/02	185	5.18	ND	ND	29	ND	ND	7.37	ND	ND
MW-210	01/07/03	114	3.65	ND	ND	9.5	1.02	ND	11.5	ND	ND
MW-111	04/18/02	4.2	10.8	ND	ND	ND	3.05	ND	0.71	NA	ND
MW-111	07/17/02	2.2	9.98	ND	ND	ND	2.97	ND	0.81	ND	ND
MW-111	10/10/02	1.7	9.63	ND	ND	ND	3.53	ND	0.75	ND	ND
MW-111	01/16/03	2.0	9.46	ND	ND	ND	3.80	ND	0.61	ND	ND
MW-211	04/18/02	2.0	8.72	ND	ND	ND	5.16	ND	0.85	NA	ND
MW-211	07/17/02	1.2	8.96	ND	ND	ND	5.17	ND	0.92	ND	ND
MW-211	10/10/02	1.9	8.93	ND	ND	ND	5.29	ND	0.88	ND	ND
MW-211	01/16/03	1.8	8.71	ND	ND	ND	5.33	ND	0.84	ND	ND
MW-311	04/18/02	4.4	3.38	ND	ND	ND	4.03	ND	2.52	NA	ND
MW-311	07/17/02	3.4	3.63	ND	ND	ND	4.10	ND	2.76	ND	ND
MW-311	10/11/02	6.0	3.44	ND	ND	ND	3.96	ND	2.43	ND	ND
MW-311	01/16/03	3.9	3.57	ND	ND	ND	4.27	ND	2.44	ND	ND

Table 7. Results of analyses[1] for total alkalinity, chloride, ethane, ethene, methane, nitrate, nitrite, sulfate, ferrous [Fe (II)] and total iron in ground-water confirmation samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery,

		Total Alkalinity	Chloride	Ethane[2]	Ethene[2]	Methane[2]	Nitrate	Nitrite	Sulfate	Fe (II) Iron[3]	Total Iron[3]
		Method Detection Limit[4]									
Sample Identifier	Sample Date	1.0 mg $CaCO_3$/L	0.50 mg/L as Cl	4.0 µg/L	3.0 µg/L	2.0 µg/L	0.10 mg NO_3-N/L	0.10 mg NO_2-N/L	0.50 mg/L as SO_4	0.50 mg/L as Ferrous Iron	0.50 mg/L as Fe
MW-112	04/17/02	ND	6.44	ND	ND	ND	3.30	ND	3.85	NA	ND
MW-112	07/16/02	ND	5.85	ND	ND	ND	3.01	ND	3.68	ND	ND, (<0.05)
MW-112	10/04/02	ND	5.56	ND	ND	ND	2.97	ND	4.29	ND	ND
MW-112	01/17/03	2.8	5.26	ND	ND	ND	2.83	ND	4.71	ND	ND
MW-212	04/17/02	8.1	4.07	ND	ND	ND	1.86	ND	1.17	NA	0.13
MW-212	07/16/02	8.8	3.91	ND	ND	ND	1.89	ND	1.09	ND	ND
MW-212	10/04/02	8.4	3.32	ND	ND	ND	1.89	ND	0.82	ND	ND
MW-212	01/17/03	7.4	3.32	ND	ND	ND	1.91	ND	0.70	ND	ND
MW-113	04/16/02	1.0	3.66	ND	ND	ND	1.81	ND	ND	NA	ND
MW-113 dup	04/16/02	ND	3.69	ND	ND	ND	1.82	ND	ND	NA	ND
MW-113	07/15/02	ND	3.63	ND	ND	ND	1.75	ND	ND	ND	ND, (<0.05)
MW-113	10/03/02	ND	3.08	ND	ND	ND	1.52	ND	ND	ND	ND
MW-113	02/17/03	ND	3.56	ND	ND	ND	1.39	ND	ND	ND	ND
MW-213	04/16/02	ND	6.26	ND	ND	ND	3.44	ND	ND	NA	ND
MW-213	07/15/02	1.6	6.27	ND	ND	ND	3.40	ND	ND	ND	ND
MW-213	10/02/02	ND	6.59	ND	ND	ND	3.44	ND	ND	ND	ND
MW-213 dup	10/02/02	ND	6.58	ND	ND	ND	3.46	ND	ND	ND	ND
MW-213	02/17/03	ND	5.95	ND	ND	ND	3.00	ND	ND	ND	ND
MW-214A	04/19/02	ND	10.7	ND	ND	ND	2.49	ND	2.91	NA	1.01
MW-214A	07/15/02	2.5	11.0	ND	ND	ND	3.01	ND	2.78	ND	ND
MW-214A	10/03/02	2.5	11.0	ND	ND	ND	3.05	ND	2.92	ND	ND
MW-214A	01/10/03	4.2	10.7	ND	ND	ND	2.56	ND	2.58	ND	ND

Table 7. Results of analyses[1] for total alkalinity, chloride, ethane, ethene, methane, nitrate, nitrite, sulfate, ferrous [Fe (II)] and total iron in ground-water confirmation samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery,

		Total Alkalinity	Chloride	Ethane[2]	Ethene[2]	Methane[2]	Nitrate	Nitrite	Sulfate	Fe (II) Iron[3]	Total Iron[3]
		Method Detection Limit[4]									
Sample Identifier	Sample Date	1.0 mg $CaCO_3$/L	0.50 mg/L as Cl	4.0 µg/L	3.0 µg/L	2.0 µg/L	0.10 mg NO_3-N/L	0.10 mg NO_2-N/L	0.50 mg/L as SO_4	0.50 mg/L as Ferrous Iron	0.50 mg/L as Fe
MW-115	04/19/02	ND	8.18	ND	ND	ND	1.62	ND	12.6	NA	0.07
MW-115	07/18/02	ND	7.15	ND	ND	25	1.68	ND	12.5	ND	ND
MW-115	10/14/02	ND	10.6	ND	ND	ND	1.49	ND	10.1	ND	ND
MW-115	01/09/03	ND	8.25	ND	ND	ND	2.13	ND	10.6	ND	ND
MW-215	04/22/02	ND	8.39	ND	ND	ND	1.51	ND	2.85	NA	ND
MW-215	07/18/02	ND	8.52	ND	ND	ND	1.38	ND	4.24	ND	ND
MW-215	10/14/02	ND	9.53	ND	ND	ND	2.32	ND	2.22	ND	ND
MW-215	01/09/03	ND	8.94	ND	ND	ND	2.07	ND	2.08	ND	ND
MW-116	04/17/02	ND	5.69	ND	ND	13	1.22	ND	1.16	NA	0.78
MW-116	07/16/02	ND	6.05	ND	ND	31	1.37	ND	ND	0.70	0.75
MW-116	10/04/02	ND	5.48	ND	ND	27	1.16	ND	1.03	1.25	1.30, 1.27
MW-116	01/10/03	9.3	4.32	ND	ND	110	0.75	ND	3.93	4.60	4.65
MW-216	04/17/02	ND	7.44	ND	ND	ND	3.17	ND	ND	NA	ND
MW-216	07/16/02	ND	7.79	ND	ND	ND	3.28	ND	ND	ND	ND
MW-216	10/04/02	ND	7.79	ND	ND	ND	3.41	ND	ND	ND	ND
MW-216	01/10/03	ND	7.69	ND	ND	ND	3.51	ND	ND	ND	ND
MW-117	04/18/02	27.0	8.00	ND	ND	ND	2.88	ND	1.61	NA	0.10
MW-117	07/17/02	14.9	8.24	ND	ND	ND	2.96	ND	1.52	ND	ND
MW-117	10/10/02	15.2	8.12	ND	ND	ND	2.98	ND	1.90	ND	ND
MW-117	01/16/03	6.8	8.00	ND	ND	ND	3.04	ND	1.43	ND	ND
MW-217	04/18/02	1.4	8.06	ND	ND	ND	4.45	ND	1.36	NA	ND
MW-217	07/17/02	1.1	8.18	ND	ND	ND	4.43	ND	1.48	ND	ND
MW-217	10/07/02	1.1	7.95	ND	ND	ND	4.55	ND	1.50	ND	ND
MW-217	01/16/03	3.5	8.07	ND	ND	ND	4.62	ND	1.47	ND	ND

Table 7. Results of analyses[1] for total alkalinity, chloride, ethane, ethene, methane, nitrate, nitrite, sulfate, ferrous [Fe (II)] and total iron in ground-water confirmation samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery,

		Total Alkalinity	Chloride	Ethane[2]	Ethene[2]	Methane[2]	Nitrate	Nitrite	Sulfate	Fe (II) Iron[3]	Total Iron[3]
		Method Detection Limit[4]									
Sample Identifier	Sample Date	1.0 mg $CaCO_3$/L	0.50 mg/L as Cl	4.0 µg/L	3.0 µg/L	2.0 µg/L	0.10 mg NO_3-N/L	0.10 mg NO_2-N/L	0.50 mg/L as SO_4	0.50 mg/L as Ferrous Iron	0.50 mg/L as Fe
MW-118	04/19/02	ND	4.04	ND	ND	ND	1.71	ND	5.55	NA	0.07
MW-118	07/18/02	ND	4.42	ND	ND	ND	ND	ND	6.44	ND	ND
MW-118	10/14/02	ND	5.31	ND	ND	ND	2.78	ND	5.80	0.50	0.50
MW-118	01/10/03	ND	4.97	ND	ND	ND	2.47	ND	5.66	ND	ND
MW-218	04/19/02	9.9	3.82	ND	ND	ND	1.39	ND	10.1	NA	ND
MW-218	07/18/02	8.2	3.95	ND	ND	ND	1.41	ND	10.1	ND	ND
MW-218	10/14/02	10.0	4.11	ND	ND	ND	1.39	ND	10.1	ND	ND
MW-218	01/10/03	8.5	4.02	ND	ND	ND	1.41	ND	9.63	ND	ND
MW-218 dup	01/10/03	4.6	3.97	ND	ND	ND	1.41	ND	9.62	ND	ND
MW-219	04/16/02	1.1	3.36	ND	ND	ND	0.37	ND	6.71	NA	0.06
MW-219 dup	04/16/02	ND	3.46	ND	ND	ND	0.39	ND	6.87	NA	0.14
MW-219	07/16/02	ND	3.79	ND	ND	ND	0.43	ND	6.05	ND	ND
MW-219	10/03/02	ND	3.63	ND	ND	ND	0.44	ND	5.48	ND	ND
MW-219	01/07/03	1.2	3.97	ND	ND	ND	0.48	ND	5.65	ND	ND
MW-220	04/25/02	2.1	5.62	ND	ND	ND	2.10	ND	6.49	NA	ND
MW-220	07/17/02	ND	5.55	ND	ND	ND	1.89	ND	5.84	ND	ND
MW-220	10/10/02	ND	5.00	ND	ND	ND	1.87	ND	5.56	ND	ND
MW-220	01/15/03	ND	5.62	ND	ND	ND	2.26	ND	6.08	ND	ND
MW-221	04/22/02	ND	7.40	ND	ND	ND	1.82	ND	10.3	NA	0.32
MW-221	07/19/02	ND	7.20	ND	ND	ND	2.90	ND	6.39	ND	ND
MW-221	10/16/02	ND	6.37	ND	ND	ND	3.27	ND	5.49	ND	ND
MW-221	01/10/03	ND	8.02	ND	ND	ND	2.66	ND	7.55	ND	ND

Table 7. Results of analyses[1] for total alkalinity, chloride, ethane, ethene, methane, nitrate, nitrite, sulfate, ferrous [Fe (II)] and total iron in ground-water confirmation samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery,

		Total Alkalinity	Chloride	Ethane[2]	Ethene[2]	Methane[2]	Nitrate	Nitrite	Sulfate	Fe (II) Iron[3]	Total Iron[3]
		Method Detection Limit[4]									
Sample Identifier	Sample Date	1.0 mg $CaCO_3$/L	0.50 mg/L as Cl	4.0 µg/L	3.0 µg/L	2.0 µg/L	0.10 mg NO_3-N/L	0.10 mg NO_2-N/L	0.50 mg/L as SO_4	0.50 mg/L as Ferrous Iron	0.50 mg/L as Fe
MW-122	04/25/02	5.3	4.33	ND	ND	ND	2.36	ND	9.40	NA	ND
MW-122	07/17/02	3.8	4.08	ND	ND	ND	1.92	ND	6.71	ND	ND
MW-122	10/10/02	3.8	4.68	ND	ND	ND	2.33	ND	12.3	ND	ND
MW-122	01/15/03	6.1	5.01	ND	ND	ND	2.11	ND	17.9	ND	ND
MW-222	04/25/02	9.4	1.88	ND	ND	ND	0.69	ND	0.81	NA	ND
MW-222	07/17/02	12.0	1.88	ND	ND	ND	0.39	ND	0.69	ND	ND
MW-222 dup	07/17/02	8.8	1.89	ND	ND	ND	0.37	ND	0.96	ND	ND
MW-222	10/10/02	9.2	1.91	ND	ND	ND	0.59	ND	0.85	ND	ND
MW-222	01/15/03	13.5	1.87	ND	ND	ND	0.54	ND	0.86	ND	ND
MW-123	04/17/02	4.1	8.58	ND	ND	ND	2.53	ND	5.63	NA	0.16
MW-123	07/17/02	3.1	8.15	ND	ND	ND	2.34	ND	3.77	ND	ND
MW-123 dup	07/17/02	1.5	8.05	ND	ND	ND	2.34	ND	3.64	ND	ND
MW-123	10/07/02	1.1	9.74	ND	ND	ND	3.09	ND	2.11	0.55	0.80
MW-123	01/08/03	2.3	11.06	ND	ND	ND	4.06	ND	1.51	ND	ND
MW-223	04/18/02	2.6	4.02	ND	ND	ND	2.83	ND	0.71	NA	ND
MW-223	07/17/02	2.9	5.77	ND	ND	ND	2.91	ND	ND	ND	ND
MW-223	10/07/02	1.4	5.54	ND	ND	ND	2.94	ND	ND	ND	ND
MW-223	01/08/03	55.8	1.42	ND	ND	ND	ND	ND	12.1	ND	ND
MW-124	04/17/02	ND	6.94	ND	ND	ND	2.89	ND	1.09	NA	ND
MW-124	07/16/02	ND	8.26	ND	ND	ND	3.12	ND	1.01	ND	ND
MW-124	10/07/02	ND	7.35	ND	ND	ND	3.12	ND	1.13	ND	ND
MW-124	01/10/03	ND	6.58	ND	ND	ND	2.58	ND	1.00	ND	ND
MW-224	04/17/02	4.9	6.72	ND	ND	ND	3.47	ND	ND	NA	ND
MW-224	07/16/02	ND	7.03	ND	ND	ND	3.52	ND	ND	ND	ND
MW-224	10/07/02	ND	7.19	ND	ND	ND	3.60	ND	0.24	ND	ND
MW-224	01/15/03	1.4	6.50	ND	ND	ND	3.60	ND	ND	ND	ND

Table 7. Results of analyses[1] for total alkalinity, chloride, ethane, ethene, methane, nitrate, nitrite, sulfate, ferrous [Fe (II)] and total iron in ground-water confirmation samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery,

		Total Alkalinity	Chloride	Ethane[2]	Ethene[2]	Methane[2]	Nitrate	Nitrite	Sulfate	Fe (II) Iron[3]	Total Iron[3]
		Method Detection Limit[4]									
Sample Identifier	Sample Date	1.0 mg $CaCO_3$/L	0.50 mg/L as Cl	4.0 µg/L	3.0 µg/L	2.0 µg/L	0.10 mg NO_3-N/L	0.10 mg NO_2-N/L	0.50 mg/L as SO_4	0.50 mg/L as Ferrous Iron	0.50 mg/L as Fe
MW-125	04/16/02	ND	6.14	ND	ND	ND	2.98	ND	0.95	NA	ND
MW-125	07/16/02	ND	6.14	ND	ND	ND	2.86	ND	0.90	ND	ND, (<0.05)
MW-125 dup	07/16/02	ND	6.15	ND	ND	ND	2.82	ND	0.95	ND	ND
MW-125	10/04/02	ND	6.16	ND	ND	ND	2.83	ND	1.02	ND	ND
MW-125	01/15/03	ND	5.98	ND	ND	ND	3.04	ND	1.09	ND	ND
MW-225	04/16/02	18.3	6.05	ND	ND	ND	3.16	ND	1.52	NA	ND
MW-225	07/16/02	3.4	6.52	ND	ND	ND	3.56	ND	ND	ND	ND, (<0.05)
MW-225	10/07/02	6.3	5.98	ND	ND	ND	3.31	ND	0.76	ND	ND
MW-225	01/15/03	5.9	6.57	ND	ND	ND	3.67	ND	0.53	ND	ND
MW-226	04/16/02	ND	5.93	ND	ND	ND	1.71	ND	1.65	NA	ND
MW-226	07/12/02	1.6	6.70	ND	ND	ND	2.08	ND	1.52	ND	ND
MW-226	10/03/02	2.4	6.38	ND	ND	ND	2.05	ND	1.97	ND	ND
MW-226	02/17/03	2.4	5.87	ND	ND	ND	1.65	ND	2.05	ND	ND
MW-227	04/15/02	1.6	7.26	ND	ND	ND	2.24	ND	ND	NA	ND
MW-227	07/12/02	ND	8.03	ND	ND	ND	2.68	ND	ND	ND	ND
MW-227	10/14/02	ND	8.00	ND	ND	ND	2.69	ND	ND	ND	ND
MW-227	01/15/03	ND	7.60	ND	ND	ND	2.65	ND	ND	ND	ND
MW-227 dup	01/15/03	1.1	7.62	ND	ND	ND	2.66	ND	ND	ND	ND
MW-128	04/18/02	ND	7.91	ND	ND	ND	2.06	ND	ND	NA	ND
MW-128	07/18/02	ND	7.65	ND	ND	ND	2.09	ND	ND	ND	ND
MW-128 dup	07/18/02	ND	7.65	ND	ND	ND	2.09	ND	ND	ND	ND
MW-128	10/11/02	ND	8.23	ND	ND	ND	2.53	ND	ND	ND	ND
MW-128	01/16/03	ND	8.26	ND	ND	ND	2.66	ND	ND	ND	ND
MW-228	04/18/02	ND	10.4	ND	ND	ND	5.60	ND	4.58	NA	ND
MW-228	07/18/02	ND	10.5	ND	ND	ND	5.67	ND	4.47	ND	ND
MW-228	10/14/02	ND	10.7	ND	ND	ND	5.49	ND	4.88	ND	ND
MW-228 dup	10/14/02	ND	10.7	ND	ND	ND	5.41	ND	4.94	ND	ND
MW-228	01/16/03	1.3	9.83	ND	ND	ND	5.72	ND	4.01	ND	ND

Table 7. Results of analyses[1] for total alkalinity, chloride, ethane, ethene, methane, nitrate, nitrite, sulfate, ferrous [Fe (II)] and total iron in ground-water confirmation samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery,

		Total Alkalinity	Chloride	Ethane[2]	Ethene[2]	Methane[2]	Nitrate	Nitrite	Sulfate	Fe (II) Iron[3]	Total Iron[3]
		Method Detection Limit[4]									
Sample Identifier	Sample Date	1.0 mg $CaCO_3$/L	0.50 mg/L as Cl	4.0 µg/L	3.0 µg/L	2.0 µg/L	0.10 mg NO_3-N/L	0.10 mg NO_2-N/L	0.50 mg/L as SO_4	0.50 mg/L as Ferrous Iron	0.50 mg/L as Fe
MW-129	04/10/02	ND	8.20	ND	ND	ND	5.85	ND	ND	NA	ND
MW-129	07/10/02	ND	7.68	ND	ND	ND	2.83	ND	ND	ND	ND
MW-129	10/09/02	ND	8.00	ND	ND	ND	3.16	ND	ND	ND	ND
MW-129	01/13/03	ND	7.81	ND	ND	ND	3.19	ND	ND	ND	ND
MW-229	04/11/02	1.6	7.76	ND	ND	ND	4.49	ND	ND	NA	ND
MW-229 dup	04/11/02	1.5	7.50	ND	ND	ND	4.26	ND	ND	NA	ND
MW-229	07/10/02	ND	6.86	ND	ND	ND	3.47	ND	ND	ND	ND
MW-229	10/09/02	ND	7.06	ND	ND	ND	3.57	ND	ND	ND	ND
MW-229	01/13/03	ND	6.88	ND	ND	ND	3.67	ND	ND	ND	ND
MW-130	04/22/02	1.8	10.3	ND	ND	ND	2.75	ND	1.00	NA	ND
MW-130	07/19/02	2.1	12.5	ND	ND	ND	3.55	ND	1.74	ND	ND
MW-130	10/16/02	1.6	12.9	ND	ND	ND	3.48	ND	1.04	ND	ND
MW-130	01/17/03	2.2	9.83	ND	ND	ND	3.05	ND	ND	ND	ND
MW-230	04/22/02	5.9	7.25	ND	ND	ND	7.40	ND	0.74	NA	ND
MW-230	07/19/02	3.5	5.70	ND	ND	ND	6.54	ND	ND	ND	ND
MW-230	10/16/02	3.6	6.49	ND	ND	ND	6.98	ND	ND	ND	ND
MW-230	01/17/03	1.8	7.35	ND	ND	ND	7.93	ND	ND	ND	ND
MW-131	04/12/02	2.6	7.08	ND	ND	ND	1.64	ND	ND	NA	0.55
MW-131 dup	04/12/02	2.0	7.05	ND	ND	ND	1.62	ND	ND	NA	0.54
MW-131	07/11/02	2.2	6.45	ND	ND	ND	1.15	ND	2.20	ND	ND
MW-131	10/09/02	2.9	5.97	ND	ND	ND	0.90	ND	1.16	ND	ND
MW-131	01/14/03	4.8	5.51	ND	ND	ND	2.23	ND	1.27	ND	ND
MW-231	04/12/02	2.5	6.32	ND	ND	ND	3.06	ND	ND	NA	ND
MW-231	07/11/02	2.2	5.23	ND	ND	ND	2.17	ND	2.15	ND	ND
MW-231	10/09/02	3.5	4.89	ND	ND	ND	2.14	ND	1.12	ND	ND
MW-231 dup	10/09/02	3.3	4.90	ND	ND	ND	2.10	ND	1.10	ND	ND
MW-231	01/14/03	5.4	6.34	ND	ND	ND	1.09	ND	0.87	ND	ND

Table 7. Results of analyses[1] for total alkalinity, chloride, ethane, ethene, methane, nitrate, nitrite, sulfate, ferrous [Fe (II)] and total iron in ground-water confirmation samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery,

		Total Alkalinity	Chloride	Ethane[2]	Ethene[2]	Methane[2]	Nitrate	Nitrite	Sulfate	Fe (II) Iron[3]	Total Iron[3]
		Method Detection Limit[4]									
Sample Identifier	Sample Date	1.0 mg $CaCO_3$/L	0.50 mg/L as Cl	4.0 µg/L	3.0 µg/L	2.0 µg/L	0.10 mg NO_3-N/L	0.10 mg NO_2-N/L	0.50 mg/L as SO_4	0.50 mg/L as Ferrous Iron	0.50 mg/L as Fe
MW-132	04/18/02	ND	10.4	ND	ND	ND	5.87	ND	2.56	NA	0.22
MW-132	07/18/02	ND	9.49	ND	ND	ND	5.55	ND	2.67	ND	ND
MW-132	10/11/02	ND	9.16	ND	ND	ND	5.94	ND	2.05	ND	ND
MW-132	01/17/03	ND	11.4	ND	ND	ND	7.07	ND	2.06	ND	ND
MW-232	04/18/02	4.2	7.75	ND	ND	ND	2.23	ND	ND	NA	ND
MW-232	07/18/02	2.1	8.05	ND	ND	ND	2.38	ND	ND	ND	ND
MW-232	10/11/02	3.0	7.95	ND	ND	ND	2.44	ND	ND	ND	ND
MW-232	01/17/03	3.3	8.00	ND	ND	ND	2.48	ND	ND	ND	ND
MW-232 dup	01/17/03	3.6	8.00	ND	ND	ND	2.48	ND	ND	ND	ND
MW-133	04/16/02	ND	7.32	ND	ND	ND	1.79	ND	ND	NA	0.06
MW-133	07/15/02	ND	7.27	ND	ND	ND	1.76	ND	ND	ND	ND
MW-133 dup	07/15/02	ND	7.19	ND	ND	ND	1.75	ND	ND	ND	ND
MW-133	10/03/02	ND	7.18	ND	ND	ND	1.66	ND	ND	ND	ND
MW-133	01/15/03	ND	7.40	ND	ND	ND	1.69	ND	ND	ND	ND
MW-233	04/16/02	ND	6.54	ND	ND	ND	2.11	ND	ND	NA	ND
MW-233	07/15/02	ND	6.56	ND	ND	ND	2.12	ND	ND	ND	ND
MW-233	10/03/02	ND	6.62	ND	ND	ND	2.11	ND	ND	ND	ND
MW-233	01/16/03	ND	6.80	ND	ND	ND	2.13	ND	ND	ND	ND
MW-134	04/19/02	ND	6.32	ND	ND	ND	0.85	ND	ND	NA	ND
MW-134	07/18/02	1.1	7.54	ND	ND	ND	1.13	ND	ND	ND	ND
MW-134	10/11/02	ND	6.10	ND	ND	ND	2.00	ND	ND	ND	ND
MW-134	01/09/03	ND	8.01	ND	ND	ND	0.95	ND	ND	ND	ND
MW-234	04/19/02	ND	8.77	ND	ND	ND	3.73	ND	2.07	NA	ND
MW-234	07/18/02	ND	8.98	ND	ND	ND	3.73	ND	1.36	ND	ND
MW-234	10/11/02	ND	8.76	ND	ND	ND	ND	3.72	0.78	ND	ND
MW-234	01/09/03	1.4	8.78	ND	ND	ND	3.77	ND	ND	ND	ND

Table 7. Results of analyses[1] for total alkalinity, chloride, ethane, ethene, methane, nitrate, nitrite, sulfate, ferrous [Fe (II)] and total iron in ground-water confirmation samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery,

		Total Alkalinity	Chloride	Ethane[2]	Ethene[2]	Methane[2]	Nitrate	Nitrite	Sulfate	Fe (II) Iron[3]	Total Iron[3]
		Method Detection Limit[4]									
Sample Identifier	Sample Date	1.0 mg $CaCO_3$/L	0.50 mg/L as Cl	4.0 µg/L	3.0 µg/L	2.0 µg/L	0.10 mg NO_3-N/L	0.10 mg NO_2-N/L	0.50 mg/L as SO_4	0.50 mg/L as Ferrous Iron	0.50 mg/L as Fe
MW-135A	10/10/02	11.8	4.76	ND	ND	ND	1.76	ND	14.5	ND	ND
MW-135A	01/08/03	11.6	4.51	ND	ND	ND	1.49	ND	17.6	ND	ND
MW-235B	10/10/02	9.1	4.07	ND	ND	ND	1.85	ND	9.95	0.50	0.50
MW-235B	01/08/03	11.3	4.26	ND	ND	ND	1.49	ND	33.1	1.05	1.05, 0.78
MW-235C	10/10/02	5.6	3.47	ND	ND	ND	1.48	ND	14.4	ND	ND
MW-235C	01/08/03	8.0	2.85	ND	ND	ND	1.47	ND	10.1	ND	ND
MW-136A	10/17/02	4.9	6.76	ND	ND	ND	1.77	ND	1.63	0.75	0.75
MW-136A	01/14/03	1.2	6.39	ND	ND	ND	1.97	ND	0.57	ND	ND
MW-236B	10/17/02	2.8	5.35	ND	ND	ND	2.43	ND	5.67	ND	ND
MW-236B	01/14/03	10.3	5.58	ND	ND	ND	2.23	ND	4.18	ND	ND
MW-236C	10/17/02	2.1	3.95	ND	ND	ND	3.20	ND	12.4	ND	ND
MW-236C	01/14/03	ND	3.63	ND	ND	ND	2.74	ND	0.97	ND	ND
MW-137A	10/16/02	7.5	9.53	ND	ND	ND	3.63	ND	14.6	ND	ND
MW-137A	01/09/03	8.1	8.66	ND	ND	ND	3.33	ND	0.68	ND	ND
MW-137A dup	01/09/03	7.4	8.76	ND	ND	ND	3.30	ND	ND	ND	ND
MW-237B	10/16/02	7.7	9.43	ND	ND	ND	4.65	ND	20.7	ND	ND
MW-237B dup	10/16/02	7.2	8.82	ND	ND	ND	4.40	ND	19.1	ND	ND
MW-237B	01/09/03	9.2	8.74	ND	ND	ND	4.49	ND	2.73	ND	ND
MW-237C	10/16/02	4.6	7.67	ND	ND	ND	7.08	ND	1.09	ND	ND
MW-237C	01/10/03	2.0	7.51	ND	ND	ND	7.61	ND	ND	ND	ND
MW-138A	10/21/02	1.7	12.7	ND	ND	ND	3.85	ND	5.72	ND	ND
MW-138A	02/05/03	3.5	11.7	ND	ND	ND	4.53	ND	1.91	ND	ND
MW-238B	10/22/02	5.8	9.16	ND	ND	ND	4.34	ND	5.83	ND	ND
MW-238B	02/05/03	11.6	8.89	ND	ND	ND	4.36	ND	13.6	ND	ND
MW-238C	10/21/02	4.5	7.98	ND	ND	ND	3.32	ND	2.61	ND	ND
MW-238C	02/17/03	11.1	7.64	ND	ND	ND	3.70	ND	5.61	ND	ND

Table 7. Results of analyses[1] for total alkalinity, chloride, ethane, ethene, methane, nitrate, nitrite, sulfate, ferrous [Fe (II)] and total iron in ground-water confirmation samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery,

		Total Alkalinity	Chloride	Ethane[2]	Ethene[2]	Methane[2]	Nitrate	Nitrite	Sulfate	Fe (II) Iron[3]	Total Iron[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date**	**1.0 mg $CaCO_3$/L**	**0.50 mg/L as Cl**	**4.0 µg/L**	**3.0 µg/L**	**2.0 µg/L**	**0.10 mg NO_3-N/L**	**0.10 mg NO_2-N/L**	**0.50 mg/L as SO_4**	**0.50 mg/L as Ferrous Iron**	**0.50 mg/L as Fe**
MW-339	02/07/03	94.6	2.62	ND	ND	ND	0.22	ND	65.1	ND	ND
MW-339	02/18/03	105	2.05	ND	ND	ND	ND	ND	18.2	ND	ND
MW-340	02/07/03	51	1.84	ND	ND	ND	ND	ND	15.4	ND	ND
MW-340	02/20/03	52.1	1.77	ND	ND	ND	ND	ND	12.9	3.60	3.65
MW-341	02/07/03	125	3.74	ND	ND	ND	ND	ND	14.0	ND	ND
MW-341	02/19/03	81.2	2.13	ND	ND	ND	ND	ND	24.7	ND	ND
MW-342	02/07/03	65.4	1.66	ND	ND	ND	ND	ND	9.83	ND	ND

Notes:

[1] Samples were analyzed by **TTL, Inc**. in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

[2] Methane, Ethane, and Ethene samples were analyzed by Severn Trent Laboratories, Inc. (STL) in accordance with Method RSK-175.

[3] Ferrous [Fe(II)] and total iron were analyzed in the field using a CHEMetrics VVR Photometer®.

[4] MDL - Method Detection Limit of compounds for the laboratory analyses

[5] ND - Not detected

[6] NA - Not analyzed. Samples were not analyzed for Ferrous iron [Fe(II)] prior to July 2002.

[7] dup - Duplicate sample collected for quality assurance / quality control purposes.

[8] D - All compounds identified in an analysis at a secondary dilution factor. Ground-water samples collected for methane, ethane, and ethene analysis.

[9] Random total iron samples were collected and analyzed by TTL's laboratory for quality assurance / quality control purposes. The MDL for total iron is 0.05 mg/L for the laboratory analyses.

Table 8. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from Continuous Multi-Channel Tubing (CMT) wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Location	Date Sampled	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1,2-Trichloroethane	Benzene	Bromodichloromethane	Carbon Tetrachloride	Chloroform	Cis-1,2-Dichloroethene	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]
CMT 1-1	02/21/02	304	ND[3]	ND	ND	ND	35.9	ND	ND	ND	ND	61.1	ND	ND	ND	ND	1.0J[4]
	04/04/02	4,790	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	412	ND (<10.0)	ND (<10.0)	ND (<10.0)	43.7	49	ND (<10.0)	ND (<10.0)	26.1B[5]	ND (<10.0)	ND (<10.0)
	05/06/02	2,590	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	379	5.8J	ND (<5.0)	ND (<5.0)	ND (<5.0)	65.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
	07/23/02	7,610	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	797	ND (<10.0)	ND (<10.0)	ND (<10.0)	91.8J	68.4J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
	10/17/02	11,200	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	858	ND (<20.0)	ND (<20.0)	ND (<20.0)	127J	57.4J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
	01/20/03	11,800	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	945	ND (<20.0)	ND (<20.0)	ND (<20.0)	150J	46.0J	ND (<20.0)	ND (<20.0)	20.4J	ND (<20.0)	ND (<20.0)
CMT 1-2	02/21/02	84.2	ND	ND	ND	ND	5.4J	ND	ND	ND	ND	57.0	ND	ND	ND	ND	ND
	04/04/02	2,390	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	117	ND (<5.0)	ND (<5.0)	ND (<5.0)	15.1J	33.1J	ND (<5.0)	ND (<5.0)	12.0B	ND (<5.0)	ND (<5.0)
	05/06/02	1,720	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	95.1	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	42.8J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
	07/23/02	4,790	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	197J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	52.4J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
	10/17/02	6,020	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	253	ND (<10.0)	ND (<10.0)	ND (<10.0)	35.0J	49.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
	01/20/03	7,510	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	296J	ND (<20.0)	ND (<20.0)	ND (<20.0)	59.8J	34.8J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
CMT 1-3	02/21/02	850	NA[6]	NA	23.0J	ND	20,000J	NA	ND	NA	ND	ND	ND	NA	NA	ND	ND
	04/05/02	2,210	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	40.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	22.7J	ND (<5.0)	ND (<5.0)	10.4B	ND (<5.0)	ND (<5.0)
	05/06/02	1,220	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	33.4J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	38.7J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	3.5J
	07/23/02	2,690	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	46.6J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	25.4J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
	10/18/02	3,500	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	54.1J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	12.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
	01/21/03	4,230	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	65.8J	ND (<10.0)	ND (<10.0)	ND (<10.0)	15.2J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
CMT 1-4	02/21/02	NS[7]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	04/05/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	07/23/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/18/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/22/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CMT 1-5	02/21/02	100	NA	NA	18.0J	ND	1,500J	NA	ND	NA	ND	ND	ND	NA	NA	ND	ND
	04/05/02	350J	ND	ND	ND	ND	5.2J	ND	ND	ND	ND	6.9J	ND	ND	1.8B	ND	ND
	05/06/02	192	ND	ND	ND	ND	3.8J	ND	ND	ND	ND	7.9J	ND	ND	ND	ND	2.4J
	07/23/02	417	ND	ND	ND	ND	4.7J	ND	ND	ND	ND	3.2J	ND	ND	ND	ND	ND
	10/18/02	387	ND	ND	ND	ND	4.0J	ND	ND	ND	ND	2.3J	ND	ND	ND	ND	ND
	01/21/03	259	ND	ND	ND	ND	2.3J	ND	ND	ND	ND	1.5J	ND	ND	ND	ND	ND
CMT 1-6	02/21/02	157	ND	ND	ND	ND	27.0	ND	ND	2.7J	ND	54.7	ND	ND	ND	ND	ND
	04/05/02	6,790	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	860	ND (<10.0)	ND (<10.0)	ND (<10.0)	150J	43.1J	ND (<10.0)	ND (<10.0)	24.3B	ND (<10.0)	ND (<10.0)
	05/06/02	4,810	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	845	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	69.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
	07/24/02	6,150	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	831	10.5J	ND (<10.0)	ND (<10.0)	81.0J	65.7J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
	10/18/02	9,420	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	863	ND (<20.0)	ND (<20.0)	ND (<20.0)	148J	48.2J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
	01/21/03	10,500	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	1,060	ND (<20.0)	ND (<20.0)	ND (<20.0)	162J	34.6J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
CMT 1-7	02/21/02	585	ND	ND	ND	ND	77.2	ND	ND	3.3J	14.8J	58.1	ND	ND	ND	ND	ND
	04/05/02	6,430	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	900	ND (<10.0)	ND (<10.0)	ND (<10.0)	166J	25.4J	ND (<10.0)	ND (<10.0)	23.6B	ND (<10.0)	ND (<10.0)
	05/06/02	4,940	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	942	ND (<10.0)	ND (<10.0)	ND (<10.0)	104J	48.8J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
	07/24/02	7,080	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	829	ND (<10.0)	ND (<10.0)	ND (<10.0)	256	23.1J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
	10/21/02	8,250	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	682	ND (<20.0)	ND (<20.0)	ND (<20.0)	159J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
	01/21/03	6,170	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	685	ND (<10.0)	ND (<10.0)	ND (<10.0)	14.7J	11.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)

Table 8. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from Continuous Multi-Channel Tubing (CMT) wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Location	Date Sampled	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1,2-Trichloroethane	Benzene	Bromodichloromethane	Carbon Tetrachloride	Chloroform	Cis-1,2-Dichloroethene	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]
CMT 2-1[8]	02/21/02	1.4J	ND	ND	ND	ND	ND	ND	ND	1.4J	ND	35.4	ND	ND	ND	ND	1.7J
	05/06/02	787	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	11.6J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	29.7J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
	07/24/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/21/02	1,410	ND	ND	ND	ND	15.2J	ND	ND	ND	ND	13.3J	2.4J	ND	ND	ND	ND
	01/20/03	1,210	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	19.8J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	11.2J	2.6J	ND (<2.0)	2.4J	ND (<2.0)	ND (<2.0)
CMT 2-2[8]	02/21/02	1.9J	ND	ND	ND	ND	ND	ND	ND	3.4J	ND	28.2	ND	ND	ND	ND	ND
	05/06/02	4,090	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	68.5J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	18.3J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
	07/24/02	4,550	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	71.6J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	13.6J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
	10/21/02	5,670	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	74.0J	ND (<10.0)	ND (<10.0)	ND (<10.0)	26.0J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
	01/20/03	6,340	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	77.4J	ND (<10.0)	ND (<10.0)	ND (<10.0)	25.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
CMT 2-3[8]	02/21/02	5.6J	ND	ND	ND	ND	ND	ND	ND	1.3J	ND	43.5	ND	ND	ND	ND	ND
	05/06/02	2,770	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	72.8J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	25.1J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
	07/24/02	3,500	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	96.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	61.5J	21.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
	10/22/02	7,410	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	156J	ND (<10.0)	ND (<10.0)	ND (<10.0)	54.1J	12.9J	12.5J	ND (<10.0)	11.5B	ND (<10.0)	ND (<10.0)
	01/20/03	7,440	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	170J	ND (<10.0)	ND (<10.0)	ND (<10.0)	42.9J	10.3J	182J	ND (<10.0)	10.1J	ND (<10.0)	ND (<10.0)
CMT 2-4[8]	02/21/02	1.7J	ND	ND	ND	ND	ND	ND	ND	2.7J	ND	42.8	ND	ND	ND	ND	1.0J
	05/06/02	1,320	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	44.5J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	31.4J	ND (<2.5)	ND (<2.5)	4.4J	ND (<2.5)	ND (<2.5)
	07/25/02	2,140	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	63.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	28.6J	ND (<5.0)	ND (<5.0)	8.5J	ND (<5.0)	ND (<5.0)
	10/22/02	4,180	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	79.0J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	13.8J	ND (<10.0)	ND (<10.0)	14.2B	ND (<10.0)	ND (<10.0)
	01/21/03	4,720	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	101J	ND (<10.0)	ND (<10.0)	ND (<10.0)	20.5J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
CMT 2-5[8]	02/21/02	ND	ND	ND	ND	ND	ND	ND	ND	2.2J	ND	45.4	ND	ND	ND	ND	1.1J
	05/07/02	79.3	ND	ND	ND	ND	6.5J	ND	ND	ND	ND	6.0J	ND	ND	ND	ND	1.3J
	07/25/02	83.1	ND	ND	ND	ND	7.0J	ND	ND	ND	ND	6.3J	ND	ND	ND	ND	ND
	10/22/02	267	ND	ND	ND	ND	13.1J	ND	ND	ND	ND	4.9J	ND	ND	ND	ND	ND
	01/21/03	1,080	ND	ND	ND	ND	34.4	ND	ND	ND	8.3J	2.1J	ND	ND	ND	ND	ND
CMT 2-6[8]	02/21/02	ND	ND	ND	ND	ND	1.0J	ND	ND	1.5J	ND	64.4	ND	ND	ND	ND	1.9J
	05/07/02	11.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.0	ND	ND	9.1J	ND	2.7J
	07/25/02	17.1J	1.6J	ND	ND	ND	1.4J	ND	ND	ND	ND	6.2J	ND	ND	1.5J	ND	1.0J
	10/23/02	32.9	ND	ND	ND	ND	2.2J	ND	ND	ND	ND	3.9J	ND	ND	4.2B	ND	ND
	01/21/03	115	ND	ND	ND	ND	6.5J	ND	ND	ND	ND	2.6J	5.5J	ND	ND	ND	ND
CMT 2-7[8]	02/21/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	46	ND	ND	ND	ND	1.1J
	05/07/02	1.3J	ND	ND	ND	ND	8.6J	ND	ND	ND	ND	36.3	ND	ND	ND	ND	3.1J
	07/25/02	3.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.0J	ND	ND	9.2J	ND	1.0J
	10/23/02	4.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9J	ND	ND	3.9B	ND	ND
	01/21/03	18.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0J	2.2J	ND	ND	ND	ND

Table 8. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from Continuous Multi-Channel Tubing (CMT) wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Location	Date Sampled	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1,2-Trichloroethane	Benzene	Bromodichloromethane	Carbon Tetrachloride	Chloroform	Cis-1,2-Dichloroethene	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]
CMT 3-1[9]	10/22/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/21/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CMT 3-2[9]	10/22/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/22/03	245	ND	ND	ND	ND	1.9J	ND	ND	ND	ND	1.7J	ND	ND	ND	ND	ND
CMT 3-3[9]	10/22/02	22.2	ND	ND	ND	ND	ND	ND	ND	5.5J	ND	28.9	ND	1.0J	5.4B	ND	ND
	01/22/03	395	ND	ND	ND	ND	2.8J	ND	ND	ND	ND	5.7J	ND	ND	ND	ND	ND
CMT 3-4[9]	10/22/02	323	ND	ND	ND	ND	4.4J	ND	ND	5.3J	ND	26.0	ND	1.1J	5.5B	ND	ND
	01/22/03	2,770	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	56.4J	ND (<5.0)	ND (<5.0)	ND (<5.0)	20.5J	10.0J	ND (<5.0)	ND (<5.0)	5.5J	ND (<5.0)	ND (<5.0)
CMT 3-5[9]	10/23/02	22.0	ND	ND	ND	ND	1.2J	ND	ND	1.7J	ND	15.6J	ND	ND	4.0B	ND	ND
	01/23/03	1,200	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	86.1	ND (<2.5)	ND (<2.5)	ND (<2.5)	15.3J	5.3J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
CMT 3-6[9]	10/23/02	13.5J	ND	ND	ND	ND	8.9J	ND	ND	4.4J	ND	33.9	ND	ND	4.4B	ND	ND
	01/23/03	245	ND	ND	ND	ND	228	ND	ND	ND	42.3	4.2J	ND	ND	ND	ND	ND
CMT 3-7[9]	10/23/02	ND	ND	ND	ND	ND	ND	ND	ND	6.5J	ND	36.6	ND	1.3J	3.9B	ND	ND
	01/23/03	7.9J	ND	ND	ND	ND	11.3J	ND	ND	ND	1.9J	8.5J	ND	ND	ND	ND	ND
CMT 4-1[9]	10/25/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/22/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CMT 4-2[9]	10/25/02	255	ND	ND	ND	ND	1.6J	ND	ND	1.0J	ND	12.2J	ND	ND	ND	ND	ND
	01/22/03	193	ND	ND	ND	ND	1.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CMT 4-3[9]	10/25/02	1,360	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	14.9J	ND (<2.5)	ND (<2.5)	3.6J	7.2J	23.8J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
	01/22/03	3,040	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	46.3J	ND (<10.0)	ND (<10.0)	ND (<10.0)	11.0J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
CMT 4-4[9]	10/25/02	2,150	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	56.6J	ND (<5.0)	ND (<5.0)	ND (<5.0)	23.1J	27.4J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
	01/22/03	9,680	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	487	ND (<20.0)	ND (<20.0)	ND (<20.0)	106J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
CMT 4-5[9]	10/25/02	38.4	2.0J	ND	ND	ND	3.3J	ND	ND	2.1J	ND	19.9J	ND	ND	ND	ND	ND
	01/22/03	9,360	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	826	ND (<20.0)	ND (<20.0)	ND (<20.0)	150J	28.6J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
CMT 4-6[9]	10/28/02	2,210	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	105	ND (<5.0)	ND (<5.0)	ND (<5.0)	38.2J	8.3J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
	01/23/03	13,500	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	688	ND (<20.0)	ND (<20.0)	ND (<20.0)	187J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
CMT 4-7[9]	10/28/02	2,440	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	103	ND (<5.0)	ND (<5.0)	ND (<5.0)	37.5J	16.6J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
	01/23/03	12,600	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	581	ND (<20.0)	ND (<20.0)	ND (<20.0)	135J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)

Notes:

[1] Samples were analyzed by **TTL, Inc.** in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846 with the exception of CMT-1 Ports 3 and 5 which were analyzed by Plains Environmental Services on 2/21/02 using a heated head-space method in a mobile laboratory.

[2] MDL - Method Detection Limit of 1.0 microgram per liter (µg/L) for the laboratory analyses. Detection limits varied for some samples and are indicated in parentheses ( ).

[3] ND - Not detected; Detection limits varied for some samples and are indicated in parentheses (). Compounds were not detected at an elevated detection level for the sample.

[4] J - Concentration below calibration curve, but above detection limit

[5] B - Compound of interest was found above the detection limit concentration in a laboratory sample

[6] NA - Not analyzed

[7] NS - Not sampled; due to insufficient water. CMT 1, Port 4 is believed to have bentonite surrounding the port.

[8] CMT 2 was not sampled on 4/5/02 because CMT-1 was the only well selected for sampling.

[9] CMT 3 and CMT 4 were not installed until October 2002. CMT 3 was installed on 10/17/02 and CMT 4 on 10/16/02.

Table. 9 Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] and total iron, methane, ethane, and ethene in Continuous Multi-channel Tubing (CMT) wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

			Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
			Method Detection Limit[4]									
Boring Identifier	**Sample Identifier**	**Sample Date**	**1.0 mg $CaCO_3$/L**	**0.50 mg/L as Cl**	**0.10 mg NO_3-N/L**	**0.10 mg NO_2-N/L**	**0.50 mg/L as SO_4**	**0.50 mg/L as Ferrous Iron**	**0.50 mg/L as Fe**	**2.0 µg/L**	**4.0 µg/L**	**3.0 µg/L**
CMT 1	Port 1	07/22/2002	220	12.8	ND[5]	ND	155	3.55	6.35	ND	ND	ND
		10/17/2002	158	12.4	0.40	ND	49.3	4.75	6.25	ND	ND	ND
		01/20/2003	128	11.1	0.79	ND	13.1	5.25	5.25	ND	ND	ND
	Port 2	07/23/2002	194	15.3	ND	ND	144	3.75	2.65	ND	ND	ND
		10/17/2002	121	15.7	0.57	ND	64.3	11.0	12.0	ND	ND	ND
		01/20/2003	107	14.2	1.47	ND	16.5	7.75	8.00	ND	ND	ND
	Port 3	07/23/2002	114	17.1	1.41	ND	162	1.55[6]	2.00	ND	ND	ND
		10/18/2002	69.9	15.0	3.48	ND	30.8	5.25	5.50	ND	ND	ND
		01/21/2003	742	13.3	4.35	ND	5.58	6.00	6.00	ND	ND	ND
	Port 4	10/18/2002	NS[7]	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/21/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Port 5	07/23/2002	41.5	14.6	3.01	ND	15.8	2.90	6.20	ND	ND	ND
		10/18/2002	37.9	12.3	2.50	ND	6.34	6.25	7.00	ND	ND	ND
		01/21/2003	19.4	13.1	3.95	ND	5.78	5.75	6.00	ND	ND	ND
	Port 6	07/24/2002	144	11.2	ND	ND	105	1.60[6]	1.85	ND	ND	ND
		10/18/2002	108	11.6	0.27	0.13	38.9	7.75	8.00	ND	ND	ND
		01/21/2003	77.3	11.0	0.61	0.20	13.3	7.50	7.50	ND	ND	ND
	Port 7	07/24/2002	43.2	9.62	4.02	ND	29.0	2.20	2.15	ND	ND	ND
		10/21/2002	25.9	8.99	5.25	ND	2.67	ND	ND	ND	ND	ND
		01/21/2003	17.2	9.52	6.12	ND	1.16	0.50	0.50	ND	ND	ND

Table. 9 Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] and total iron, methane, ethane, and ethene in Continuous Multi-channel Tubing (CMT) wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

			Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
			Method Detection Limit[4]									
Boring Identifier	**Sample Identifier**	**Sample Date**	**1.0 mg $CaCO_3$/L**	**0.50 mg/L as Cl**	**0.10 mg NO_3-N/L**	**0.10 mg NO_2-N/L**	**0.50 mg/L as SO_4**	**0.50 mg/L as Ferrous Iron**	**0.50 mg/L as Fe**	**2.0 µg/L**	**4.0 µg/L**	**3.0 µg/L**
Boring Identifier	**Sample Identifier**	**Sample Date**	**1.0 mg $CaCO_3$/L**	**0.50 mg/L as Cl**	**0.10 mg NO_3-N/L**	**0.10 mg NO_2-N/L**	**0.50 mg/L as SO_4**	**0.50 mg/L as Ferrous Iron**	**0.50 mg/L as Fe**	**2.0 µg/L**	**4.0 µg/L**	**3.0 µg/L**
CMT 2	Port 1	7/24/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/21/2002	61.9	6.76	0.44	ND	89.8	4.10	4.20	ND	ND	ND
		01/20/2003	57.0	6.13	0.41	ND	79.7	4.00	4.25	ND	ND	ND
	Port 2	07/24/2002	332	5.64	0.55	ND	74.1	1.05	1.05	ND	ND	ND
		10/21/2002	22.4	5.83	1.15	ND	18.9	1.05	1.10	ND	ND	ND
		01/20/2003	22.3	5.49	1.56	ND	8.84	ND	ND	ND	ND	ND
	Port 3	07/24/2002	72.7	5.58	0.36	ND	258	6.00	5.90	ND	ND	ND
		10/22/2002	60.6	4.34	0.92	ND	94.1	1.45	1.50	ND	ND	ND
		01/20/2003	56.6	4.32	0.86	ND	54.7	1.55	1.60	ND	ND	ND
	Port 4	07/25/2002	71.8	10.5	ND	ND	163	2.35[6]	2.40	ND	ND	ND
		10/22/2002	52.6	5.72	0.26	ND	28.5	3.95	3.95	ND	ND	ND
		01/21/2003	40.3	4.37	0.40	ND	4.39	1.70	1.70	ND	ND	ND
	Port 5	07/25/2002	132	3.38	ND	ND	ND	5.15	4.95	5.70	ND	ND
		10/22/2002	105	2.17	0.13	ND	ND	4.40	4.65	8.10	ND	ND
		01/21/2003	63.7	2.92	ND	ND	0.76	1.50	1.50	ND	ND	ND
	Port 6	07/25/2002	208	4.53	ND	ND	4.02	0.50	0.65	ND	ND	ND
		10/23/2002	170	2.30	ND	ND	ND	ND	ND	18.0	ND	ND
		01/21/2003	146	2.33	ND	ND	ND	ND	ND	5.00	ND	ND
	Port 7	07/25/2002	395	12.2	ND	ND	230	6.55	6.60	ND	ND	ND
		10/23/2002	267	4.78	ND	ND	3.20	2.80	4.60	6.80	ND	ND
		01/21/2003	225	4.45	ND	ND	6.34	2.55	2.55	21.0	ND	ND

Table. 9 Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] and total iron, methane, ethane, and ethene in Continuous Multi-channel Tubing (CMT) wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

			Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
			Method Detection Limit[4]									
Boring Identifier	**Sample Identifier**	**Sample Date**	**1.0 mg $CaCO_3$/L**	**0.50 mg/L as Cl**	**0.10 mg NO_3-N/L**	**0.10 mg NO_2-N/L**	**0.50 mg/L as SO_4**	**0.50 mg/L as Ferrous Iron**	**0.50 mg/L as Fe**	**2.0 µg/L**	**4.0 µg/L**	**3.0 µg/L**
CMT 3	Port 1	10/22/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/21/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Port 2	10/22/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/22/2003	20.2	7.13	1.13	ND	24.8	ND	ND	ND	ND	ND
	Port 3	10/22/2002	14.2	9.39	0.67	0.11	60.7	ND	ND	ND	ND	ND
		01/22/2003	14.4	10.6	2.07	ND	43.0	ND	ND	ND	ND	ND
	Port 4	10/22/2002	20.0	11.1	1.08	0.14	56.3	ND	ND	ND	ND	ND
		01/22/2003	21.9	8.93	2.83	ND	10.6	ND	ND	ND	ND	ND
	Port 5	10/23/2002	57.1	8.04	0.21	ND	34.0	ND	ND	ND	ND	ND
		01/23/2003	54.6	2.52	0.36	ND	10.4	ND	ND	ND	ND	ND
	Port 6	10/23/2002	21.6	11.4	0.97	ND	37.8	ND	ND	ND	ND	ND
		01/23/2003	18.1	14.5	9.95	ND	5.82	ND	ND	ND	ND	ND
	Port 7	10/23/2002	12.1	11.2	0.57	ND	37.0	ND	ND	ND	ND	ND
		01/23/2003	35.0	11.4	4.96	ND	22.7	ND	ND	ND	ND	ND

Table. 9 Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] and total iron, methane, ethane, and ethene in Continuous Multi-channel Tubing (CMT) wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

			Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
			Method Detection Limit[4]									
Boring Identifier	**Sample Identifier**	**Sample Date**	**1.0 mg $CaCO_3$/L**	**0.50 mg/L as Cl**	**0.10 mg NO_3-N/L**	**0.10 mg NO_2-N/L**	**0.50 mg/L as SO_4**	**0.50 mg/L as Ferrous Iron**	**0.50 mg/L as Fe**	**2.0 µg/L**	**4.0 µg/L**	**3.0 µg/L**
CMT 4	Port 1	10/25/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/22/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Port 2	10/25/2002	20.7	7.23	1.00	ND	30.6	1.75	1.90	ND	ND	ND
		01/22/2003	13.8	5.29	1.36	ND	12.4	0.65	0.65	ND	ND	ND
	Port 3	10/25/2002	25.6	8.76	0.97	ND	41.5	ND	ND	ND	ND	ND
		01/22/2003	35.3	7.16	1.13	ND	29.9	2.45	2.45	ND	ND	ND
	Port 4	10/25/2002	13.7	7.63	0.56	0.15	37.1	ND	ND	ND	ND	ND
		01/22/2003	21.8	6.92	2.21	ND	30.3	0.95	0.95	ND	ND	ND
	Port 5	10/25/2002	48.1	5.79	0.16	0.10	51.2	ND	ND	ND	ND	ND
		01/22/2003	73.0	5.63	1.57	0.24	28.2	0.90	1.00	ND	ND	ND
	Port 6	10/28/2002	52.8	2.86	0.58	ND	16.5	ND	ND	ND	ND	ND
		01/23/2003	25.0	6.31	3.17	ND	9.80	ND	ND	ND	ND	ND
	Port 7	10/28/2002	27.3	4.77	0.69	ND	23.7	ND	ND	ND	ND	ND
		01/23/2003	22.2	7.19	2.74	ND	22.7	ND	ND	ND	ND	ND

Table. 9 Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] and total iron, methane, ethane, and ethene in Continuous Multi-channel Tubing (CMT) wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

			Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
			Method Detection Limit[4]									
Boring Identifier	**Sample Identifier**	**Sample Date**	**1.0 mg $CaCO_3$/L**	**0.50 mg/L as Cl**	**0.10 mg NO_3-N/L**	**0.10 mg NO_2-N/L**	**0.50 mg/L as SO_4**	**0.50 mg/L as Ferrous Iron**	**0.50 mg/L as Fe**	**2.0 µg/L**	**4.0 µg/L**	**3.0 µg/L**
CMT 5	Port 1	10/24/2002	3.40	6.49	1.89	ND	2.04	ND	ND	ND	ND	ND
	Port 2	10/24/2002	5.60	6.08	1.83	0.15	22.5	ND	ND	ND	ND	ND
	Port 3	10/24/2002	3.00	4.25	3.39	ND	2.92	ND	ND	ND	ND	ND

Notes:

[1] Samples were analyzed by **TTL, Inc**. in accordance with methods outlined in _____, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

[2] Ferrous [Fe (II)] and total iron were analyzed in the field using a CHEMetrics VVR photometer®.

[3] Methane, Ethane, and Ethene samples were analyzed by Severn Trent Laboratories, Inc. (STL) in accordance with Method RSK-

[4]

[5] ND - Not detected

[6] Ferrous [Fe (II)] iron concentrations were recalculated in April 2003 due to field calculation errors.

[7] NS - Not sampled. A ground-water sample was not collected from CMT 1-4 on 7/23/02, 10/18/02, and 1/21/03 and CMT 2-1 on 7/24/02 because of insufficient water. A ground-water sample also was not collected from port 1 of CMT 3 and 4 on 10/22/02, 10/25/02, 1/21/03, and 1/22/03 because of insufficient water.

Table 10. Results of total organic carbon (TOC)[1] detected in ground-water samples from monitoring wells; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Identifier	Sample Date	Total Organic Carbon (Concentrations are expressed in milligrams per liter) 0.50 mg/L [2]
MW-2A	7/11/2002	0.6
	10/9/2002	1.7
	1/14/2003	23.7
MW-3A	7/12/2002	ND[3]
	10/9/2002	0.9
	1/14/2003	11.3
MW-106	4/9/2002	ND (<5.0)
	7/9/2002	1.4
	10/3/2002	1.9
	1/6/2003	32.4
MW-206	4/9/2002	ND (<5.0)
	7/9/2002	1.8
	10/3/2002	0.8
	1/6/2003	5.10
MW-107	4/9/2002	ND (<5.0)
	7/9/2002	0.9
	10/2/2002	NC
	1/7/2003	5.60
MW-207	4/9/2002	ND (<5.0)
	7/9/2002	0.7
	10/2/2002	NC[4]
	1/7/2003	7.40
MW-223	7/17/2002	0.5
	10/3/2002	1.1
	1/8/2003	16.9

Sample Identifier	Sample Date	Total Organic Carbon (Concentrations are expressed in milligrams per liter) 0.50 mg/L [2]
MW-225	7/16/2002	0.5
MW-225 dup[5]	7/16/2002	0.5
MW-225	10/3/2002	1.5
	1/15/2003	13.2
MW-228	7/18/2002	0.5
	10/14/2002	0.8
MW-228 dup	10/14/2002	0.7
MW-228	1/16/2003	7.80
MW-130	7/19/2002	0.8
	10/16/2002	0.8
	1/17/2003	1.6
MW-230	7/19/2002	1.1
	10/16/2002	0.9
	1/17/2003	1.00
MW-131	7/11/2002	0.9
	10/9/2002	1.0
	1/14/2003	8.90
MW-231	7/11/2002	1.0
	10/9/2002	0.7
MW-231 dup	10/9/2002	0.9
MW-231	1/14/2003	7.80

Notes:

[1] Samples were analyzed by **TTL, Inc.** in accordance with Methods outlined in Standard Methods for the Examination of Water & Wastewater, Eighteenth Edition, 1992.

[2] MDL - Method Detection Limit. The MDL for samples analyzed prior to 6/19/02 was 5.0 mg/L. The MDL for samples analyzed after 6/19/02 is 0.50 mg/L.

[3] ND - Not detected

[4] NC - Not collected. Samples were not collected from monitoring wells MW-107 and MW-207 on 10/2/02.

[5] dup - Duplicate sample collected for quality assurance / quality control purposes.

Table 11. Results of analyses for volatile organic compounds (VOCs)[1] in ground-water samples collected using diffusion bag samplers and standard sampling methods; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample ID	Screened Interval (ft, BLS)[2]	Depth Sampler Placed/ Depth of Bottom of Pump (ft.BLS)	Purge Rate (gpm)[3]	Sample Date	Trichloroethylene	Vinyl Chloride	1, 1 Dichloroethene	cis-1,2-Dichloroethene	1, 1, 1-Trichloroethane	Carbon Tetrachloride	Chloromethane	Chloroform	Benzene	Toluene	Ethyl Benzene	m,p-Xylenes	O-Xylene
					(Concentrations are in micrograms per liter [µg/l])												
					1.0 µg/l[4]	1.0 µg/l[4]	1.0 µg/l[4]	1.0 µg/l[4]	1.0 µg/l[4]	1.0 µg/l[4]	1.0 µg/l[4]	1.0 µg/l[4]	1.0 µg/l[4]	1.0 µg/l[4]	1.0 µg/l[4]	1.0 µg/l[4]	1.0 µg/l[4]
MW-1A Diffusion	33-43	40-42	--[5]	1/17/2003 - 2/18/2003	717	ND[6]	2.5J[7]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-1A		42	--	2/18/2003	1,080	ND (<2.5)	5.9J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-105 Diffusion	20.5-26.5	23.5-25.5	--	1/17/2003 - 2/18/2003	3.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-105		25.5	0.3	2/18/2003	13.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-213 Diffusion	31.5-35.5	32.5-34.5	--	1/17/2003 - 2/17/2003	15.0J	ND	ND	ND	ND	ND	1.8J	ND	ND	ND	ND	ND	ND
MW-213		34.5	0.3	2/17/2003	81.3	ND	6.7J	ND	ND	1.7J	1.3J	ND	ND	ND	ND	ND	ND
MW-226 Diffusion	11.5-20.5	17.5-19.5	--	1/17/2003 - 2/17/2003	11.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-226		19.5	0.7	2/17/2003	361	ND	1.6J	2.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-138A Diffusion	34-38.5	35.5-37.5	--	1/17/2003 - 2/5/2003	253	ND	1.4J	ND	ND	ND	ND	ND	11.0J	ND	ND	ND	ND
MW-138A		37.5	0.2	2/5/2003	4,340	ND (<10.0)	67.8J	ND (<10.0)	ND (<10.0)	33.8J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
MW-238B Diffusion	44-48.5	45.5-47.5	--	1/17/2003 - 2/5/2003	29.3	ND	2.8J	ND	ND	ND	ND	ND	5.5J	ND	ND	ND	ND
MW-238B		47.5	0.4	2/5/2003	16,700	ND (<20.0)	1,040	ND (<20.0)	ND (<20.0)	263	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
Pump Rinse 1	--	--		2/5/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rinse (Bladder Pump)	--	--		2/17/2003	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND
Rinse (Bladder Pump 2)	--	--		2/17/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Blank	--	--		2/5/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Blank	--	--		2/17/2003 [9]	ND	ND	ND	ND	ND	ND	1.0J	ND	ND	ND	ND	ND	ND
Blank	--	--		2/17/2003	ND	ND	ND	ND	ND	ND	1.3J	ND	ND	ND	ND	ND	ND

Notes:

[1] Samples were analyzed by **TTL, Inc**. in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

[2] ft, BLS - Feet, below land surface

[3] gpm - gallons per minute

[4] MDL - Method Detection Limit of 1.0 microgram per liter (µg/l) for laboratory purposes.

[5] Date range indicates date diffusion bag samplers placed in the well and the date samplers were retrieved.

[6] ND - Not detected

[7] J - Concentration below calibration curve, but above detection limit

[8] The total volume of water purged from well MW-226 was not recorded; therefore a purge rate could not be calculated.

[9] Two separate blank samples taken on this date due to two field crews at different wells.

Table 12. Results of analyses for volatile organic compounds (VOCs)[1] and treated volumes of water from the treatment system; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Carbon Filter 1[2]	Carbon Filter 2	Carbon Filter 3	Trip Blanks	Volume Treated
	[Concentrations are expressed in micrograms per liter (µg/l)]				
Sample Date	**1.0 µg/l [3]**	**1.0 µg/l [3]**	**1.0 µg/l [3]**	**1.0 µg/l [3]**	**(gallons)**
January 13, 2003					
1,1-Dichloroethene	3.7J[4]	NS[5]	ND[6]	ND	889
Carbon Tetrachloride	1.4J		ND	ND	
Chloroform	2.2J		ND	ND	
Chloromethane	ND		ND	ND	
Trichloroethylene	248J		ND	ND	
Vinyl Chloride	ND		ND	ND	
January 17, 2003					
1,1-Dichloroethene	21.8J	NS	ND	ND	804
Carbon Tetrachloride	6.2J		ND	ND	
Chloroform	ND (<5.0)		ND	ND	
Chloromethane	ND (<5.0)		ND	ND	
Trichloroethylene	563		ND	ND	
Vinyl Chloride	ND (<5.0)		ND	ND	
January 23, 2003					
1,1-Dichloroethene	ND	NS	ND	ND	1,798
Carbon Tetrachloride	ND		ND	ND	
Chloroform	ND		ND	ND	
Chloromethane	ND		ND	ND	
Trichloroethylene	ND		ND	ND	
Vinyl Chloride	ND		ND	ND	
Total Volume Treated - January 2003					**3,491**

Table 12. Results of analyses for volatile organic compounds (VOCs)[1] and treated volumes of water from the treatment system; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Carbon Filter 1[2]	Carbon Filter 2	Carbon Filter 3	Trip Blanks	Volume Treated
	[Concentrations are expressed in micrograms per liter (µg/l)]				
Sample Date	**1.0 µg/l [3]**	**1.0 µg/l [3]**	**1.0 µg/l [3]**	**1.0 µg/l [3]**	**(gallons)**
February 3, 2003					
1,1-Dichloroethene	ND	NS	ND	ND	1,757
Carbon Tetrachloride	ND		ND	ND	
Chloroform	12.3J		ND	ND	
Chloromethane	ND		ND	ND	
Trichloroethylene	3.0J		ND	ND	
Vinyl Chloride	ND		ND	ND	
February 19, 2003					
1,1-Dichloroethene	ND	NS	ND	ND	1,194
Carbon Tetrachloride	ND		ND	ND	
Chloroform	631		1.2J	ND	
Chloromethane	11.8J		3.4J	2.0J	
Trichloroethylene	80.2J		ND	ND	
Vinyl Chloride	ND (<10.0)		ND	ND	
Total Volume Treated - February 2003					**2,951**

Notes:

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

[3] MDL - Method Detection Limit of 1.0 microgram per liter (µg/L) for the laboratory analyses

[4] J - Concentration below calibration curve, but above detection limit

[5] NS - No sample collected this month.

[6] ND - Not Detected; Detection limits varied for some samples and are indicated in parentheses ( ). Compounds were not detected at an elevated detection level for the sample.

Table 13. Concentrations of volatile organic compounds (VOCs)[1] in samples of soil from the low-lying area; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in soil samples are shown on Figure 6.]

			Soil Lab Results								
			Trichloroethylene	Trichlorofluoromethane	Benzene	Toluene	M,P-Xylenes	Cis-1,2-Dichloroethene	Vinyl Chloride	Cis-1,3-Dichloropropene	Methylene Chloride[2]
			[Concentrations are in micrograms per kilogram (µg/kg)]								
Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]
A	11/15/2001	6	ND[4]	ND	ND	ND	ND	ND	ND	ND	4.3J[5]
A	2/13/2002	12	ND	6.3	ND	ND	ND	ND	ND	ND	ND
A	5/22/2002	-	NC[6]	NC	NC	NC	NC	NC	NC	NC	NC
B	11/15/2001	5	ND	ND	ND	ND	ND	ND	ND	ND	3.6J
B	2/13/2002	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
B - dup[7]	2/13/2002	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
B	5/22/2002	-	NC	NC	NC	NC	NC	NC	NC	NC	NC
C	11/15/2001	8	ND	ND	ND	ND	ND	ND	ND	ND	5.7J
C	2/13/2002	8	NR[8]	NR	NR	NR	NR	NR	NR	NR	NR
C	5/22/2002	-	NC	NC	NC	NC	NC	NC	NC	NC	NC
D	11/15/2001	8	ND	ND	ND	3.3J	ND	ND	ND	ND	ND
D-dup	11/15/2001	8	ND	ND	ND	12.4J	ND	ND	ND	ND	ND
D	2/13/2002	8	ND	ND	5.0	ND	ND	ND	ND	ND	ND
D	5/22/2002	-	NC	NC	NC	NC	NC	NC	NC	NC	NC
E	11/15/2001	4	ND	ND	ND	25.5J	ND	ND	ND	ND	3.9J
E	2/13/2002	7	ND	ND	ND	9.5	ND	ND	ND	ND	ND
E	5/22/2002	-	NC	NC	NC	NC	NC	NC	NC	NC	NC
F	11/15/2001	6	ND	ND	ND	8.8J	ND	ND	ND	ND	10.6J
F	2/13/2002	11	ND	ND	ND	ND	ND	ND	ND	ND	ND
F	5/22/2002	-	NC	NC	NC	NC	NC	NC	NC	NC	NC
G	11/15/2001	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
G	2/13/2002	7	ND	14.4	ND	ND	ND	ND	ND	ND	ND
G	5/22/2002	-	NC	NC	NC	NC	NC	NC	NC	NC	NC
H	11/15/2001	6	ND	ND	ND	ND	ND	ND	ND	ND	ND
H	2/13/2002	4	ND	ND	ND	ND	ND	ND	ND	ND	ND
H	5/22/2002	-	NC	NC	NC	NC	NC	NC	NC	NC	NC
I	11/16/2001	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
I	2/14/2002	5	12.1	ND	ND	ND	ND	ND	ND	ND	ND
I	5/22/2002	5	6.8J	ND	ND	4.7J	1.9J	ND	ND	ND	4.2J
I	9/17/2002	6	ND[9]	ND	ND	ND	ND	ND	ND	ND	ND
I	10/31/2002	6	ND	ND	ND	ND	ND	ND	ND	ND	ND
I	1/14/2003	8	ND (<2.6)[10]	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)
J	11/16/2001	8	ND	ND	ND	ND	ND	ND	ND	ND	ND
J	2/14/2002	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
J	5/22/2002	8	ND	ND	ND	4.1J	ND	ND	ND	ND	7.5J
J	9/17/2002	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
J	10/31/2002	8	ND	ND	ND	ND	ND	ND	ND	ND	ND
J	1/14/2003	8	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)

Table 13. Concentrations of volatile organic compounds (VOCs)[1] in samples of soil from the low-lying area; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in soil samples are shown on Figure 6.]

			Soil Lab Results								
			Trichloroethylene	Trichlorofluoromethane	Benzene	Toluene	M,P-Xylenes	Cis-1,2-Dichloroethene	Vinyl Chloride	Cis-1,3-Dichloropropene	Methylene Chloride[2]
			[Concentrations are in micrograms per kilogram (µg/kg)]								
Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]
K	11/16/2001	8	ND	ND	ND	ND	ND	ND	ND	ND	3.1J
K-dup	11/16/2001	8	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	2/14/2002	11	ND	ND	ND	ND	ND	ND	ND	ND	ND
K-dup	2/14/2002	11	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	5/22/2002	12	ND	ND	ND	6.0J	ND	ND	ND	ND	3.2J
K	9/17/2002	12	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	10/31/2002	12	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	1/14/2003	10	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)
L	11/16/2001	10	3.9J	ND	ND	ND	ND	ND	ND	ND	3.1J
L	2/14/2002	8	ND	ND	ND	ND	ND	ND	ND	ND	ND
L	5/22/2002	10	ND	ND	ND	ND	ND	ND	ND	ND	4.8J
L-dup	5/22/2002	10	ND	ND	ND	ND	ND	ND	ND	ND	4.8J
L	9/17/2002	8	26.4J	ND	ND	ND	ND	6.3J	ND	ND	ND
L	10/31/2002	12	ND	ND	ND	ND	ND	ND	ND	ND	ND
L	1/14/2003	9	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)
M	11/16/2001	10	ND	ND	ND	ND	ND	ND	ND	ND	4.8J
M	2/14/2002	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
M	5/22/2002	8	ND	ND	ND	3.0J	ND	ND	ND	ND	3.3J
M	9/17/2002	8	ND	ND	ND	ND	ND	ND	ND	ND	ND
M	10/31/2002	6	ND	ND	ND	ND	ND	ND	ND	ND	ND
M	1/14/2003	9	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)
N	11/15/2001	3	50.6J	ND	ND	16.4J	ND	ND	ND	ND	6.6J
N	2/13/2002	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
N	5/22/2002	10	ND	ND	ND	ND	ND	ND	ND	ND	3.3J
N	9/17/2002	8	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-dup	9/17/2002	8	ND	ND	ND	ND	ND	ND	ND	ND	ND
N	10/31/2002	12	ND	ND	ND	3.2J	ND	ND	ND	ND	ND
N	1/14/2003	8	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)
O	11/15/2001	3	ND	ND	ND	3.3J	ND	ND	ND	ND	3.1J
O	2/13/2002	8	ND	ND	ND	ND	ND	ND	ND	ND	ND
O	5/22/2002	8	ND	5.7J	ND	4.0J	ND	ND	ND	ND	4.8J
O	9/17/2002	12	ND	ND	ND	ND	ND	ND	ND	ND	ND
O	10/31/2002	12	ND	ND	ND	7.1J	ND	ND	35.1	ND	ND
O	1/14/2003	11	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)

Table 13. Concentrations of volatile organic compounds (VOCs)[1] in samples of soil from the low-lying area; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in soil samples are shown on Figure 6.]

			Soil Lab Results								
			Trichloroethylene	Trichlorofluoromethane	Benzene	Toluene	M,P-Xylenes	Cis-1,2-Dichloroethene	Vinyl Chloride	Cis-1,3-Dichloropropene	Methylene Chloride[2]
			[Concentrations are in micrograms per kilogram (µg/kg)]								
Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]
P	11/15/2001	2	ND	7.1J	ND	ND	ND	ND	ND	ND	ND
P	2/13/2002	9	10.6	ND	ND	ND	ND	ND	ND	ND	ND
P	5/22/2002	11	7.0J	ND	ND	ND	ND	ND	ND	ND	6.7J
P	9/17/2002	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
P	10/31/2002	8	ND	ND	ND	ND	ND	ND	ND	ND	ND
P	1/14/2003	10	11.0	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)

Notes:

[1] Samples were analyzed by **TTL, Inc.** in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

[2] Methylene Chloride is considered to have been present in the laboratory during analysis of the samples.

[3] MDL - Method Detection Limit of 3.0 micrograms per kilogram (µg/kg) for the soil laboratory analyses

[4] ND - Not Detected

[5] J - Concentration below the calibration curve, but above the detection limit

[6] NC - Not Collected, Quarterly sampling was initiated after the February 2002 sampling event and the only sample locations to be sampled are I through P.

[7] dup - Duplicate sample collected for quality assurance/quality control purposes.

[8] NR - Not Reported, analytical results were not reported by STL laboratories because the soil sample appeared to have something in the matrix which caused the sample not to purge.

[9] Results are reported on "wet-weight" basis.

[10] Soil samples collected on 1/14/03 were analyzed by STL Laboratories because **TTL**

Table 14. Concentrations of volatile organic compounds (VOCs)[1] in samples of surface water from the low-lying area; January and February 2003 Status Report; Coliseum Blouevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 7.]

		Aqueous Lab Results					
		Trichloroethylene	Toluene	Chloromethane	Vinyl Chloride	Cis-1,2-Dichloroethane	Methylene Chloride[2]
		[Concentrations are in micrograms per liter (µg/l)]					
Sample Identifier	Sample Date	1.0 µg/l[3]	1.0 µg/l[3]	1.0 µg/l[3]	1.0 µg/l[3]	1.0 µg/l[3]	1.0 µg/l[3]
A	11/15/2001	ND[4]	ND	ND	ND	ND	ND
A	2/13/2002	ND	ND	ND	ND	ND	ND
A	5/22/2002	NC[5]	NC	NC	NC	NC	NC
B	11/15/2001	NC	NC	NC	NC	NC	NC
B	2/13/2002	ND	ND	ND	ND	ND	ND
B-dup[6]	2/13/2002	ND	ND	ND	ND	ND	ND
B	5/22/2002	NC	NC	NC	NC	NC	NC
C	11/15/2001	NC	NC	NC	NC	NC	NC
C	2/13/2002	ND	ND	ND	ND	ND	ND
C	5/22/2002	NC	NC	NC	NC	NC	NC
D	11/15/2001	NC	NC	NC	NC	NC	NC
D-dup	11/15/2001	NC	NC	NC	NC	NC	NC
D	2/13/2002	ND	ND	ND	ND	ND	ND
D	5/22/2002	NC	NC	NC	NC	NC	NC
E	11/15/2001	NC	NC	NC	NC	NC	NC
E	2/13/2002	ND	ND	ND	ND	ND	ND
E	5/22/2002	NC	NC	NC	NC	NC	NC
F	11/15/2001	NC	NC	NC	NC	NC	NC
F	2/13/2002	ND	1.1J[7]	ND	ND	ND	ND
F	5/22/2002	NC	NC	NC	NC	NC	NC
G	11/15/2001	NC	NC	NC	NC	NC	NC
G	2/13/2002	ND	ND	ND	ND	ND	ND
G	5/22/2002	NC	NC	NC	NC	NC	NC
H	11/15/2001	ND	ND	ND	ND	ND	ND
H	2/13/2002	ND	ND	ND	ND	ND	ND
H	5/22/2002	NC	NC	NC	NC	NC	NC
I	11/16/2001	4.6J	ND	ND	ND	ND	ND
I	2/14/2002	5.0J	ND	ND	ND	ND	ND
I	5/22/2002	2.3J	ND	ND	ND	ND	ND
I	9/17/2002	ND	ND	ND	ND	ND	ND
I	10/31/2002	4.2J	ND	ND	ND	ND	ND
I	1/14/2003	4.3J	ND	ND	ND	ND	ND
J	11/16/2001	2.8J	ND	ND	ND	ND	ND
J	2/14/2002	3.9J	ND	ND	ND	ND	ND
J	5/22/2002	1.9J	ND	ND	ND	ND	ND
J	9/17/2002	ND	ND	ND	ND	ND	ND
J	10/31/2002	3.9J	ND	ND	ND	ND	ND
J	1/14/2003	2.9J	ND	ND	ND	ND	ND

Continued on next page

Table 14. Concentrations of volatile organic compounds (VOCs)[1] in samples of surface water from the low-lying area; January and February 2003 Status Report; Coliseum Blouevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 7.]

		Aqueous Lab Results					
		Trichloroethylene	Toluene	Chloromethane	Vinyl Chloride	Cis-1,2-Dichloroethane	Methylene Chloride[2]
		[Concentrations are in micrograms per liter (µg/l)]					
Sample Identifier	Sample Date	1.0 µg/l[3]	1.0 µg/l[3]	1.0 µg/l[3]	1.0 µg/l[3]	1.0 µg/l[3]	1.0 µg/l[3]
K	11/16/2001	4.9J	ND	ND	ND	ND	ND
K-dup	11/16/2001	4.9J	ND	ND	ND	ND	ND
K	2/14/2002	16.4J	ND	ND	ND	ND	ND
K-dup	2/14/2003	16.2J	ND	ND	ND	ND	ND
K	5/22/2002	5.5J	ND	ND	ND	ND	ND
K	9/17/2002	2.2J	1.4J	ND	ND	ND	ND
K	10/31/2002	5.5J	ND	ND	ND	ND	ND
K	1/14/2003	13.9J	ND	ND	ND	ND	ND
L	11/16/2001	2.9J	ND	ND	ND	ND	ND
L	2/14/2002	7.9J	ND	ND	ND	ND	ND
L	5/22/2002	2.7J	ND	ND	ND	ND	ND
L-dup	5/22/2002	2.6J	ND	ND	ND	ND	ND
L	9/17/2002	1.4J	ND	ND	ND	ND	ND
L	10/31/2002	3.4J	ND	ND	ND	ND	ND
L	1/14/2003	6.0J	ND	ND	ND	ND	ND
M	11/16/2001	ND	ND	ND	ND	ND	ND
M	2/14/2002	ND	ND	ND	ND	ND	ND
M	5/22/2002	NC	NC	NC	NC	NC	NC
M	9/17/2002	NC	NC	NC	NC	NC	NC
M	10/31/2002	NC	NC	NC	NC	NC	NC
M	1/14/2003	ND	ND	ND	ND	ND	ND
N	11/15/2001	7.0J	ND	ND	ND	ND	ND
N	2/13/2002	16.8J	ND	ND	ND	ND	ND
N	5/22/2002	7.6J	ND	ND	ND	ND	ND
N	9/17/2002	3.7J	ND	ND	ND	ND	ND
N-dup	9/17/2002	3.7J	ND	ND	ND	ND	ND
N	10/31/2002	10.0J	ND	ND	ND	ND	ND
N	1/14/2003	15.2J	ND	ND	ND	ND	ND
O	11/15/2001	NC	NC	NC	NC	NC	NC
O	2/13/2002	ND	ND	ND	ND	ND	ND
O	5/22/2002	NC	NC	NC	NC	NC	NC
O	9/17/2002	ND	ND	1.0J	ND	ND	ND
O	10/31/2002	2.5J	ND	ND	4.8J	15.3J	ND
O	1/14/2003	4.8J	ND	ND	ND	14.4J	ND
P	11/15/2001	16.8J	ND	ND	ND	ND	ND
P	2/13/2002	41.2	ND	ND	ND	ND	ND
P	5/22/2002	22.4	ND	ND	ND	ND	ND
P	9/17/2002	10.5J	ND	ND	ND	ND	ND
P	10/31/2002	25.1	ND	ND	ND	ND	ND
P	1/14/2003	43.2	ND	ND	ND	ND	ND

Table 14. Concentrations of volatile organic compounds (VOCs)[1] in samples of surface water from the low-lying area; January and February 2003 Status Report; Coliseum Blouevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 7.]

Sample Identifier	Sample Date	Aqueous Lab Results					
		Trichloroethylene	Toluene	Chloromethane	Vinyl Chloride	Cis-1,2-Dichloroethane	Methylene Chloride[2]
		[Concentrations are in micrograms per liter (µg/l)]					
		1.0 µg/l[3]	1.0 µg/l[3]	1.0 µg/l[3]	1.0 µg/l[3]	1.0 µg/l[3]	1.0 µg/l[3]
Rinsate	11/15/2001	ND	ND	ND	ND	ND	ND
Blank	11/15/2001	ND	ND	ND	ND	ND	ND
Rinsate	2/13/2002	ND	ND	ND	ND	ND	ND
Blank	2/13/2002	ND	ND	ND	ND	ND	ND
Rinsate	5/22/2002	ND	ND	ND	ND	ND	5.1J
Blank	5/22/2002	ND	ND	ND	ND	ND	ND
Rinsate	9/17/2002	ND	ND	ND	ND	ND	ND
Blank	9/17/2002	ND	ND	ND	ND	ND	ND
Rinsate	10/31/2002	ND	ND	ND	ND	ND	ND
Blank	10/31/2002	ND	ND	ND	ND	ND	ND
Rinsate	1/14/2003	ND	ND	ND	ND	ND	ND
Blank	1/14/2003	ND	ND	ND	ND	ND	ND
Rinsate 2	11/16/2001	ND	ND	ND	ND	ND	ND
Blank	11/16/2001	ND	ND	ND	ND	ND	ND
Rinsate 2	2/14/2002	ND	ND	ND	ND	ND	ND
Blank	2/14/2002	ND	ND	ND	ND	ND	ND

Notes:

[1] Samples were analyzed by **TTL, Inc**. in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

[2] Methylene Chloride is considered to have been present in the laboratory during analysis of the samples.

[3] MDL - Method Detection Limit of 1.0 microgram per liter (µg/L) for the aqueous laboratory analyses

[4] ND - Not Detected

[5] NC - Not Collected; either surface water was not present or the sampling location was not scheduled to be sampled. Quarterly sampling was initiated after the February 2002 sampling event and the only sample locations to be sampled are I

[6] dup - Duplicate sample collected for quality assurance/quality control purposes.

[7] J - Concentration below the calibration curve, but above the method detection limit

Table 15. Results of analyses of volatile organic compounds (VOCs)[1] in quality assurance / quality control samples; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Identifier	Sample Date	Trichloroethylene	Chloromethane	Toluene	Methylene Chloride
		[(Concentrations are Expressed in micrograms/liter (µg/L)]			
		1.0 µg/l [2]	1.0 µg/l [2]		1.0 µg/l [2]
Blank (Surface water)	1/10/2003	ND[3]	ND	ND	ND
Blank (Surface water)	2/7/2003	ND	ND	ND	ND
Rinse (Bladder Pump 1)	1/6/2003	ND	ND	ND	ND
Blank	1/6/2003	ND	ND	ND	ND
Rinse (Bladder Pump 1)	1/7/2003	ND	ND	ND	ND
Blank	1/7/2003	ND	ND	ND	ND
Rinse (Bladder Pump 1)	1/8/2003	ND	ND	ND	ND
Blank	1/8/2003	ND	ND	ND	ND
Rinse (Bladder Pump 1)	1/9/2003	ND	ND	ND	ND
Blank	1/9/2003	ND	ND	ND	ND
Rinse (Bladder Pump 1)	1/10/2003	ND	ND	ND	ND
Blank	1/10/2003	ND	ND	ND	ND
Rinse (Bladder Pump 1)	1/13/2003	ND	ND	ND	ND
Blank	1/13/2003	ND	ND	ND	ND
Rinse (Bladder Pump 1)	1/14/2003	ND	ND	ND	ND
Blank	1/14/2003	ND	ND	ND	ND
Rinse (Bladder Pump 1)	1/15/2003	ND	ND	ND	ND
Blank	1/15/2003	ND	ND	ND	ND
Rinse (Bladder Pump 1)	1/16/2003	ND	ND	ND	ND
Blank	1/16/2003	ND	ND	ND	ND
Rinse (Bladder Pump 1)	1/17/2003	ND	ND	ND	ND
Blank	1/17/2003	ND	ND	ND	ND
Rinse (Bladder Pump 1)	2/17/2003	ND	1.2J[4]	ND	ND
Blank	2/17/2003	ND	1.0J	ND	ND
Rinse (Bladder Pump 1)	2/18/2003	ND	ND	ND	ND
Blank	2/18/2003	ND	ND	ND	ND

Table 15. Results of analyses of volatile organic compounds (VOCs)[1] in quality assurance / quality control samples; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Trichloroethylene	Chloromethane	Toluene	Methylene Chloride
		[(Concentrations are Expressed in micrograms/liter (µg/L)]			
Sample Identifier	**Sample Date**	**1.0 µg/l [2]**	**1.0 µg/l [2]**		**1.0 µg/l [2]**
Rinse (Bladder Pump 2)	1/6/2003	ND	ND	ND	ND
Blank	1/6/2003	ND	ND	ND	ND
Rinse (Bladder Pump 2)	1/7/2003	ND	ND	ND	ND
Blank	1/7/2003	ND	ND	ND	ND
Rinse (Bladder Pump 2)	1/8/2003	ND	ND	ND	ND
Blank	1/8/2003	ND	ND	ND	ND
Rinse (Bladder Pump 2)	1/9/2003	ND	ND	ND	ND
Blank	1/9/2003	ND	ND	ND	ND
Rinse (Bladder Pump 2)	1/10/2003	ND	ND	ND	ND
Blank	1/10/2003	ND	ND	ND	ND
Rinse (Bladder Pump 2)	1/13/2003	ND	ND	ND	ND
Blank	1/13/2003	ND	ND	ND	ND
Rinse (Bladder Pump 2)	1/14/2003	ND	ND	ND	ND
Blank	1/14/2003	ND	ND	ND	ND
Rinse (Bladder Pump 2)	1/16/2003	ND	ND	ND	ND
Blank	1/16/2003	ND	ND	ND	ND
Rinse (Bladder Pump 2)	1/17/2003	ND	ND	ND	ND
Blank	1/17/2003	ND	ND	ND	ND
Rinse (Bladder Pump 2)	2/17/2003	ND	ND	ND	ND
Blank	2/17/2003	ND	1.3J	ND	ND
Rinse (Bladder Pump 2)	2/18/2003	ND	ND	ND	ND
Blank	2/18/2003	ND	ND	ND	ND

Table 15. Results of analyses of volatile organic compounds (VOCs)[1] in quality assurance / quality control samples; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Identifier	Sample Date	Trichloroethylene	Chloromethane	Toluene	Methylene Chloride
		[(Concentrations are Expressed in micrograms/liter (µg/L)]			
		1.0 µg/l [2]	1.0 µg/l [2]		1.0 µg/l [2]
Rinse (Probe)	1/16/2003	ND	ND	ND	ND
Blank	1/16/2003	ND	ND	ND	ND
Rinse (10-inch casing)	1/22/2003	ND	ND	ND	1.1J
Rinse (4-inch coring rod)	1/23/2003	ND	ND	ND	ND
Blank	1/23/2003	ND	ND	ND	ND
Rinse (6-inch coring rod)	1/27/2003	ND	ND	ND	ND
Rinse (6-inch coring rod)	1/29/2003	ND	ND	ND	ND
Rinse (10-inch casing)	1/30/2003	ND	ND	ND	ND
Rinse (4-inch coring rod)	1/31/2003	ND	ND	ND	ND
Blank	1/31/2003	ND	ND	ND	ND
Rinse (6-inch coring rod)	2/3/2003	ND	ND	ND	ND
Blank	2/3/2003	ND	ND	ND	ND
Pump Rinse 1	2/5/2003	ND	ND	ND	ND
Blank	2/5/2003	ND	ND	ND	ND
Pump Rinse 1	2/7/2003	1.6J	ND	ND	ND
Blank	2/7/2003	ND	ND	ND	ND
Rinse (Geoprobe Rod)	2/21/2003	ND	ND	ND	ND
Blank	2/21/2003	ND	ND	ND	ND
Rinse (Conductivity Probe)	2/24/2003	ND	ND	ND	ND
Blank	2/24/2003	ND	ND	ND	ND

Table 15. Results of analyses of volatile organic compounds (VOCs)[1] in quality assurance / quality control samples; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Trichloroethylene	Chloromethane	Toluene	Methylene Chloride
		[(Concentrations are Expressed in micrograms/liter (µg/L)]			
Sample Identifier	**Sample Date**	**1.0 µg/l [2]**	**1.0 µg/l [2]**		**1.0 µg/l [2]**
Rinse (4 foot rod)	2/25/2003	ND	ND	ND	ND
Blank	2/25/2003	ND	ND	1.8J	ND
Rinse (4 foot rod)	2/26/2003	ND	ND	1.7J	ND
Blank	2/26/2003	ND	ND	ND	ND
Rinse (Grout Rod)	2/27/2003	ND	ND	1.5J	ND
Blank	2/27/2003	ND	ND	ND	ND

Notes:

[1] Samples were analyzed by **TTL, Inc**. in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

[2] MDL - Method Detection Limit of 1.0 microgram per liter (µg/L) for the laboratory analyses

[3] ND - Not detected

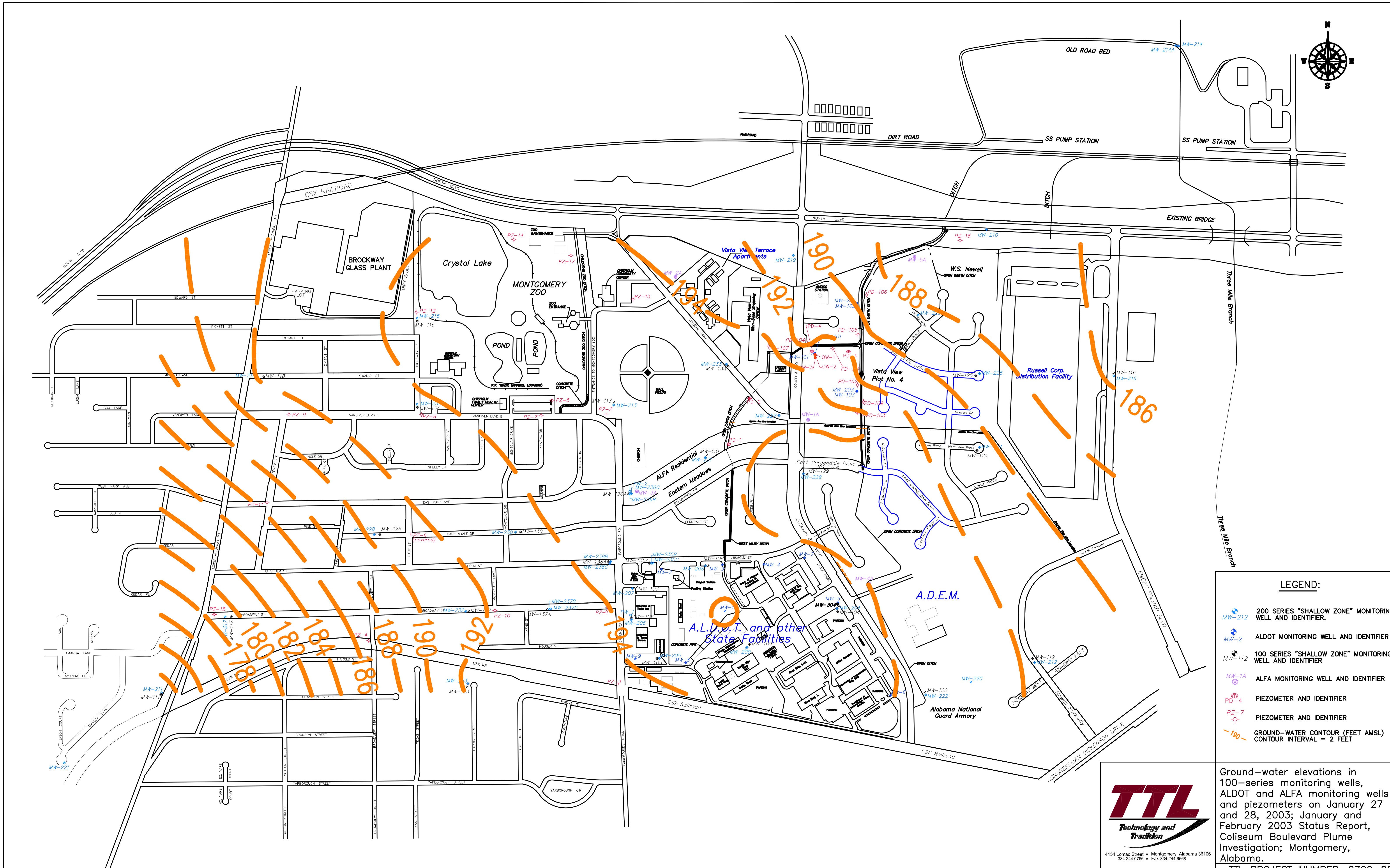
[4] J - Concentration below calibration curve, but above detection limit.

DEPARTMENT OF TRANSPORTATION

January and February 2003 Status Report

Coliseum Boulevard Plume Investigation

FIGURES



Ground-water elevations in 100-series monitoring wells, ALDOT and ALFA monitoring wells and piezometers on January 27 and 28, 2003; January and February 2003 Status Report, Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

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334.244.0766 ▪ Fax 334.244.6668

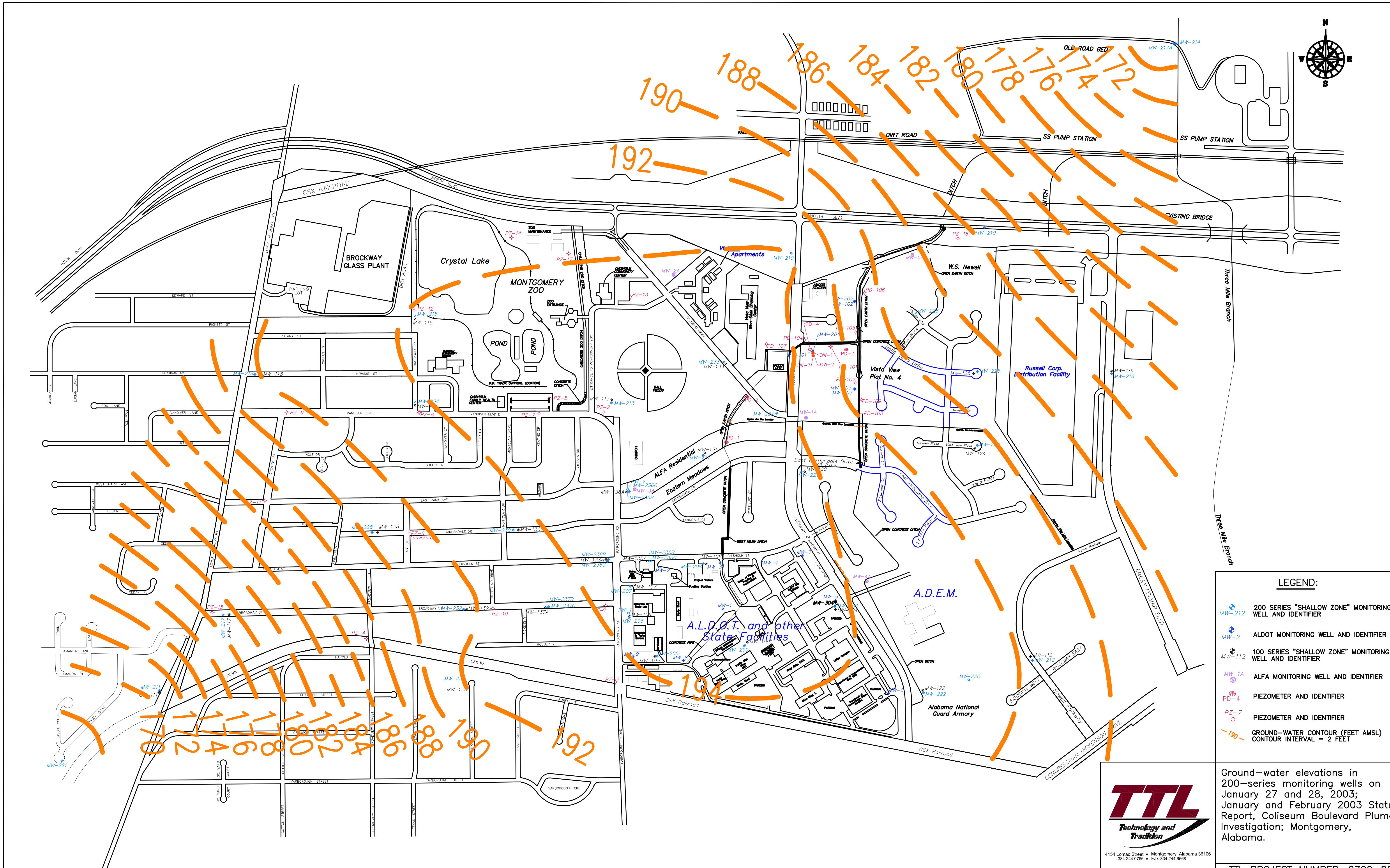
TTL PROJECT NUMBER: 0700-024

Drawing No. 030307

SCALE: 1" = 800'

Figure 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.



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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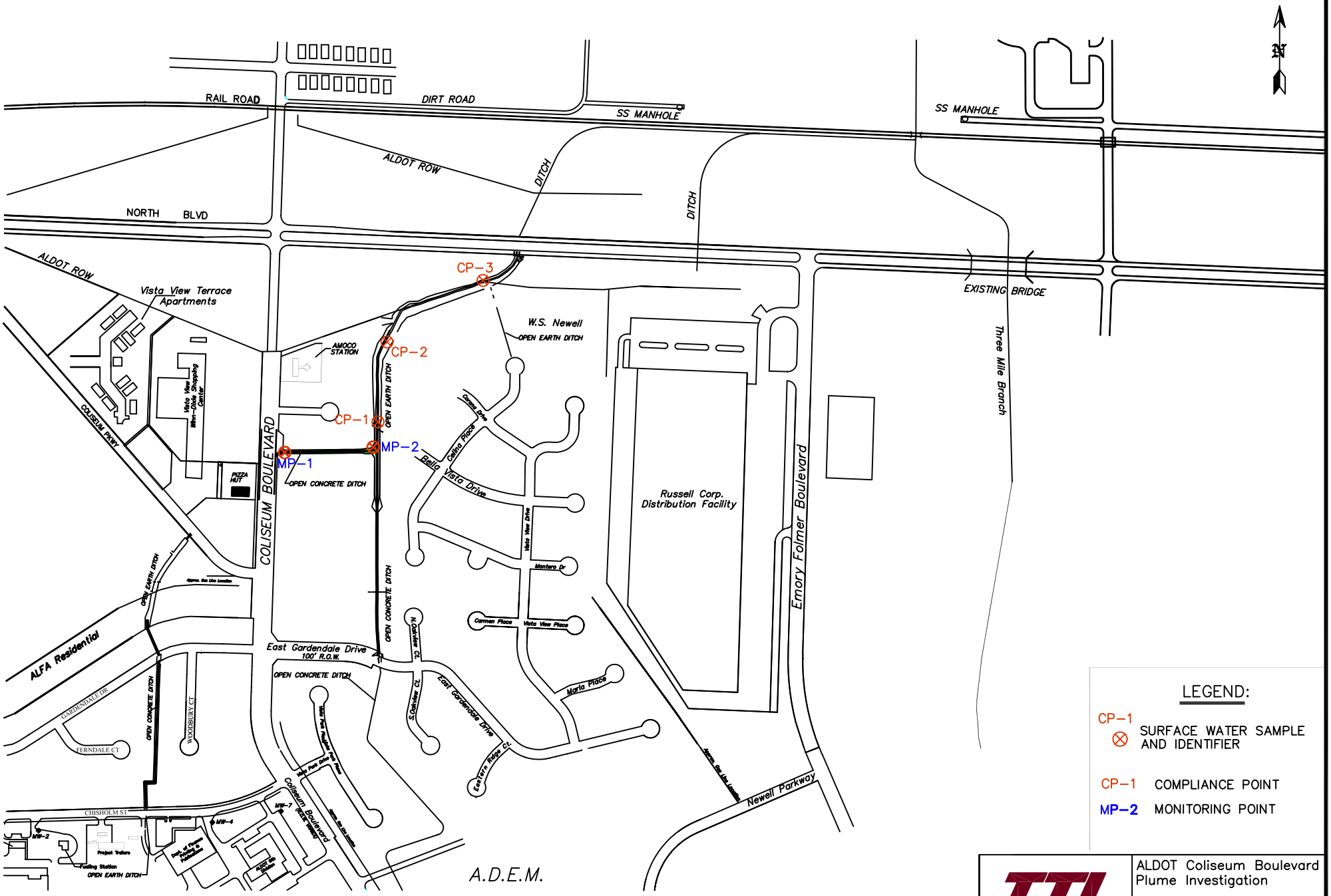
Ground-water elevations in 200-series monitoring wells on January 27 and 28, 2003; January and February 2003 Status Report, Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

TTL PROJECT NUMBER: 0700-024

Drawing No. 030306

SCALE: 1" = 800'

Figure 2



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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Drawing No. 030115

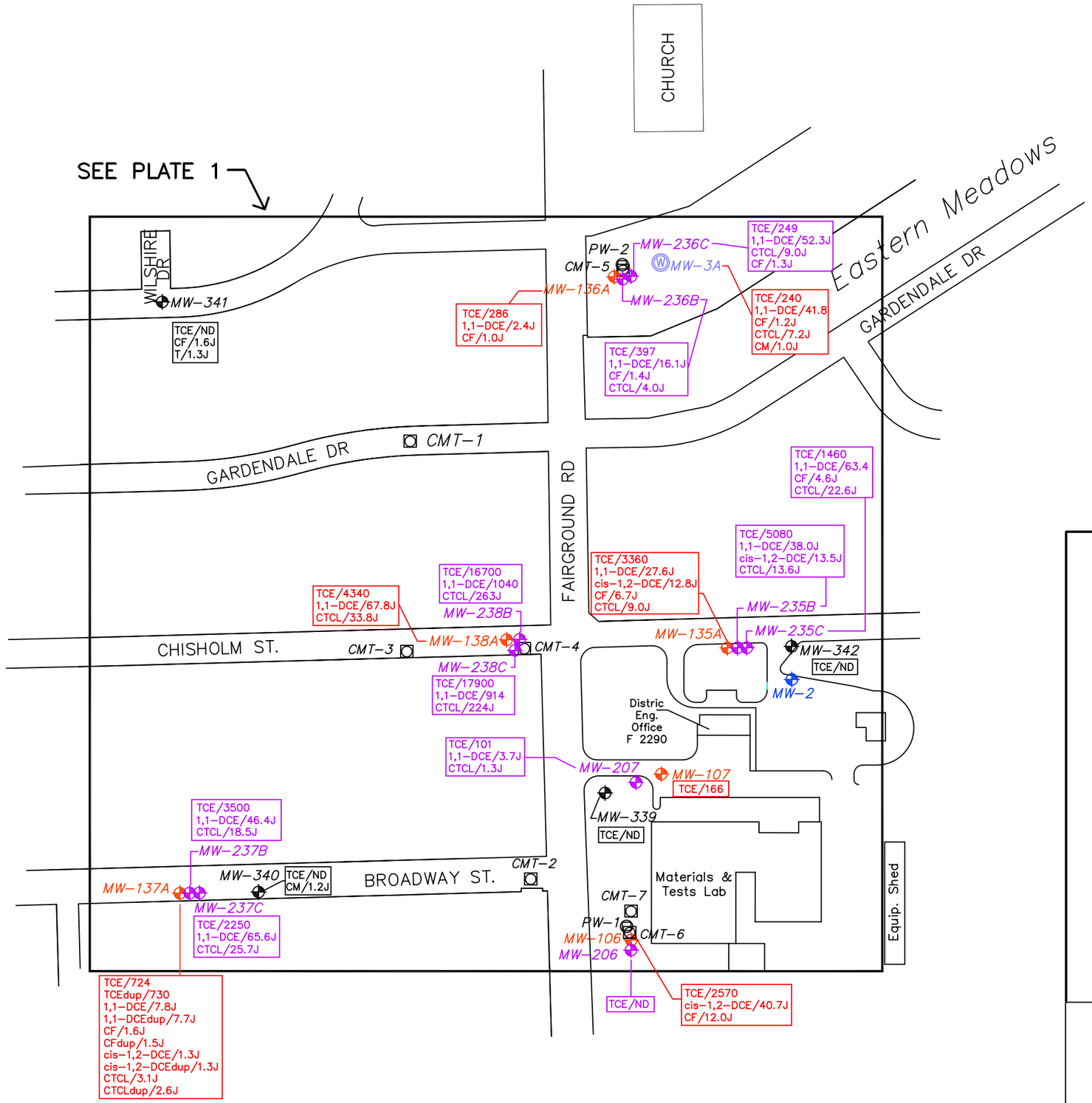
ALDOT Coliseum Boulevard Plume Investigation

Locations of Surface Water Samples

TTL PROJECT NUMBER: 0700-024

SCALE: 1" = 700'

Figure 3



LEGEND:

MW-2	ALDOT MONITORING WELL AND IDENTIFIER
MW-112	100 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER
MW-212	200 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER
MW-311	300 SERIES MONITORING WELL AND IDENTIFIER
MW-1A	ALFA MONITORING WELL AND IDENTIFIER (INSTALLED SEPTEMBER, 1999)
PW-1	PUMP TEST WELL AND IDENTIFIER
CMT-2	CMT WELL AND IDENTIFIER
TCE/227 Cis-1,2-DCE/6.5	VOC CONCENTRATION IN MICROGRAMS PER LITER (100 SERIES)
TCE/227 Cis-1,2-DCE/6.5	VOC CONCENTRATION IN MICROGRAMS PER LITER (200 SERIES)
TCE/227 Cis-1,2-DCE/6.5	VOC CONCENTRATION IN MICROGRAMS PER LITER (300 SERIES)

1,1-DCE=1,1-DICHLOROETHENE
TCE=TRICHLOROETHENE
CF=CHLOROFORM
DCE=DICHLOROETHENE
CTCL=CARBON TETRACHLORIDE
PCE=TETRACHLOROETHYLENE
ND=NOT DETECTED
1,1-TCA=1,1-TETRACHLOROETHANE
BDM=BROMODICHLOROMETHANE

CM=CHLOROMETHANE
MCL=METHYLENE CHLORIDE
T=TOLUENE

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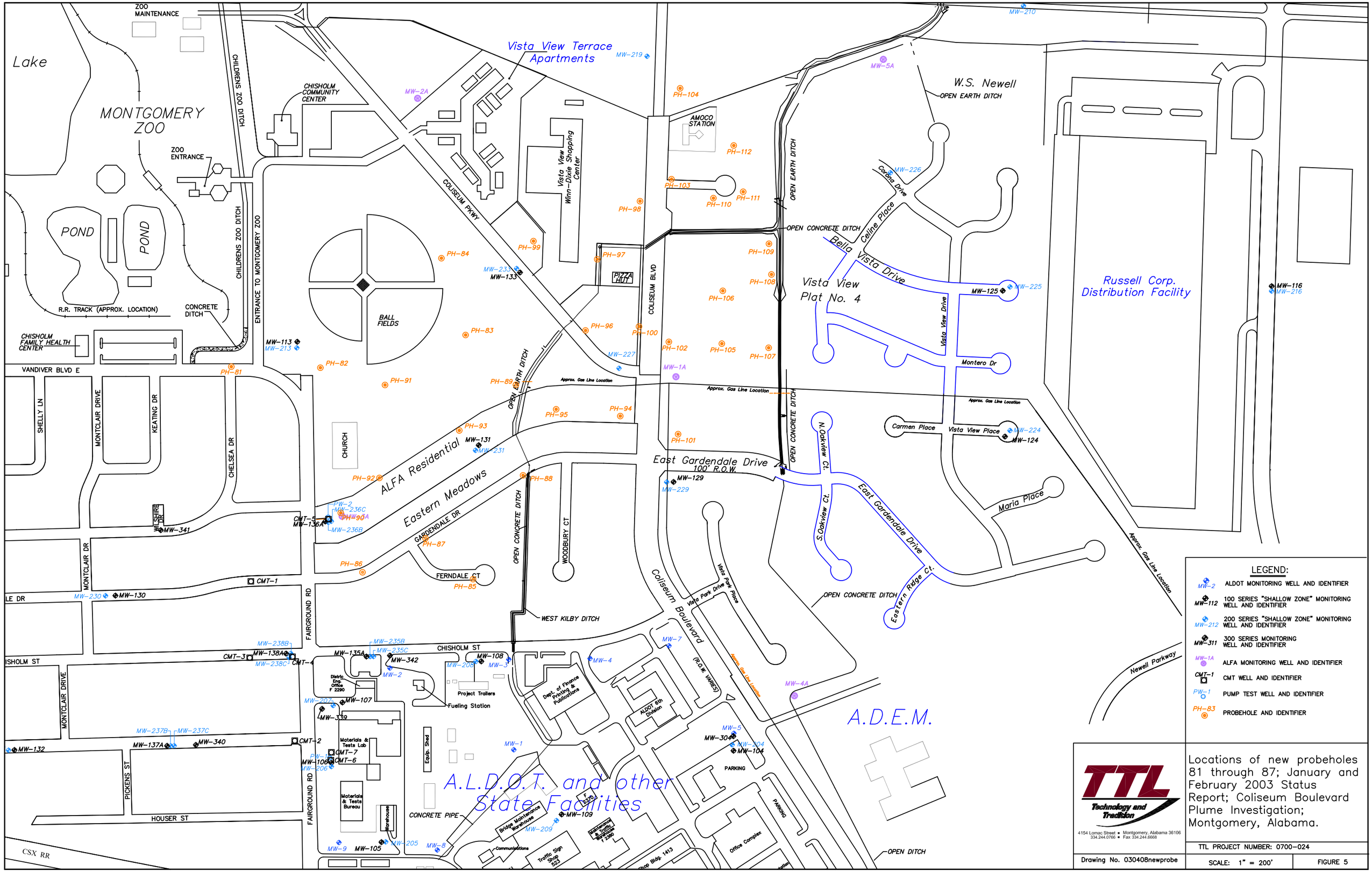
Concentrations of VOCs in ground-water samples from 100-, 200-and 300-series monitoring wells collected in January and February 2003; January and February 2003 Status Report, Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

TTL PROJECT NUMBER:0700-024

Drawing No. 030130.1

SCALE: 1" = 200'

Figure 4



LEGEND:

MW-2	ALDOT MONITORING WELL AND IDENTIFIER
MW-112	100 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER
MW-212	200 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER
MW-311	300 SERIES MONITORING WELL AND IDENTIFIER
MW-1A	ALFA MONITORING WELL AND IDENTIFIER
CMT-1	CMT WELL AND IDENTIFIER
PW-1	PUMP TEST WELL AND IDENTIFIER
PH-83	PROBEHOLE AND IDENTIFIER

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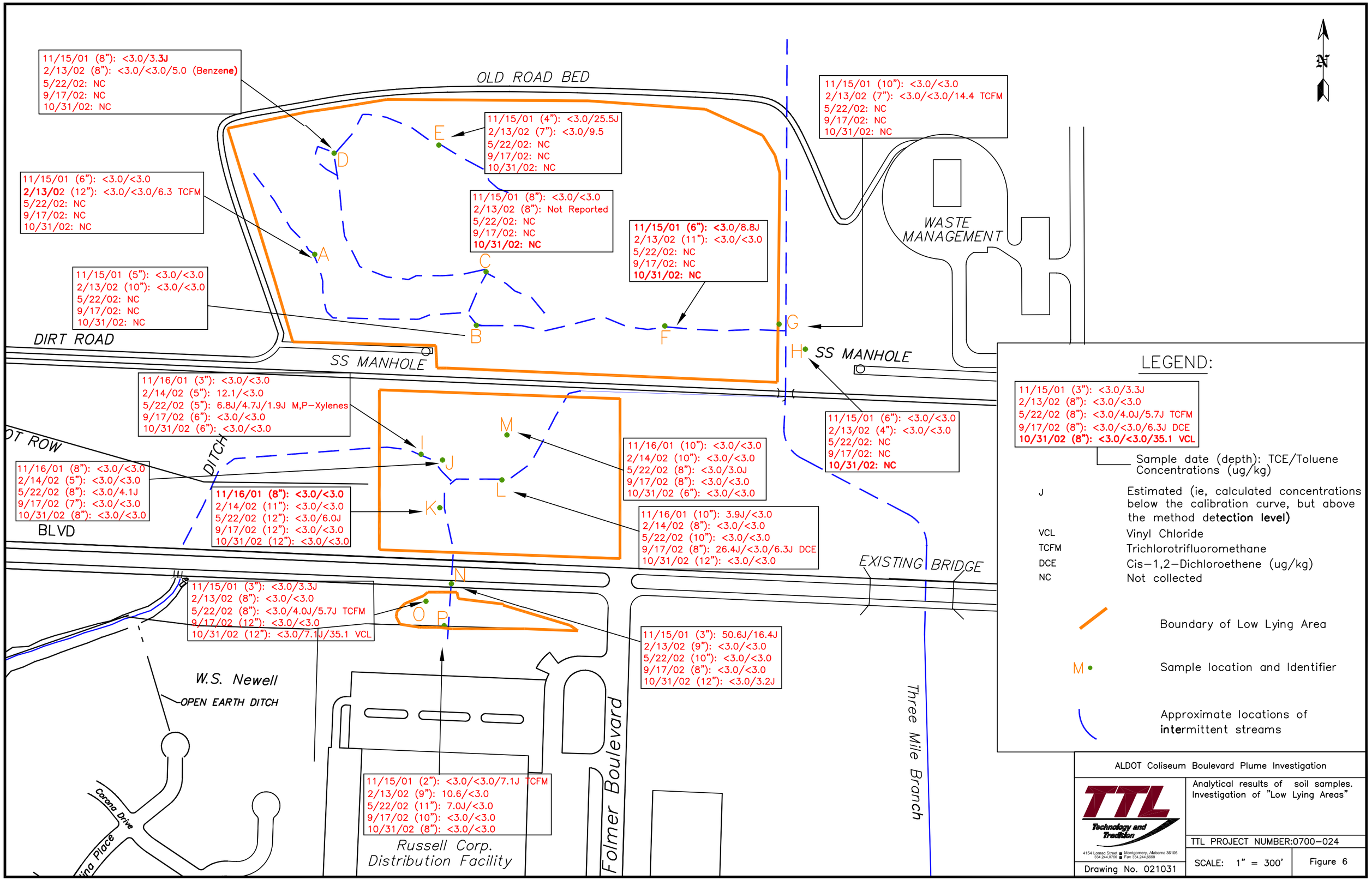
Locations of new probeholes 81 through 87; January and February 2003 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

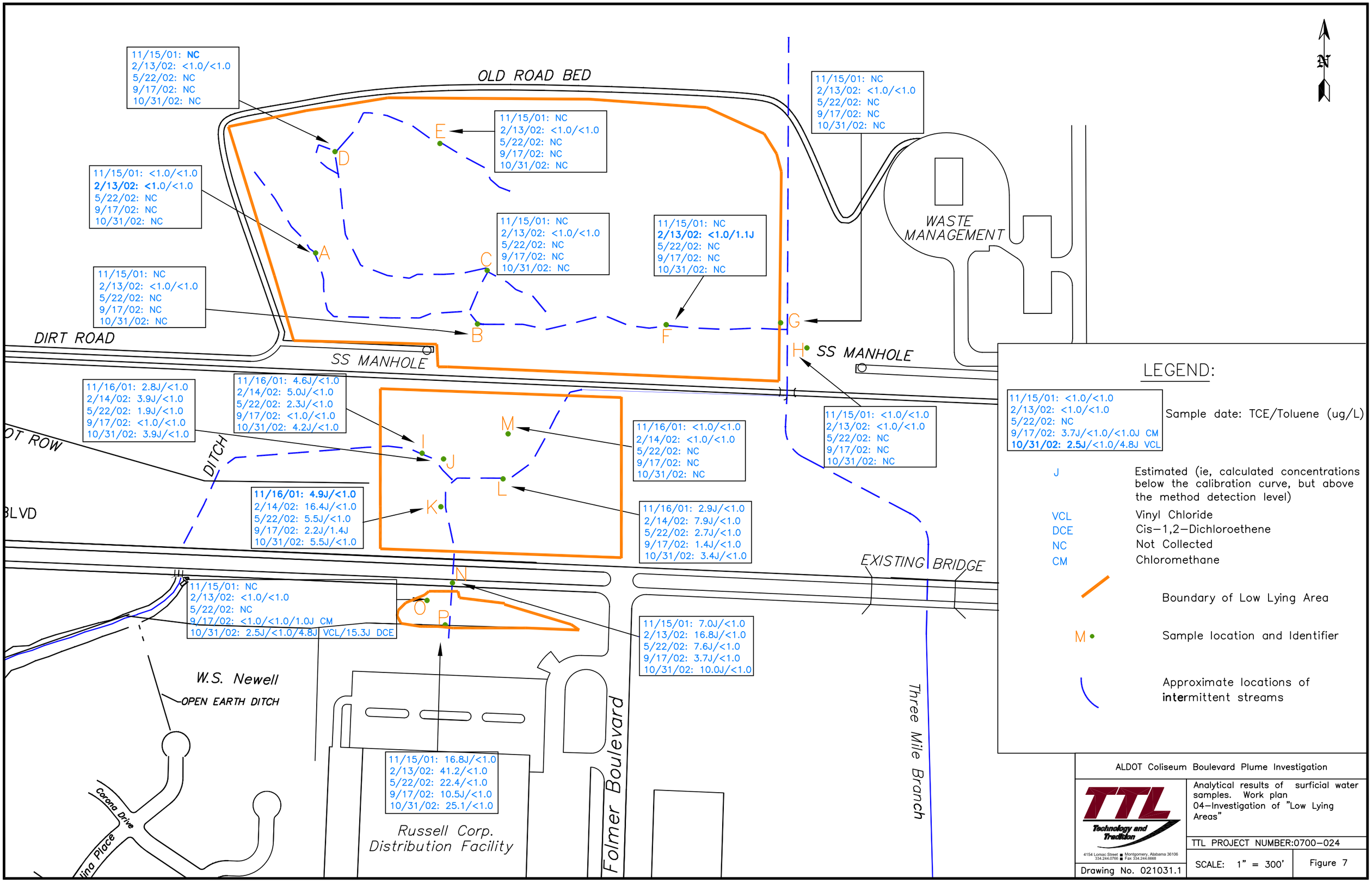
TTL PROJECT NUMBER: 0700-024

Drawing No. 030408newprobe

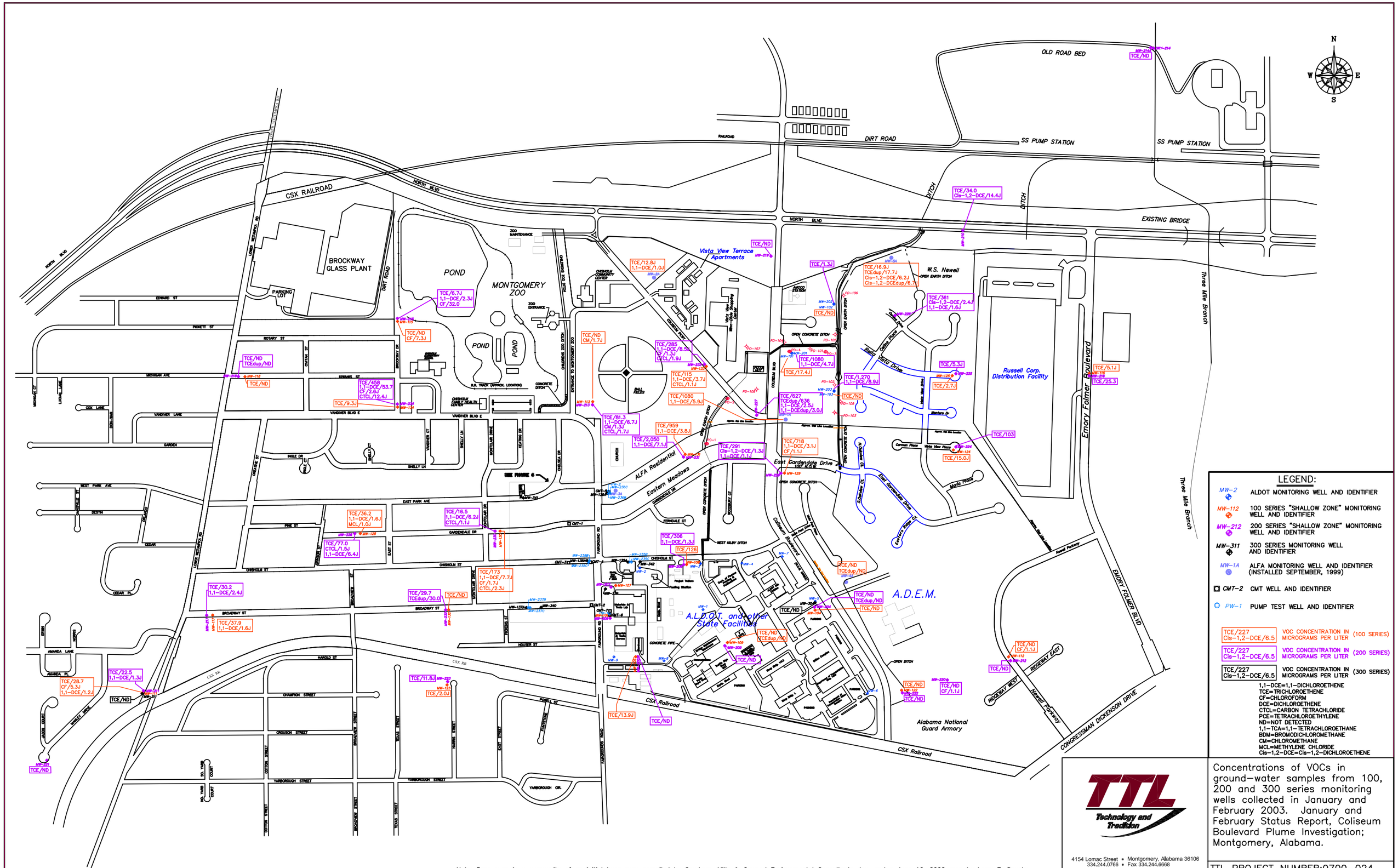
SCALE: 1" = 200'

FIGURE 5


N
OLD ROAD BED
11/15/01 (8"): <3.0/3.3J
2/13/02 (8"): <3.0/<3.0/5.0 (Benzene)
5/22/02: NC
9/17/02: NC
10/31/02: NC
11/15/01 (4"): <3.0/25.5J
2/13/02 (7"): <3.0/9.5
5/22/02: NC
9/17/02: NC
10/31/02: NC
11/15/01 (10"): <3.0/<3.0
2/13/02 (7"): <3.0/<3.0/14.4 TCFM
5/22/02: NC
9/17/02: NC
10/31/02: NC
11/15/01 (6"): <3.0/<3.0
2/13/02 (12"): <3.0/<3.0/6.3 TCFM
5/22/02: NC
9/17/02: NC
10/31/02: NC
11/15/01 (8"): <3.0/<3.0
2/13/02 (8"): Not Reported
5/22/02: NC
9/17/02: NC
10/31/02: NC
11/15/01 (6"): <3.0/8.8J
2/13/02 (11"): <3.0/<3.0
5/22/02: NC
9/17/02: NC
10/31/02: NC
11/15/01 (5"): <3.0/<3.0
2/13/02 (10"): <3.0/<3.0
5/22/02: NC
9/17/02: NC
10/31/02: NC
WASTE MANAGEMENT
DIRT ROAD
SS MANHOLE
SS MANHOLE
11/16/01 (3"): <3.0/<3.0
2/14/02 (5"): 12.1/<3.0
5/22/02 (5"): 6.8J/4.7J/1.9J M,P-Xylenes
9/17/02 (6"): <3.0/<3.0
10/31/02 (6"): <3.0/<3.0
11/15/01 (6"): <3.0/<3.0
2/13/02 (4"): <3.0/<3.0
5/22/02: NC
9/17/02: NC
10/31/02: NC
11/16/01 (10"): <3.0/<3.0
2/14/02 (10"): <3.0/<3.0
5/22/02 (8"): <3.0/3.0J
9/17/02 (8"): <3.0/<3.0
10/31/02 (6"): <3.0/<3.0
11/16/01 (8"): <3.0/<3.0
2/14/02 (5"): <3.0/<3.0
5/22/02 (8"): <3.0/4.1J
9/17/02 (7"): <3.0/<3.0
10/31/02 (8"): <3.0/<3.0
11/16/01 (8"): <3.0/<3.0
2/14/02 (11"): <3.0/<3.0
5/22/02 (12"): <3.0/6.0J
9/17/02 (12"): <3.0/<3.0
10/31/02 (12"): <3.0/<3.0
11/16/01 (10"): 3.9J/<3.0
2/14/02 (8"): <3.0/<3.0
5/22/02 (10"): <3.0/<3.0
9/17/02 (8"): 26.4J/<3.0/6.3J DCE
10/31/02 (12"): <3.0/<3.0
DITCH
BLVD
EXISTING BRIDGE
11/15/01 (3"): <3.0/3.3J
2/13/02 (8"): <3.0/<3.0
5/22/02 (8"): <3.0/4.0J/5.7J TCFM
9/17/02 (12"): <3.0/<3.0
10/31/02 (12"): <3.0/7.1J/35.1 VCL
11/15/01 (3"): 50.6J/16.4J
2/13/02 (9"): <3.0/<3.0
5/22/02 (10"): <3.0/<3.0
9/17/02 (8"): <3.0/<3.0
10/31/02 (12"): <3.0/3.2J
W.S. Newell
OPEN EARTH DITCH
Corona Drive
Three Mile Branch
11/15/01 (2"): <3.0/<3.0/7.1J TCFM
2/13/02 (9"): 10.6/<3.0
5/22/02 (11"): 7.0J/<3.0
9/17/02 (10"): <3.0/<3.0
10/31/02 (8"): <3.0/<3.0
Russell Corp.
Distribution Facility
Folmer Boulevard
LEGEND:
11/15/01 (3"): <3.0/3.3J
2/13/02 (8"): <3.0/<3.0
5/22/02 (8"): <3.0/4.0J/5.7J TCFM
9/17/02 (8"): <3.0/<3.0/6.3J DCE
10/31/02 (8"): <3.0/<3.0/35.1 VCL
Sample date (depth): TCE/Toluene Concentrations (ug/kg)
J Estimated (ie, calculated concentrations below the calibration curve, but above the method detection level)
VCL Vinyl Chloride
TCFM Trichlorotrifluoromethane
DCE Cis-1,2-Dichloroethene (ug/kg)
NC Not collected
Boundary of Low Lying Area
M Sample location and Identifier
Approximate locations of intermittent streams
ALDOT Coliseum Boulevard Plume Investigation
TTL Technology and Tradition
4154 Lomac Street ■ Montgomery, Alabama 36106
334.244.0766 ■ Fax 334.244.6668
Analytical results of soil samples. Investigation of "Low Lying Areas"
TTL PROJECT NUMBER:0700-024
Drawing No. 021031
SCALE: 1" = 300'
Figure 6


N
OLD ROAD BED
DIRT ROAD
SS MANHOLE
SS MANHOLE
WASTE MANAGEMENT
DITCH
OT ROW
BLVD
EXISTING BRIDGE
W.S. Newell
OPEN EARTH DITCH
Corona Drive
lina Place
Russell Corp. Distribution Facility
Folmer Boulevard
Three Mile Branch
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
11/15/01: NC
2/13/02: <1.0/<1.0
5/22/02: NC
9/17/02: NC
10/31/02: NC
11/15/01: <1.0/<1.0
2/13/02: <1.0/<1.0
5/22/02: NC
9/17/02: NC
10/31/02: NC
11/15/01: NC
2/13/02: <1.0/<1.0
5/22/02: NC
9/17/02: NC
10/31/02: NC
11/15/01: NC
2/13/02: <1.0/<1.0
5/22/02: NC
9/17/02: NC
10/31/02: NC
11/15/01: NC
2/13/02: <1.0/<1.0
5/22/02: NC
9/17/02: NC
10/31/02: NC
11/15/01: NC
2/13/02: <1.0/1.1J
5/22/02: NC
9/17/02: NC
10/31/02: NC
11/15/01: NC
2/13/02: <1.0/<1.0
5/22/02: NC
9/17/02: NC
10/31/02: NC
11/16/01: 2.8J/<1.0
2/14/02: 3.9J/<1.0
5/22/02: 1.9J/<1.0
9/17/02: <1.0/<1.0
10/31/02: 3.9J/<1.0
11/16/01: 4.6J/<1.0
2/14/02: 5.0J/<1.0
5/22/02: 2.3J/<1.0
9/17/02: <1.0/<1.0
10/31/02: 4.2J/<1.0
11/16/01: 4.9J/<1.0
2/14/02: 16.4J/<1.0
5/22/02: 5.5J/<1.0
9/17/02: 2.2J/1.4J
10/31/02: 5.5J/<1.0
11/16/01: <1.0/<1.0
2/14/02: <1.0/<1.0
5/22/02: NC
9/17/02: NC
10/31/02: NC
11/16/01: 2.9J/<1.0
2/14/02: 7.9J/<1.0
5/22/02: 2.7J/<1.0
9/17/02: 1.4J/<1.0
10/31/02: 3.4J/<1.0
11/15/01: NC
2/13/02: <1.0/<1.0
5/22/02: NC
9/17/02: <1.0/<1.0/1.0J CM
10/31/02: 2.5J/<1.0/4.8J VCL/15.3J DCE
11/15/01: 7.0J/<1.0
2/13/02: 16.8J/<1.0
5/22/02: 7.6J/<1.0
9/17/02: 3.7J/<1.0
10/31/02: 10.0J/<1.0
11/15/01: 16.8J/<1.0
2/13/02: 41.2/<1.0
5/22/02: 22.4/<1.0
9/17/02: 10.5J/<1.0
10/31/02: 25.1/<1.0
LEGEND:
11/15/01: <1.0/<1.0
2/13/02: <1.0/<1.0
5/22/02: NC
9/17/02: 3.7J/<1.0/<1.0J CM
10/31/02: 2.5J/<1.0/4.8J VCL
Sample date: TCE/Toluene (ug/L)
J Estimated (ie, calculated concentrations below the calibration curve, but above the method detection level)
VCL Vinyl Chloride
DCE Cis-1,2-Dichloroethene
NC Not Collected
CM Chloromethane
Boundary of Low Lying Area
M Sample location and Identifier
Approximate locations of intermittent streams
ALDOT Coliseum Boulevard Plume Investigation
TTL Technology and Tradition
4154 Lomac Street Montgomery, Alabama 36106
334.244.0766 Fax 334.244.6868
Analytical results of surficial water samples. Work plan 04-Investigation of "Low Lying Areas"
TTL PROJECT NUMBER:0700-024
Drawing No. 021031.1
SCALE: 1" = 300'
Figure 7

PLATE



LEGEND:

MW-2	ALDOT MONITORING WELL AND IDENTIFIER
MW-112	100 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER
MW-212	200 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER
MW-311	300 SERIES MONITORING WELL AND IDENTIFIER
MW-1A	ALFA MONITORING WELL AND IDENTIFIER (INSTALLED SEPTEMBER, 1999)
CMT-2	CMT WELL AND IDENTIFIER
PW-1	PUMP TEST WELL AND IDENTIFIER

TCE/227 Cis-1,2-DCE/6.5	VOC CONCENTRATION IN MICROGRAMS PER LITER	(100 SERIES)
TCE/227 Cis-1,2-DCE/6.5	VOC CONCENTRATION IN MICROGRAMS PER LITER	(200 SERIES)
TCE/227 Cis-1,2-DCE/6.5	VOC CONCENTRATION IN MICROGRAMS PER LITER	(300 SERIES)

1,1-DCE=1,1-DICHLOROETHENE
TCE=TRICHLOROETHENE
CF=CHLOROFORM
DCE=DICHLOROETHENE
CTCL=CARBON TETRACHLORIDE
PCE=TETRACHLOROETHYLENE
ND=NOT DETECTED
1,1-TCA=1,1-TETRACHLOROETHANE
BDM=BROMODICHLOROMETHANE
CM=CHLOROMETHANE
MCL=METHYLENE CHLORIDE
Cis-1,2-DCE=Cis-1,2-DICHLOROETHENE

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.

TTL
Technology and Tradition

4154 Lomac Street • Montgomery, Alabama 36106
334.244.0766 • Fax 334.244.6668

Drawing No. 030130

Concentrations of VOCs in ground-water samples from 100, 200 and 300 series monitoring wells collected in January and February 2003. January and February Status Report, Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

TTL PROJECT NUMBER:0700-024

SCALE: 1" = 800' | Plate 1

DEPARTMENT OF TRANSPORTATION

January and February 2003
Status Report
Coliseum Boulevard Plume Investigation

ATTACHMENTS

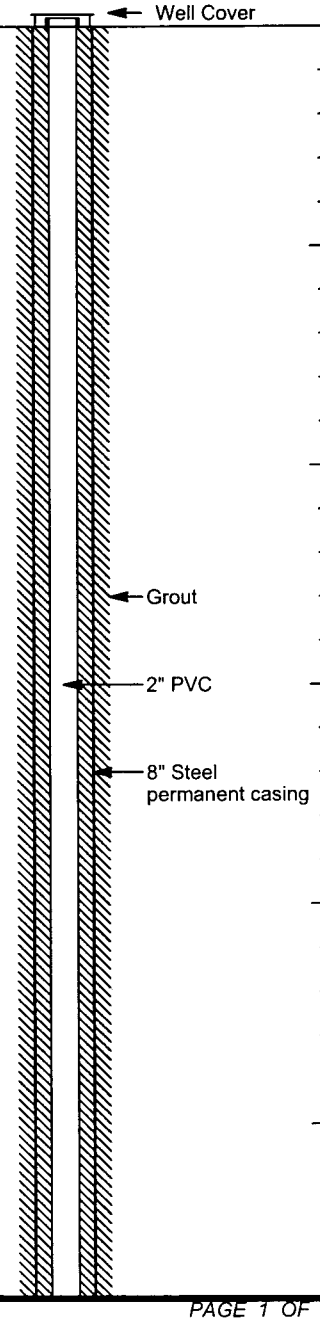
ATTACHMENT A
BORING LOGS

TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING MW 339 & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	01/20/2003 - 01/24/2003
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	2"/8"
DRILLER	R. Stiles	SCREEN SLOT/TYPE	0.010-in. slotted PVC
DRILLING METHOD	Versa Sonic w/4", 6" & 10" ID Coring Rods	FILTER PACK TYPE	Gravel Pack #1
		TOP OF CASING	223.24 Ft. AMSL
REMARKS	ALDOT Materials & Testing Parking Lot	GROUND ELEVATION	223.39 Ft. AMSL
		DEPTH TO WATER	67.40 Ft. BMP
		WATER ELEVATION	155.84 Ft. AMSL

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE
					0	Clay, red (2.5YR 4/6), sandy	
					0		
					0		
					0		
					0		
5					0	Red & brownish-yellow (10YR 6/8), sandy	
					0		
					0		
		CL			0		
					0	Note: ~75% recovery from 9-19 ft. interval	
10					0	Red, sandy	
					0		
					0		
					0		
					0		
15					0		
					0	Sand, brownish-yellow (10YR 6/8), fine grained, silty w/mica	
					0		
					0		
					0	Brownish-yellow, fine grained w/mica & glauconite	
20					0		
					0		
		SM			0		
					0		
					0		
25					0		
					0		
					0		
					0		

BORING DIAGRAM



Continued Next Page

Coliseum Blvd. Plume
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TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING MW 339 & WELL CONSTRUCTION

PROJECT NUMBER 0700-024 **GEOLOGIST** S. Grammas

LOCATION Montgomery, AL* **DATE(S) DRILLED** 01/20/2003 - 01/24/2003

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	BORING DIAGRAM
					0	Sand, strong brown (7.5YR 4/6), fine to coarse grained, w/approx. 15% fine to coarse gravel		
30					0			
					0			
		SP			0	Strong brown & very dark brown (10YR 2/2), fine to very coarse grained w/approx. 40% fine to coarse gravel		
		SM			0	Yellowish-brown (10YR 5/6), fine to very coarse grained w/approx. 40% fine to coarse gravel		
					0	Sand, pale yellow (5Y 8/2) & brownish-yellow (10YR 6/8), fine grained, clayey w/mica & glauconite		
35		SC			0			
					0	Sand, pale yellow & brownish-yellow, fine grained, silty w/mica & glauconite		
					0			
					0			
					6.4			
40					23.6			
					6.6			
					11.0			
					28.6			Grout
					6.7			
45					10.5			2" PVC
					3.3			
		SM			39.9			8" Steel permanent casing
					2.0			
					2.0			
50					3.4			
					4.1			
					0			
					0			
					0			
55					0			
					0	Pale olive, fine grained, silty w/mica & glauconite		
					0			
					0			
		SC			0	W/interbedded ¼" to ½" light gray (5Y 7/2) clay lenses		
60					0	Sand, pale olive & yellowish-brown, fine grained, silty w/mica & glauconite		
					0			

Continued Next Page

P:\SECRETARY\2000\0700\024\PH34 52.GPJ 2/14/03 Report:TTL WELL LOG2 Template:TTLENV.GDT Coliseum Blvd. Plume

TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING MW 339 & WELL CONSTRUCTION

PROJECT NUMBER 0700-024 **GEOLOGIST** S. Grammas

LOCATION Montgomery, AL* **DATE(S) DRILLED** 01/20/2003 - 01/24/2003

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	BORING DIAGRAM
65		SM			0	Fine to med. grained, silty w/mica & glauconite	2/7/03	
					0	Fine grained, silty w/mica & glauconite		
70					0	Sand, strong brown (7.5YR 5/8), fine to med. grained, silty w/mica & glauconite		
					0	Clay, yellowish-brown & light gray (2.5Y 7/1), sandy		
					0	Dark gray (2.5Y 4/1), w/silty fine sand laminae		
75					0			Grout
					0			2" PVC
80					0			
					0			Grout
85		CL			0			
90					0			
95					0			Bentonite pellets

Continued Next Page

Coliseum Blvd. Plume
P:\SECRETARY\2000\0700\024\PH34 52.GPJ 2/14/03 Report:TTL WELL LOG2 Template:TTLENV.GDT

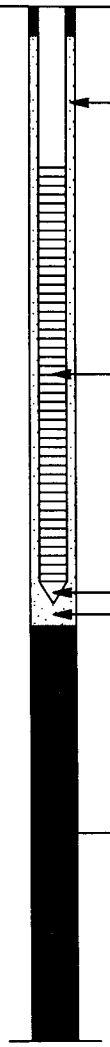
TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING MW 339 & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	**GEOLOGIST**	S. Grammas
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	01/20/2003 - 01/24/2003

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE
					0	Greenish-gray (5/5/1), w/fine sand laminae, micaceous	
					0		
					0		
					0		
					0	Sand, greenish-gray (5/5/1) & strong brown (7.5YR 4/6), fine to med. grained, very clayey, micaceous, moist	
100		SC			0		
					0		
					0		
		CL			0	Clay, greenish-gray & strong brown, sandy, micaceous	
		SM			0	Sand, greenish-gray, fine to med. grained, silty, micaceous	
					0	Clayey sand-sandy clay, greenish-gray, micaceous	
105					0		
		SC CL			0		
					0		
					0		
					0	Clay, reddish-brown (2.5YR 5/3) & bluish-gray (6/6/1), micaceous, silty (top of Gordo Formation)	
110					0		
					0		
		CL			0		
					0		
					0		
115					0	Silt, greenish-gray, glauconitic, micaceous, slightly sandy	
					0		
		ML			0	Olive brown (2.5Y 4/3), micaceous, slightly sandy	
					0		
						BORING TERMINATED AT 119 FEET.	

BORING DIAGRAM



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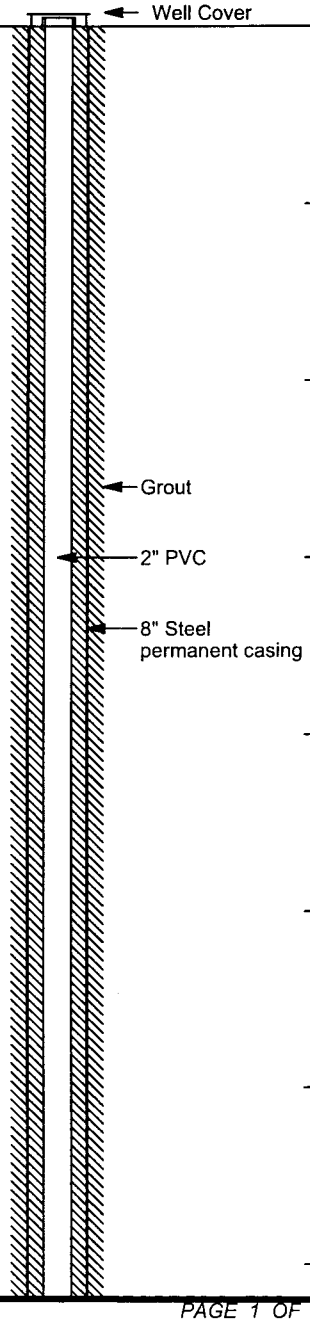
TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING MW 340 & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	01/30/2003 - 02/03/2003
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	2"/8"
DRILLER	R. Stiles	SCREEN SLOT/TYPE	0.010-in. slotted PVC
DRILLING METHOD	Versa Sonic w/4", 6" & 10" ID Coring Rods	FILTER PACK TYPE	Gravel Pack #1
		TOP OF CASING	215.00 Ft. AMSL
REMARKS	Broadway St.	GROUND ELEVATION	215.19 Ft. AMSL
		DEPTH TO WATER	27.42 Ft. BMP
		WATER ELEVATION	187.58 Ft. AMSL

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE
					0	Asphalt	
		CL			0	Clay, light yellowish-brown (2.5Y 6/6) & brownish-yellow (10YR 6/8), sandy	
					0		
					0		
					0	Red (2.5YR 5/6) & pale yellow (5Y 7/3), sandy	
5					0		
					0		
					0		
					0.3		
					0.2		
10					1.2		
					0		
					0.7		
		SM			0	Sand, yellowish-brown (10YR 5/6), fine to med. grained, w/mica	
					10.2		
15					12.2		
		SP SM			10.9	Sand, reddish-yellow (7.5YR 6/8), yellow (2.5Y 7/8) & light olive brown (2.5Y 5/4), fine to coarse grained, w/approx. 15% fine to coarse gravel	
					9.2		
					2.9		
					1.9	Olive yellow (2.5Y 6/6), fine to very coarse grained w/approx. 5% fine to coarse gravel	
20					0		
					3.4		
					15.8		
		SM			32.2	Sand, olive yellow & yellowish-brown (10YR 5/6), fine to med. grained, silty w/mica & glauconite	
					0		
25					0		
					0		
					60.4		2/7/03
					32.4		
		CL			13.2	Clay, pale yellow (2.5Y 7/4) & light gray (5Y 7/2) (4" thick)	
30					17.3	Sand, pale yellow (5Y 8/2) & olive yellow (2.5Y 6/8), fine to med. grained, silty w/mica & glauconite	
					9.2		
					3.4		
					4.2		
					7.2		
35					0.9		

BORING DIAGRAM



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TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING MW 340 & WELL CONSTRUCTION

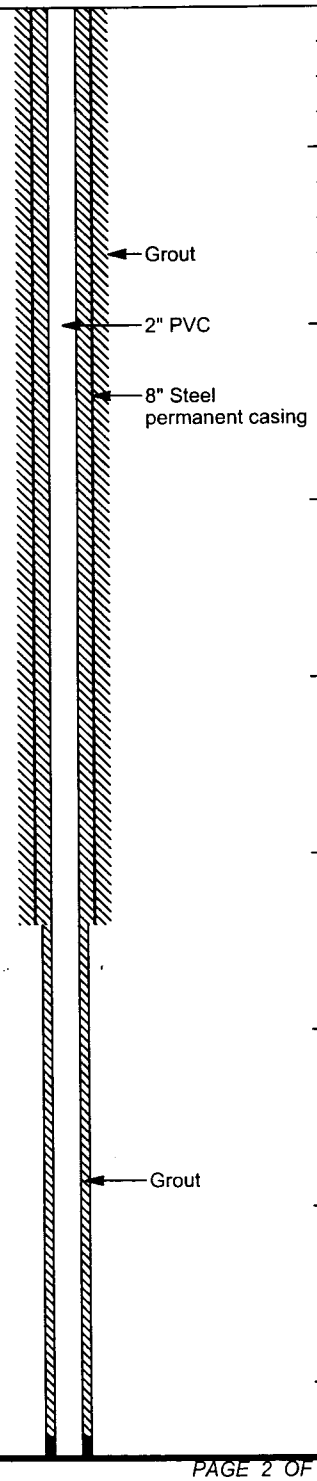
PROJECT NUMBER 0700-024 **GEOLOGIST** S. Grammas

LOCATION Montgomery, AL* **DATE(S) DRILLED** 01/30/2003 - 02/03/2003

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE
					0		
					3.3		
					3.1		
40							
		SM					
45							
50							
						Sand, pale yellow & olive yellow, fine to coarse grained w/mica & glauconite	
55							
		CL				Clay, pale yellow (5Y 7/3) & light olive gray (5Y 6/2) (~4" thick)	
		SC				Sand, brownish-yellow (10YR 6/8), fine to coarse grained W/interbedded light olive gray clay lenses (ranging from ~1/8 to 1")	
60						Clay, dark gray (N4), w/fine sand laminae	
		CL			0	Clay, dark greenish-gray (5BG 4/1), micaceous, w/silty fine sand laminae	
65					0		
					0		
					0		
					0		
					0		
70		ML			0	Silt, greenish-gray (5BG 5/1), clayey, slightly sandy w/mica	
					0	Sand, greenish-gray, fine grained, clayey w/mica, Wet	
					0		
					0		
		SC			0	Fine to med. grained, micaceous	
75					0		
					0		

BORING DIAGRAM



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TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING MW 340 & WELL CONSTRUCTION

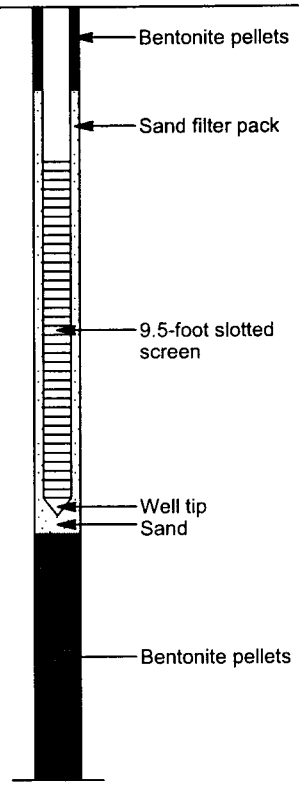
PROJECT NUMBER 0700-024 **GEOLOGIST** S. Grammas

LOCATION Montgomery, AL* **DATE(S) DRILLED** 01/30/2003 - 02/03/2003

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE
					0		
		CL			0	Clay, dark gray (N4), sandy, micaceous	
					0	Sand, greenish-gray (5BG 6/1), fine to med. grained, silty, wet, micaceous	
80					0		
					0	Fine to med. grained, clayey w/coarse gravel	
					0	Sand, greenish-gray, fine to med. grained, clayey w/mica	
					0		
					0	Sand, greenish-gray (10BG 5/1 & 10Y 5/1), fine to med. grained, dense, clayey w/mica & glauconite (moist)	
					0		
85					0		
		SC SM			0		
					0		
					0		
					0		
90					0		
					0		
					0		
					0	Clay, reddish-brown (5YR 5/3) & greenish-gray (5BG 6/1) (top of Gordo Formation)	
					0		
95					0		
		CL			0		
					0		
					0		
						BORING TERMINATED AT 99 FEET.	

BORING DIAGRAM



Coliseum Blvd. Plume
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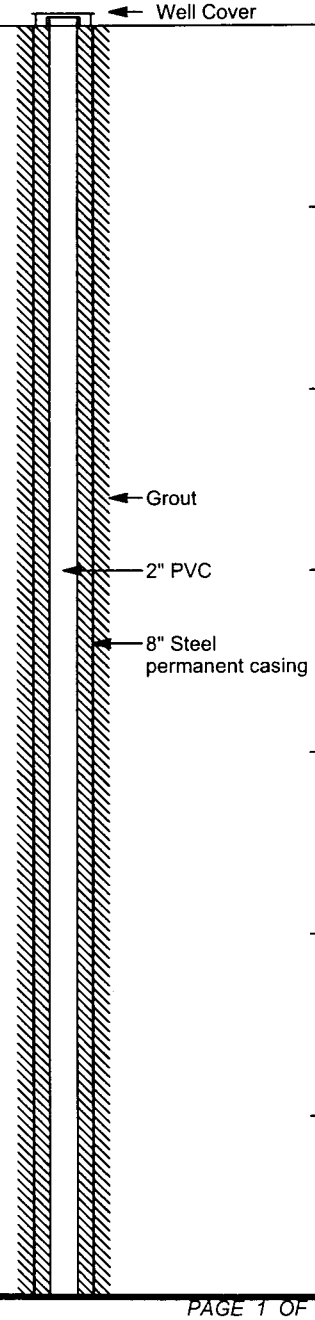
TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING MW 341 & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	01/29/2003 - 02/03/2003
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	2"/8"
DRILLER	R. Stiles	SCREEN SLOT/TYPE	0.010-in. slotted PVC
DRILLING METHOD	Versa Sonic w/4", 6" & 10" ID Coring Rods	FILTER PACK TYPE	Gravel Pack #1
		TOP OF CASING	211.63 Ft. AMSL
REMARKS	East Park Ave.	GROUND ELEVATION	212.00 Ft. AMSL
		DEPTH TO WATER	37.20 Ft. BMP
		WATER ELEVATION	174.43 Ft. AMSL

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE
					0	Asphalt	
		CL			0	Clay, strong brown (7.5YR 5/8), sandy	
					0		
		SM			0	Sand, strong brown, fine grained, silty	
					0		
5					0		
					0		
					0		
					0		
					0	Sand, pale yellow (2.5Y 8/3), fine to coarse grained, silty	
10					0		
		SP SM			0	Sand, pale yellow, fine to coarse grained w/<5% fine to coarse gravel	
					0		
					0	Sand, brownish-yellow, fine to very coarse grained, w/approx. 20% fine to coarse gravel	
					0		
15					0		
					0		
					0		
					0		
					0	W/approx. 40% fine to coarse gravel	
20					0	W/approx. 5% fine to coarse gravel	
					0		
					0	Brownish-yellow & pale yellow (5Y 8/2), fine to very coarse grained w/approx. 30% fine to med. gravel	
					0		
					0		
25					0	W/approx. 30% fine to coarse gravel	
		SM			0	Sand, brownish-yellow & pale yellow, fine to med. grained, w/mica & glauconite, silty	
					0		
		SC			0	Sand, brownish-yellow & pale yellow, fine to med. grained, clayey w/mica & glauconite	
30					0	Sand, brownish-yellow & pale yellow, fine to med. grained, w/mica & glauconite	
					0	Sand, olive yellow (2.5Y 6/6), fine to med. grained w/mica & glauconite	
					0		
					0		

BORING DIAGRAM



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Coliseum Blvd. Plume
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TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING MW 341 & WELL CONSTRUCTION

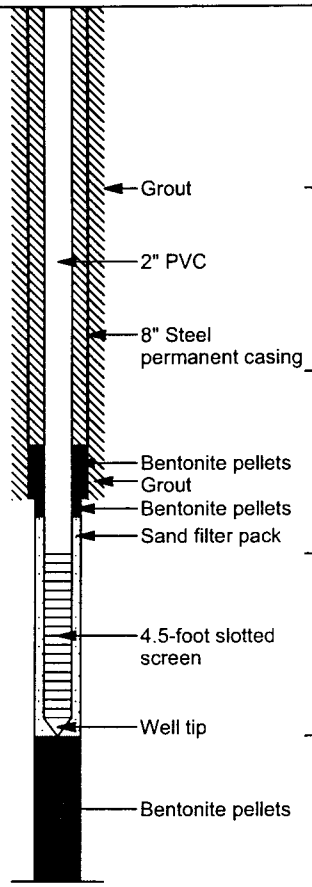
PROJECT NUMBER 0700-024 **GEOLOGIST** S. Grammas

LOCATION Montgomery, AL* **DATE(S) DRILLED** 01/29/2003 - 02/03/2003

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE
		SM			0		2/7/03
40					0	Sand, olive yellow (5Y 6/6), fine to coarse grained, w/mica & glauconite	
					0	Olive yellow & yellowish-brown (10YR 5/6), fine to coarse grained w/mica & glauconite	
		SC			0	W/½" to 3" thick light olive gray (5Y 6/2) clay lenses	
45					0	Sand, olive yellow & yellowish-brown, fine to med. grained, clayey w/mica & glauconite	
					0	W/½" thick olive gray clay lenses	
					0	Sand, olive yellow, fine to med. grained, clayey	
		CL			0	Clay, dark gray (5Y 4/1), w/silty fine sand laminae	
50		ML			0	Silt, dark gray, clayey, dense w/mica, sandy	
					0	Silt, dark greenish-gray, sandy w/mica & glauconite, moist	
55		CL			0	Clay, reddish-brown (2.5YR 5/4) & greenish-gray (10GY 6/1), silty (top of Gordo Formation)	
					0	BORING TERMINATED AT 59 FEET.	

BORING DIAGRAM



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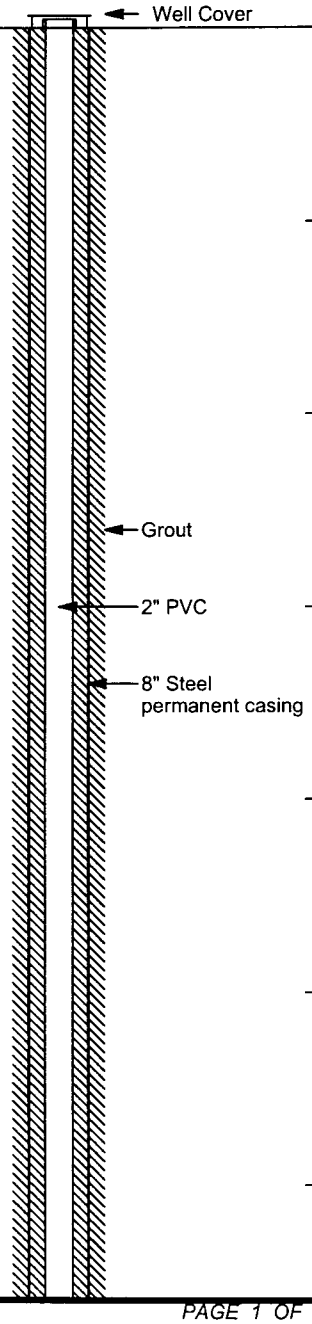
TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING MW 342 & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	01/22/2003 - 01/28/2003
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	2"/8"
DRILLER	R. Stiles	SCREEN SLOT/TYPE	0.010-in. slotted PVC
DRILLING METHOD	Versa Sonic w/4", 6" & 10" ID Coring Rods	FILTER PACK TYPE	Gravel Pack #1
		TOP OF CASING	215.57 Ft. AMSL
REMARKS	Chisholm St.	GROUND ELEVATION	216.00 Ft. AMSL
		DEPTH TO WATER	21.85 Ft. BMP
		WATER ELEVATION	193.72 Ft. AMSL

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE
					0	Asphalt	
		CL			0	Clay, yellowish-red (5YR 5/6) & reddish-yellow (7.5YR 6/8), sandy, micaceous	
					0		
					0		
					0		
5					0		
					0		
					0		
					0		
					0		
10		SM			0	Sand, reddish-yellow (5YR 5/6), fine grained, silty, w/mica	
					0		
					0		
					0		
15					0		
					0		
					0		
					0		
					0	Yellow (10YR 7/8), fine grained, silty w/mica & glauconite	
20		SC SM			0	Sand, brownish-yellow (10YR 6/6), fine to med. grained, silty & clayey w/mica & glauconite	
					0		
					0		
					0		2/7/03
					0		
25		SP SM			0	Sand, brownish-yellow (10YR 6/8), fine to very coarse grained, w/approx. 25% fine to coarse gravel	
					0		
		SC SM			0.7	Sand, brownish-yellow & pale yellow (5Y 8/2), fine grained, silty & clayey w/mica & glauconite	
					0		
30					0	Sand, brownish-yellow (10YR 6/8) & pale yellow (5Y 8/2), fine to med. grained, silty w/mica & glauconite	
					0		
					0		
					0		

BORING DIAGRAM



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TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING MW 342 & WELL CONSTRUCTION

PROJECT NUMBER 0700-024 **GEOLOGIST** S. Grammas

LOCATION Montgomery, AL* **DATE(S) DRILLED** 01/22/2003 - 01/28/2003

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	BORING DIAGRAM
					8.6			
					0			
35					4.5			
					1.8			
					1.7			
					0			
					0	Sand, brownish-yellow & pale yellow, fine to coarse grained, w/mica & glauconite		
40					0			
		SM			1.9			
					3.6			
					0			Grout
					8.0			
45					0.8			2" PVC
					0			
					0			8" Steel permanent casing
					0			
					0			
50					0			
					0			
					0	Sand, yellow & pale olive (5Y 6/3), fine to med. grained, silty w/mica & glauconite		
					0			
55					0	Sand, pale olive & olive yellow (2.5Y 6/6), fine grained, silty & clayey w/mica & glauconite		
					0			
					0			
		SC			0			
					0			
60					0	Sand, light yellowish-brown (2.5Y 7/3) & pale olive, fine to coarse grained w/interbedded ¼" to 3" light gray (5Y 7/1) clay lenses		
					0			
					0	Sand, light yellowish-brown, fine to coarse grained, clayey w/mica & glauconite		
					0	Light yellowish-brown & brownish-yellow, fine to coarse grained w/mica & glauconite		
					0	Clay, dark gray (5Y 4/1), silty w/interbedded ½" to 1" fine to coarse light gray sand lenses (moist)		
65					0	Clay, dark gray w/silty fine sand laminae		
					0			
					0			
		CL			0			
					0			
					0			Grout
70					0			

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Coliseum Blvd. Plume
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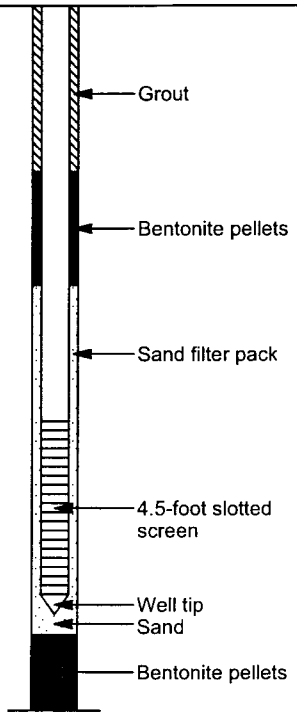
TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING MW 342 & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	**GEOLOGIST**	S. Grammas
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	01/22/2003 - 01/28/2003

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE
					0		
					0		
		SC			0	Sand, gray (N5), fine to coarse grained, very clayey, micaceous, moist	
					0	Clay, greenish-gray (5BG 6/1), silty, micaceous	
75					0		
		CL			0		
					0		
					0	Silt, greenish-gray, micaceous, clayey, glauconitic	
					0	Silt, greenish-gray, micaceous, sandy, glauconitic, moist	
80					0		
					0		
		ML			0		
					0		
					0		
85					0		
					0	W/approx. 3" thick lense of greenish-gray fine to coarse sand	
		CL			0	Clay, reddish-brown (2.5YR 5/3) & greenish-gray (10BG 5/1), micaceous (top of Gordo Formation)	
					0		
						BORING TERMINATED AT 89 FEET.	

BORING DIAGRAM



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TTL Technology and Tradition

ALABAMA DEPT. OF TRANSPORTATION
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE PH81 & PROBEHOLE CONSTRUCTION

PROJECT NUMBER		GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	02/21/2003
DRILLING COMPANY	Plains Env. Services	CASING DIA./TYPE	
DRILLER	D. Mick	SCREEN SLOT/TYPE	
DRILLING METHOD	Geoprobe	FILTER PACK TYPE	
		TOP OF CASING	Ft. AMSL
REMARKS	*Vandiver Blvd.	GROUND ELEVATION	205.19 Ft. AMSL
		DEPTH TO WATER	
		WATER ELEVATION	

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	PROBEHOLE DIAGRAM
		SM				Sand, dark grayish-brown (10YR 4/2) & brownish-yellow (10YR 6/6), fine grained, silty		← Well Cover
		CL				Clay, yellowish-brown (10YR 6/6) & brown (10YR 5/3), sandy		
		SM			0	Sand, light olive brown (2.5Y 5/4), fine grained, silty		
					0	Clay, light olive brown (2.5Y 5/3), sandy		
					0	Light olive brown & brownish-yellow, sandy		
5					0			
					0			
		CL			0			
					0			
					0			
10					0			
					0			
					0			
		SM			0	Sand, pale yellow (5Y 7/3) & brownish-yellow, fine to coarse grained		
					0			
15					0	Sand, pale yellow & brownish-yellow, fine to very coarse grained w/less than 5% fine to coarse gravel, saturated		
						W/approx. 30% fine to coarse gravel		
20		SP SM				Brownish-yellow w/approx. 30% fine to coarse gravel		
25						Sand, brownish-yellow, fine to coarse grained		
		SM				Sand, pale yellow (5Y 8/3), fine to med. grained, silty w/mica & glauconite		
30						Clay, brownish-yellow & light gray, sandy		
		CL						
						BORING TERMINATED AT 34 FEET.		

Coliseum Blvd. Plume

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TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF PROBEHOLE PH82 & PROBEHOLE CONSTRUCTION

PROJECT NUMBER		GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	02/24/2003
DRILLING COMPANY	Plains Env. Services	CASING DIA./TYPE	
DRILLER	D. Mick	SCREEN SLOT/TYPE	
DRILLING METHOD	Geoprobe	FILTER PACK TYPE	
		TOP OF CASING	Ft. AMSL
REMARKS	*Chisholm Baseball Fields	GROUND ELEVATION	206.48 Ft. AMSL
		DEPTH TO WATER	
		WATER ELEVATION	

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	PROBEHOLE DIAGRAM ← Well Cover
		OL				Organics		
		SM				Sand, _____ (10YR 4/3), fine grained, silty		
		CL				Clay, yellowish-brown (10YR 5/8), light gray (10YR 7/1), and yellowish-red (5YR 5/8), sandy		
5								
		SC				Sand, yellowish-brown, light gray, yellowish-red, fine to med. grained, clayey		
10								
		SP SM				Sand, yellowish-brown, light gray, yellowish-red, fine to very coarse grained w/approx. 15% fine to coarse gravel		
		GW				Gravel, fine to very coarse, w/fine to very coarse sand		
15								
						No recovery (presumed gravel)		
20								
		GW				Gravel, fine to very coarse, w/fine to very coarse sand		
25		SM				Sand, yellowish-brown (10YR 5/6), fine to very coarse grained w/mica		
30		SP SM				Sand, yellowish-brown (10YR 5/6), fine to very coarse grained, w/approx. 10% fine gravel		
		SM				Sand, yellowish-brown (10YR 5/6), fine to coarse grained.		

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TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF PROBEHOLE PH82 & PROBEHOLE CONSTRUCTION

PROJECT NUMBER _____ **GEOLOGIST** S. Grammas

LOCATION Montgomery, AL* **DATE(S) DRILLED** 02/24/2003

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	PROBEHOLE DIAGRAM
		SM				Sand, yellowish-brown (10YR 5/6), fine to coarse grained (cont'd.)		
		CL				Clay, strong brown (7.5YR 5/6) and light gray (10YR 7/1), sandy w/mica Clay, dark gray (5Y 4/1), sandy w/mica		
40						BORING TERMINATED AT 40 FEET.		

Coliseum Blvd Plume
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TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF PROBEHOLE PH83 & PROBEHOLE CONSTRUCTION

PROJECT NUMBER		GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	02/25/2003
DRILLING COMPANY	Plains Env. Services	CASING DIA./TYPE	
DRILLER	D. Mick	SCREEN SLOT/TYPE	
DRILLING METHOD	Geoprobe	FILTER PACK TYPE	
		TOP OF CASING	Ft. AMSL
REMARKS	*Behind Baseball Fields	GROUND ELEVATION	205.02 Ft. AMSL
		DEPTH TO WATER	
		WATER ELEVATION	

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	PROBEHOLE DIAGRAM ← Well Cover
		OL				Organics		
5		CL				Clay, strong brown (7.5YR 5/6), red (2.5YR 4/8), dark red (2.5YR 3/6), and light gray (2.5Y 7/2), sandy		
		SC				Sand, strong brown, red, dark red, and light gray, fine to med. grained, clayey		
10		SM				Sand, brownish-yellow (10YR 6/6) and pale yellow (5Y 7/3), fine grained, silty w/mica		
		SP SM				Sand, brownish-yellow (10YR 6/6), strong brown (7.5YR 5/8), and white (5Y 8/1), fine to very coarse grained w/approx. 40% fine to med. gravel		
15						Reddish-yellow (7.5YR 6/8), increasing gravel		
20		GW				Gravel, reddish-yellow, fine to very coarse sands and fine to very coarse gravel, w/occ. clay nodules		
25								
		SP				Sand, brownish-yellow (10YR 6/6), fine to very coarse grained w/approx. 20% fine to coarse gravel		
30		SM				Sand, yellowish-brown (10YR 5/6), fine to coarse gravel w/mica and glauconite		
		SP				Sand, yellowish-brown, fine to very coarse grained w/approx. 40% fine to coarse gravel		

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TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF PROBEHOLE PH83 & PROBEHOLE CONSTRUCTION

PROJECT NUMBER _____ **GEOLOGIST** S. Grammas

LOCATION Montgomery, AL* **DATE(S) DRILLED** 02/25/2003

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	PROBEHOLE DIAGRAM
40		SP				Sand, yellowish-brown, fine to very coarse grained w/approx. 40% fine to coarse gravel (cont'd.)		
45		SM				Sand, pale yellow (5Y 7/3), fine grained, silty w/mica & glauconite		
		SC				Sand, yellowish-red (5YR 4/6), fine grained, silty w/??? of clay lenses		
50		CL				Clay, strong brown (7.5YR 5/6) and light gray (10YR 7/1), sandy, w/mica		

BORING TERMINATED AT 50 FEET.

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TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF PROBEHOLE PH84 & PROBEHOLE CONSTRUCTION

PROJECT NUMBER		GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	02/26/2003
DRILLING COMPANY	Plains Env. Services	CASING DIA./TYPE	
DRILLER	D. Mick	SCREEN SLOT/TYPE	
DRILLING METHOD	Geoprobe	FILTER PACK TYPE	
		TOP OF CASING	Ft. AMSL
REMARKS	*Behind Baseball Fields	GROUND ELEVATION	205.49 Ft. AMSL
		DEPTH TO WATER	
		WATER ELEVATION	

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	PROBEHOLE DIAGRAM ← Well Cover
		OL				Organics		
		CL				Clay, strong brown (7.5YR 5/6), red (2.5YR 4/8), dark red (2.5YR 3/6), and light gray (2.5Y 7/2), sandy		
		SM				Sand, strong brown and light olive brown (2.5Y 5/4), fine grained, silty		
		CL				Clay, strong brown and grayish-brown (2.5Y 5/2), sandy		
5		CL				Strong brown, red, dark red, and light gray		
10		CL				Same, majority light gray		
15		SP SM				Sand, brownish-yellow (10YR 6/6), strong brown, fine to very coarse grained w/approx. 30% fine to med. gravel		
20		GW				Gravel, reddish-yellow, fine to very coarse sand and fine to very coarse gravel		
25		GW				White (5Y 8/1)		
		GW				Reddish-yellow and light yellowish-brown (7.5YR 6/3)		
30		SP				Sand, brownish-yellow (10YR 6/6), fine to very coarse gravel w/approx. 20% fine to very coarse gravel		
		SC				Sand, brownish-yellow (10YR 6/6) and light gray (5Y 7/2), fine to med. grained w/mica; clayey		
		SM				Sand, brownish-yellow, fine to med. grained		
						Sand, brownish-yellow (10YR 6/6) and light gray (5Y		

Continued on Next Page

Coliseum Blvd Plume
F:\2000\0700\024\GIS DATABASE\PH34 52(NEW).GPJ 4/9/03 Report:TTL WELL LOG2 Template:TTLENV.GDT

TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF PROBEHOLE PH84 & PROBEHOLE CONSTRUCTION

PROJECT NUMBER		GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	02/26/2003

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	PROBEHOLE DIAGRAM
		SC				7/2), fine to med. grained w/mica; clayey		
40						Sand, gray (10YR 6/1), fine grained, silty w/mica; clayey, carbon deposits		
		SM				Sand, light greenish-gray (Gley 1 7/1), fine to med. grained, silty		
45		CL				Clay, greenish-gray (Gley 1 5/1)		
						BORING TERMINATED AT 47 FEET.		

Coliseum Blvd. Plume
F:\2000\0700\024\GIS DATABASE\PH34_52(NEW).GPJ 4/9/03 Report:TTL WELL LOG2 Template:TTLENV.GDT

TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF PROBEHOLE PH85 & PROBEHOLE CONSTRUCTION

PROJECT NUMBER		GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	02/27/2003
DRILLING COMPANY	Plains Env. Services	CASING DIA./TYPE	
DRILLER	D. Mick	SCREEN SLOT/TYPE	
DRILLING METHOD	Geoprobe	FILTER PACK TYPE	
		TOP OF CASING	Ft. AMSL
REMARKS	*Ferndale Ct.	GROUND ELEVATION	210.87 Ft. AMSL
		DEPTH TO WATER	
		WATER ELEVATION	

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	PROBEHOLE DIAGRAM ← Well Cover
						Asphalt		
		CL				Clay, reddish-yellow (7.5YR 6/6), red (10R 4/6), and dark red (10R 3/6), sandy Surficial clay		
5								
10								
		SM				Sand, strong brown (7.5YR 5/8) and yellow (2.5Y 7/8), fine to coarse grained		
15								
		GW				Gravel, strong brown and yellow, fine to very coarse sands w/fine to very coarse gravel		
20								
		SM				Sand, pale yellow (5Y 7/4), fine to med. grained, w/mica & glauconite		
25								
						Occasional banding of yellowish-red (5YR 5/8)		
30								
						Sand, yellowish-red (5YR 5/8), fine to coarse grained, w/mica & glauconite		

Continued Next Page

Coliseum Blvd. Plume
F:\2000\0700\024\GIS DATABASE\PH34_52(NEW).GPJ 4/9/03 Report:TTL WELL LOG2 Template:TTLENV.GDT

TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF PROBEHOLE PH85 & PROBEHOLE CONSTRUCTION

PROJECT NUMBER		GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	02/27/2003

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	PROBEHOLE DIAGRAM
40								
		SC				Sand, yellowish-red and pale yellow, fine grained, clayey w/mica & glauconite		
		CL				Clay, pale olive (5Y 6/3), yellowish-brown (10YR 5/8), sandy w/mica		
						BORING TERMINATED AT 44 FEET.		

Coliseum Blvd Plume
F:\2000\0700\024\GIS DATABASE\PH34 52(NEW).GPJ 4/9/03 Report:TTL WELL LOG2 Template:TTLENV.GDT

TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF PROBEHOLE PH87 & PROBEHOLE CONSTRUCTION

PROJECT NUMBER		GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	02/28/2003
DRILLING COMPANY	Plains Env. Services	CASING DIA./TYPE	
DRILLER	D. Mick	SCREEN SLOT/TYPE	
DRILLING METHOD	Geoprobe	FILTER PACK TYPE	
		TOP OF CASING	Ft. AMSL
REMARKS	*Gardendale Dr.	GROUND ELEVATION	209.36 Ft. AMSL
		DEPTH TO WATER	
		WATER ELEVATION	

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	PROBEHOLE DIAGRAM ← Well Cover
						Asphalt		
		CL				Clay, reddish-yellow (7.5YR 6/6), red (10R 4/6), and light gray (10YR 7/1)		
5								
10		SM				Sand, strong brown (7.5YR 5/8) and yellow (2.5Y 7/8), fine grained		
						Fine to med. grained		
15						Sand, light yellowish-brown (2.5Y 6/4), fine to very coarse grained		
		SP SM				Sand, yellowish-red (5YR 5/8), brown (10YR 4/3), and very pale brown (10YR 7/3), fine to very coarse grained w/approx. 10% fine to med. gravel		
20						Sand, pale yellow (5Y 7/4) and yellowish-red (5YR 5/8), fine to med. grained w/mica & glauconite		
25								
		SM				Yellowish-red		
30						Yellowish-red and pale yellow		

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F:\2000\0700\024\GIS DATABASE\PH34 52(NEW).GPJ 4/9/03 Report TTL WELL LOG2 Template TTLENV.GDT Coliseum Blvd Plume

TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF PROBEHOLE PH87 & PROBEHOLE CONSTRUCTION

PROJECT NUMBER _____ **GEOLOGIST** S. Grammas

LOCATION Montgomery, AL* **DATE(S) DRILLED** 02/28/2003

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	PROBEHOLE DIAGRAM
		SC				Sand, pale yellow and yellowish-red, clayey		
40		CL				Clay, pale olive (5Y 6/3) and yellowish-brown (10YR 5/8), sandy w/mica		
						BORING TERMINATED AT 40 FEET.		

Coliseum Blvd. Plume
F:\2000\0700\024\GIS DATABASE\PH34 52(NEW).GPJ 4/9/03 Report:TTL WELL LOG2 Template.TTLENV.GDT

DEPARTMENT OF TRANSPORTATION

January and February 2003
Status Report
Coliseum Boulevard Plume Investigation

ATTACHMENT C
MONITORING WELL DEVELOPMENT
AND
SAMPLING FORMS

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/6/03 Well No.: MW-206 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.19	54.5	partly cloudy 50's lightning	45	29

Disolved Oxygen (mg/L)	Begin Reading:	5.05	Time:	2:20	End Reading:	5.93	Time:	3:15
Redox (mV)	Begin Reading:	634	Time:	2:20	End Reading:	667	Time:	3:15
Iron (mg/L)	Fe (II):	<.50	Time:	3:25	Fe (Total):	<.50	Time:	3:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:20 pm	21.90	96	6.17	19.2
2:25	21.93	85	5.95	10.7
2:30	21.96	83	5.94	6.7
2:35	21.93	82	5.93	5.4
2:40	21.91	81	5.91	4.1
2:45	22.12	80	5.86	4.3
2:50	21.94	80	5.81	3.3
2:55	22.04	78	5.79	2.8
3:00	21.88	78	5.76	2.4
3:05	22.07	77	5.75	2.2
3:10	22.04	76	5.74	2.3
3:15	22.02	75	5.74	2.1

Comments: Sampled @ 3:20 p.m.
TOC sample collected.

Verified by: KDixon Date: 1-7-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/7/03 Well No.: MW-210 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
2.39	9	Sunny 30's	43	11

Disolved Oxygen (mg/L)	Begin Reading:	3.48	Time:	9:30	End Reading:	.68	Time:	9:55
Redox (mV)	Begin Reading:	873	Time:	9:30	End Reading:	676	Time:	9:55
Iron (mg/L)	Fe (II):	<.50	Time:	10:05	Fe (Total):	<.50	Time:	10:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:30 AM	14.50	231	6.48	31.5
9:35	14.99	263	6.57	3.5
9:40	14.96	266	6.58	1.7
9:45	14.85	269	6.58	0.5
9:50	14.84	270	6.58	0.4
9:55	14.94	271	6.59	0.2

Comments: Sampled @ 10:00 a.m.

Verified by: [illegible] Date: 1-7-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/7/03 Well No.: MW-219 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
7.51	19.5	Sunny 40s	40	20

Disolved Oxygen (mg/L)	Begin Reading:	4.86	Time:	10:45	End Reading:	2.48	Time:	11:35
Redox (mV)	Begin Reading:	777	Time:	10:45	End Reading:	779	Time:	11:35
Iron (mg/L)	Fe (II):	<.50	Time:	11:40	Fe (Total):	<.50	Time:	11:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:45 am	17.85	44	4.53	370
10:50	19.38	44	4.37	62.3
10:55	19.46	43	4.31	24.4
11:00	19.51	43	4.36	12.8
11:05	19.61	44	4.32	7.6
11:10	19.57	44	4.34	6.0
11:15	19.63	44	4.33	4.8
11:20	19.60	44	4.35	3.5
11:25	19.66	44	4.36	2.9
11:30	19.68	43	4.34	2.9

Comments: Sampled @ 11:35 a.m.

Verified by: K Dixon Date: 1-7-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/7/03 Well No.: MW-109 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
26.47	33	sunny 50's	40	10

Disolved Oxygen (mg/L)	Begin Reading:	6.14	Time:	12:50	End Reading:	3.72	Time:	1:20
Redox (mV)	Begin Reading:	673	Time:	12:50	End Reading:	726	Time:	1:20
Iron (mg/L)	Fe (II):	<.50	Time:	1:35	Fe (Total):	<.50	Time:	1:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:50 pm	19.52	61	4.84	27.8
12:55	20.94	51	4.41	8.1
1:00	21.13	50	4.35	5.2
1:05	20.95	49	4.35	3.0
1:10	21.19	50	4.37	1.5
1:15	21.02	49	4.34	0.7
1:20	20.97	49	4.37	0.0

Comments: Sampled @ 1:25pm
Sampled Dup @ 1:30pm

Verified by: KBrown Date: 1-7-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/7/03 Well No.: MW-209 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
25.89	70		Sunny 50's		50		25	
Disolved Oxygen (mg/L)	Begin Reading:	1.00	Time:	1:50	End Reading:	2.32	Time:	2:35
Redox (mV)	Begin Reading:	634	Time:	1:50	End Reading:	764	Time:	2:35
Iron (mg/L)	Fe (II):	1.50	Time:	2:45	Fe (Total):	1.80	Time:	2:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:50 pm	20.59	88	5.31	36.8
1:55	20.38	72	5.09	6.4
2:00	20.75	63	5.00	2.4
2:05	20.76	59	4.94	1.4
2:10	20.82	57	4.92	0.6
2:15	20.80	56	4.91	0.2
2:20	20.80	55	4.88	0.0
2:25	20.83	54	4.87	0.3
2:30	20.83	55	4.86	0.2
2:35	20.79	55	4.85	0.1

Comments: Sampled @ 2:40pm

Verified by: [illegible] Date: 1-8-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/8/03 Well No.: MW-104 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.47	31	mostly sunny 40's	40	20

Disolved Oxygen (mg/L)	Begin Reading:	5.09	Time:	9:35	End Reading:	4.65	Time:	10:20
Redox (mV)	Begin Reading:	793	Time:	9:35	End Reading:	728	Time:	10:20
Iron (mg/L)	Fe (II):	<.50	Time:	10:30	Fe (Total):	<.50	Time:	10:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:35 am	21.80	61	4.62	80.3
9:40	21.77	60	4.57	43.2
9:45	22.01	60	4.55	22.6
9:50	22.17	60	4.54	10.5
9:55	22.11	60	4.54	8.0
10:00	22.02	60	4.53	4.7
10:05	22.04	60	4.53	1.7
10:10	22.18	60	4.54	0.7
10:15	22.11	60	4.54	0.3
10:20	22.27	60	4.52	0.1

Comments: Sampled @ 10:25 a.m.

Verified by: [illegible] Date: 1-8-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/8/03 Well No.: MW-204 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.68	64	sunny 40's	43	24

Disolved Oxygen (mg/L)	Begin Reading:	5.62	Time:	11:05	End Reading:	5.67	Time:	11:40
Redox (mV)	Begin Reading:	652	Time:	11:05	End Reading:	652	Time:	11:40
Iron (mg/L)	Fe (II):	<.50	Time:	11:55	Fe (Total):	<.50	Time:	12:00

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:05 am	21.39	50	5.14	23.2
11:10	20.97	48	5.07	11.8
11:15	21.36	48	5.05	5.9
11:20	21.36	48	5.03	3.2
11:25	21.21	48	5.01	1.5
11:30	21.14	48	5.00	.7
11:35	21.25	48	4.98	0.0
11:40	21.27	48	4.99	0.1

Comments: Sampled @ 11:45 am

Sampled Dup @ 11:50 am

Verified by: K Dixon Date: 1-8-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Hyle Massey

Date: 1/8/03 Well No.: MW-304 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.79	87	sunny 50s	50	33

Disolved Oxygen (mg/L)	Begin Reading:	3.59	Time:	1:15	End Reading:	.34	Time: 2:00
Redox (mV)	Begin Reading:	443	Time:	1:15	End Reading:	409	Time: 2:00
Iron (mg/L)	Fe (II):	.85	Time:	2:10	Fe (Total):	.80	Time: 2:15

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:15 pm	20.84	210	6.88	41.4
1:20	20.80	163	6.81	17.6
1:25	20.86	153	6.71	5.9
1:30	20.84	151	6.64	2.8
1:35	20.72	149	6.61	1.7
1:40	20.73	147	6.58	0.0
1:45	20.75	146	6.57	0.0
1:50	20.63	145	6.55	0.0
1:55	20.60	145	6.54	0.0
2:00	20.58	144	6.54	0.0

Comments: Sampled @ 2:05 pm

Verified by: T. Dixon Date: 1-8-03

TTL, Inc.

January 2003

Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Reggie Robinson

Date: 1/8/03 Well No.: MW-223 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.98	70	Sunny 60's	44	24

Disolved Oxygen (mg/L)	Begin Reading:	6.23	Time:	2:55	End Reading:	5.62	Time:	3:25
Redox (mV)	Begin Reading:	586	Time:	2:55	End Reading:	651	Time:	3:25
Iron (mg/L)	Fe (II):	<.50	Time:	3:35	Fe (Total):	<.50	Time:	3:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:55 pm	19.73	54	4.95	16.0
3:00	19.60	55	4.80	6.6
3:05	19.57	56	4.75	1.9
3:10	19.52	56	4.73	0.0
3:15	19.52	57	4.72	0.0
3:20	19.50	56	4.70	0.0
3:25	19.50	56	4.69	0.0

Comments: Sampled @ 3:30 pm
Sampled TOC

Verified by: K Dixon Date: 1-8-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/9/03 Well No.: MW-134 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
15.33	26	Sunny 50's/60's	35	30

Disolved Oxygen (mg/L)	Begin Reading:	6.18	Time:	9:30	End Reading:	5.89	Time:	10:35
Redox (mV)	Begin Reading:	851	Time:	9:30	End Reading:	740	Time:	10:35
Iron (mg/L)	Fe (II):	2.50	Time:	10:45	Fe (Total):	2.50	Time:	10:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:30 am	22.63	50	4.57	35.5
9:35	22.91	50	4.38	28.0
9:40	22.86	49	4.40	29.1
9:45	22.85	49	4.39	28.3
9:50	22.92	49	4.38	20.3
9:55	22.85	49	4.40	20.0
10:00	22.94	49	4.40	15.3
10:05	22.98	49	4.41	11.3
10:10	22.96	49	4.41	7.0
10:15	22.98	49	4.42	5.7
10:20	22.93	49	4.41	3.7
10:25	22.94	49	4.41	1.8
10:30	22.94	49	4.42	0.8
10:35	22.92	49	4.42	0.5

Comments: Sampled @ 10:40

Verified by: KDixon Date: 1-9-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/9/03 Well No.: MW-234 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
15.50	39.5	Sunny 60's	35	16

Disolved Oxygen (mg/L)	Begin Reading:	4.55	Time:	11:00	End Reading:	4.95	Time:	11:40
Redox (mV)	Begin Reading:	702	Time:	11:00	End Reading:	678	Time:	11:40
Iron (mg/L)	Fe (II):	0.50	Time:	11:50	Fe (Total):	0.50	Time:	11:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:00 am	22.22	75	4.84	77.8
11:05	22.38	74	4.70	24.2
11:10	22.31	74	4.70	19.8
11:15	22.37	74	4.71	18.8
11:20	22.31	74	4.69	8.9
11:25	22.36	74	4.69	5.8
11:30	22.35	74	4.70	5.7
11:35	22.40	74	4.69	4.6
11:40	22.41	75	4.67	5.0

Comments: Sampled @ 11:45 a.m.

Verified by: [signature] Date: 1-9-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/9/03 Well No.: MW-115 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
17.43	25		Sunny upper 60's		35		15	
Disolved Oxygen (mg/L)	Begin Reading:	5.53	Time:	1:10	End Reading:	5.26	Time:	1:35
Redox (mV)	Begin Reading:	574	Time:	1:10	End Reading:	603	Time:	1:35
Iron (mg/L)	Fe (II):	4.50	Time:	1:45	Fe (Total):	4.50	Time:	1:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:10 pm	21.46	91	4.49	31.2
1:15	21.27	88	4.47	11.7
1:20	21.24	88	4.51	3.2
1:25	21.22	88	4.55	1.4
1:30	21.26	88	4.55	0.0
1:35	21.27	88	4.54	0.0

Comments: Sampled @ 1:40 pm

* Removed Mini-roll from well 1:05 pm – 1:55 pm

Verified by: [illegible] Date: 1-9-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/9/03 Well No.: MW-215 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
17.67	39.5	sunny low 70s light wind	38	40

Disolved Oxygen (mg/L)	Begin Reading:	6.84	Time:	2:00	End Reading:	5.22	Time:	3:05
Redox (mV)	Begin Reading:	548	Time:	2:00	End Reading:	590	Time:	3:05
Iron (mg/L)	Fe (II):	<.50	Time:	3:15	Fe (Total):	<.50	Time:	3:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:00 pm	20.89	64	4.77	156
2:05	20.80	63	4.72	98.1
2:10	20.78	63	4.71	55.8
2:15	20.77	63	4.74	45.3
2:20	20.77	63	4.74	21.7
2:25	20.77	63	4.74	17.2
2:30	20.81	63	4.77	14.9
2:35	20.80	63	4.75	10.5
2:40	20.81	63	4.75	6.2
2:45	20.74	63	4.75	3.5
2:50	20.72	63	4.75	2.1
2:55	20.72	63	4.74	1.4
3:00	20.69	63	4.75	1.3
3:05	20.67	63	4.74	1.2

Comments: Sampled @ 3:10pm

Verified by: KDixon Date: 1-9-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/10/03 Well No.: MW-214A Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
7.19	19		Sunny 40's		30		13	
Disolved Oxygen (mg/L)	Begin Reading:	3.59	Time:	9:10	End Reading:	1.16	Time:	10:00
Redox (mV)	Begin Reading:	821	Time:	9:10	End Reading:	713	Time:	10:00
Iron (mg/L)	Fe (II):	2.50	Time:	10:10	Fe (Total):	2.50	Time:	10:15

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:10 a.m.	15.83	80	4.89	104
9:15	16.48	80	4.87	43.3
9:20	16.60	80	4.87	28.3
9:25	16.64	80	4.87	16.3
9:30	16.35	79	4.88	~~4.~~ DO73 12.4
9:35	16.59	79	4.87	11.0
9:40	16.73	79	4.86	5.4
9:45	16.86	79	4.87	3.1
9:50	16.71	79	4.86	1.7
9:55	16.82	79	4.87	0.8
10:00	16.90	79	4.87	0.2

Comments: Sampled @ 10:05 a.m.

Verified by: Dixon Date: 1-10-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baber, Kyle Massey

Date: 1/10/03 Well No.: MW-221 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
17.07	26.5	Sunny 50s light wind	33	12

Disolved Oxygen (mg/L)	Begin Reading:	3.44	Time:	10:55	End Reading:	4.93	Time:	11:35
Redox (mV)	Begin Reading:	593	Time:	10:55	End Reading:	655	Time:	11:35
Iron (mg/L)	Fe (II):	1.50	Time:	11:45	Fe (Total):	1.50	Time:	11:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:55	21.55	114	5.67	241
11:00	22.44	84	4.35	54.3
11:05	22.20	86	4.29	22.7
11:10	22.53	87	4.28	11.3
11:15	22.37	86	4.30	7.3
11:20	22.53	87	4.30	4.1
11:25	22.43	87	4.29	3.5
11:30	22.49	87	4.30	0.9
11:35	22.44	88	4.31	0.0

Comments: Sampled @ 11:40 a.m.

Verified by: [signature] Date: 1-10-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle [illegible]

Date: 1/10/03 Well No.: MW-118 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
11.68	BTB 21.9	Sunny 50° light wind	30	8

Disolved Oxygen (mg/L)	Begin Reading:	5.88	Time:	1:10	End Reading:	6.13	Time:	1:40
Redox (mV)	Begin Reading:	611	Time:	1:10	End Reading:	618	Time:	1:40
Iron (mg/L)	Fe (II):	<.50	Time:	1:50	Fe (Total):	<.50	Time:	1:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:10 pm	18.79	66	4.56	89.7
1:15	19.25	64	4.57	27.5
1:20	19.72	63	4.59	4.7
1:25	19.78	63	4.63	2.3
1:30	19.53	63	4.60	1.7
1:35	19.57	63	4.60	1.2
1:40	19.79	63	4.61	0.4

Comments: Sampled @ 1:45pm

Verified by: [illegible] Date: 1-10-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Bagley, Kyle Mccray

Date: 1/10/03 Well No.: MW-218 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
11.73	39.5	Sunny 50s light wind	35	15

Disolved Oxygen (mg/L)	Begin Reading:	4.30	Time:	2:05	End Reading:	1.06	Time:	2:40
Redox (mV)	Begin Reading:	574	Time:	2:05	End Reading:	550	Time:	2:40
Iron (mg/L)	Fe (II):	<.50	Time:	2:55	Fe (Total):	<.50	Time:	3:00

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:05 pm	18.40	85	5.61	57.8
2:10	19.67	75	5.57	21.1
2:15	19.68	73	5.52	4.4
2:20	20.04	73	5.53	0.2
2:25	20.61	73	5.52	0.0
2:30	20.51	73	5.50	0.0
2:35	20.47	73	5.49	0.0
2:40	20.42	73	5.51	0.0

Comments: Sampled @ 2:45 pm

Sampled Dup @ 2:50 pm

Verified by: Dixon Date: 1-10-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/10/03 Well No.: MW-124 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
28.46	39		Sunny 50s light wind		35		29	
Disolved Oxygen (mg/L)	Begin Reading:	7.94	Time:	3:25	End Reading:	7.87	Time:	4:00
Redox (mV)	Begin Reading:	619	Time:	3:25	End Reading:	629	Time:	4:00
Iron (mg/L)	Fe (II):	1.50	Time:	4:10	Fe (Total):	1.50	Time:	4:15

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:25 pm	20.60	64	4.45	>440
3:30	20.99	64	4.48	162
3:35	21.00	64	4.44	35.7
3:40	20.94	64	4.43	11.6
3:45	20.95	64	4.43	4.9
3:50	20.93	64	4.43	2.5
3:55	20.91	65	4.44	0.9
4:00	20.90	65	4.44	0.3

Comments: Sampled @ 4:05 pm

Verified by: [illegible] Date: 1-10-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey, Hassey, Brooks

Date: 1/13/03 Well No.: MW-101 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
8.48	12.5		Cloudy 40s		30		6	
Disolved Oxygen (mg/L)	Begin Reading:	9.10	Time:	10:00	End Reading:	7.38	Time:	10:40
Redox (mV)	Begin Reading:	650	Time:	10:00	End Reading:	778	Time:	10:40
Iron (mg/L)	Fe (II):	<.50	Time:	10:50	Fe (Total):	<.50	Time:	10:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:00 a.m.	13.97	65	4.46	296
10:05	15.60	66	4.49	82.0
10:10	14.77	60	4.39	18.9
10:15	15.12	59	4.41	6.6
10:20	15.39	58	4.42	2.4
10:25	14.98	57	4.41	1.5
10:30	14.81	55	4.42	0.3
10:35	14.96	55	4.41	0.0
10:40	14.95	54	4.42	0.0

Comments: sampled at 10:45 a.m.

Verified by: [illegible] Date: 1-14-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/13/03 Well No.: MW-28I Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
8.61	27.93	Cloudy 40s	31	12

Disolved Oxygen (mg/L)	Begin Reading:	6.37	Time:	11:15	End Reading:	4.45	Time: 11:50
Redox (mV)	Begin Reading:	733	Time:	11:15	End Reading:	750	Time: 11:50
Iron (mg/L)	Fe (II):	<.50	Time:	12:00	Fe (Total):	<.50	Time: 12:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:15	17.75	61	5.11	50.7
11:20	18.16	59	4.87	11.7
11:25	18.63	60	4.87	8.6.3
11:30	18.29	59	4.92	4.6
11:35	19.48	60	4.90	2.3
11:40	19.41	60	4.87	0.4
11:45	19.37	60	4.86	0.0
11:50	19.64	60	4.87	0.0

Comments: Sample @ 11:55 a.m.

Verified by: [signature] Date: 1-13-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/13/03 Well No.: MW-103 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
	17.95		cloudy 40's		30		2.5	
Disolved Oxygen (mg/L)	Begin Reading:	6.11	Time:	12:30	End Reading:	5.78	Time:	1:00
Redox (mV)	Begin Reading:	740	Time:	12:30	End Reading:	746	Time:	1:00
Iron (mg/L)	Fe (II):	<.50	Time:	1:40	Fe (Total):	<.50	Time:	1:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:30 pm	17.32	276	5.06	286
12:35	18.06	189	5.01	91.1
12:40	18.57	184	5.07	40.6
12:45	18.57	183	5.03	14.7
12:50	17.49	182	5.02	12.5
12:55	17.86	178	5.03	10.6
1:00	17.74	176	5.02	10.4
1:02	well Dry			

Comments: Sampled @ 1230 → 2:00pm

Verified by: KDixon Date: 1-13-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/13/03 Well No.: MW-203 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
14.35	33.66	Sunny 50's	30	10

Disolved Oxygen (mg/L)	Begin Reading:	5.94	Time:	2:20	End Reading:	4.84	Time:	3:00
Redox (mV)	Begin Reading:	757	Time:	2:20	End Reading:	772	Time:	3:00
Iron (mg/L)	Fe (II):	<.50	Time:	3:10	Fe (Total):	<.50	Time:	3:15

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:20 pm	19.17	62	4.51	>440
2:25	19.50	64	4.42	150
2:30	19.62	64	4.38	60.0
2:35	19.79	64	4.37	34.4
2:40	19.84	64	4.37	10.4
2:45	19.82	64	4.37	3.8
2:50	19.89	64	4.37	0.5
2:55	19.85	64	4.37	0.0
3:00	19.77	64	4.37	0.0

Comments: Sampled @ 3:05pm

Verified by: [illegible] Date: 1-13-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Nosley

Date: 1/13/03 Well No.: MW-4A Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
19.17	49.5		Sunny 50s		35		22	
Disolved Oxygen (mg/L)	Begin Reading:	8.82	Time:	3:40	End Reading:	6.49	Time:	4:10
Redox (mV)	Begin Reading:	734	Time:	3:40	End Reading:	762	Time:	4:10
Iron (mg/L)	Fe (II):	<.50	Time:	4:25	Fe (Total):	<.50	Time:	4:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:40	19.13	48	5.11	>440
3:45	19.67	44	4.95	140
3:50	19.73	45	4.89	58
3:55	19.69	45	4.81	8.2
4:00	19.70	45	4.81	1.4
4:05	19.70	45	4.81	0.0
4:10	19.71	45	4.80	0.0

Comments: Sampled @ 4:15

Sampled Dup @ 4:20

Verified by: [illegible] Date: 1-13-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey, Jason Mize

Date: 1/24/03 Well No.: MW-3A Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
14.93	41.97	sunny 40's	35	30

Disolved Oxygen (mg/L)	Begin Reading:	10.01	Time:	9:45	End Reading:	6.52	Time:	10:35
Redox (mV)	Begin Reading:	944	Time:	9:45	End Reading:	826 ~~826~~	Time:	10:35
Iron (mg/L)	Fe (II):	<.50	Time:	10:45	Fe (Total):	<.50	Time:	10:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:45 a.m.	19.00	53	4.98	>440
9:50	19.17	49	5.05	249
9:55	19.26	49	4.90	153
10:00	19.22	48	4.93	110
10:05	19.26	49	4.92	82.0
10:10	19.30	49	4.91	46.8
10:15	19.34	48	4.81	9.9
10:20	19.33	48	4.80	4.8
10:25	19.45	48	4.82	5.3
10:30	19.44	48	4.83	3.7
10:35	19.50	48	4.81	3.8

Comments: Sampled @ 10:40 a.m.
Sampled TOC

Verified by: [signature] Date: 1-15-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/14/03 Well No.: MW-236C Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
15.86	39		Sunny 50's		33		13	
Disolved Oxygen (mg/L)	Begin Reading:	6.52	Time:	11:50	End Reading:	6.57	Time:	12:20
Redox (mV)	Begin Reading:	714	Time:	11:50	End Reading:	713	Time:	12:20
Iron (mg/L)	Fe (II):	<.50	Time:	12:30	Fe (Total):	<.50	Time:	12:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:50 am	19.40	51	4.76	78.5
11:55	19.26	50	4.79	6.1
12:00 pm	19.35	50	4.77	4.3
12:05	19.06	50	4.76	5.3
12:10	19.27	50	4.76	3.4
12:15	19.27	50	4.76	2.9
12:20	19.30	50	4.77	2.7

Comments: Sampled @ 12:25 pm

Verified by: [signature] Date: 1-15-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Bates, ~~Ben~~ BB Kyle Massey

Date: 1/14/03 Well No.: MW-2A Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
11.64	42.3	Sunny 50 F	35	18

Disolved Oxygen (mg/L)	Begin Reading:	1.57	Time:	1:35	End Reading:	.68	Time:	2:15
Redox (mV)	Begin Reading:	728	Time:	1:35	End Reading:	712	Time:	2:15
Iron (mg/L)	Fe (II):	<.50	Time:	2:25	Fe (Total):	<.50	Time:	2:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:35pm	20.63	56	4.25	98.6
1:40	20.90	56	4.22	66.7
1:45	20.70	56	4.21	28.3
1:50	20.93	56	4.21	~~4~~ 16.0
1:55	20.79	56	4.22	9.9
2:00	20.86	56	4.22	4.4
2:05	20.81	56	4.25	4.0
2:10	20.82	56	4.24	3.9
2:15	20.84	56	4.23	3.5

Comments: Sampled @ 2:20

TOC Sampled

Verified by: KDixon Date: 1-5-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/14/03 Well No.: MW-5A Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
15.98	28.6	sunny 50's	30	18

Disolved Oxygen (mg/L)	Begin Reading:	2.61	Time:	3:20	End Reading:	0.35	Time:	4:20
Redox (mV)	Begin Reading:	605	Time:	3:20	End Reading:	427	Time:	4:20
Iron (mg/L)	Fe (II):	4.05	Time:	4:35	Fe (Total):	4.05	Time:	4:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:20 pm	19.32	51	5.61	>440
3:25	19.32	51	5.55	71.7
3:30	19.19	54	5.58	50.8
3:35	19.27	52	5.57	40.2
3:40	19.28	52	5.56	25.8
3:45	19.26	51	5.56	21.3
3:50	19.25	51	5.56	16.1
3:55	19.28	51	5.56	14.0
4:00	19.23	50	5.56	13.9
4:05	19.22	50	5.56	10.4
4:10	19.19	50	5.56	8.4
4:15	19.18	50	5.56	7.7
4:20	19.15	50	5.56	6.4

Comments: Sampled @ 4:25 Sampled Fe
Sampled Dup @ 4:30

Verified by: [illegible] Date: 1-15-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Mosley

Date: 1/15/03 Well No.: MW-12d Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
20.87	27		Sunny 40s light wind		30		7	
Disolved Oxygen (mg/L)	Begin Reading:	7.21	Time:	9:20	End Reading:	4.28	Time:	10:00
Redox (mV)	Begin Reading:	855	Time:	9:20	End Reading:	765	Time:	10:00
Iron (mg/L)	Fe (II):	<.50	Time:	10:10	Fe (Total):	<.50	Time:	10:15

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:20 am	19.25	101	4.85	182
9:25	20.20	99	4.79	42.0
9:30	20.23	99	4.77	34.4
9:35	20.07	98	4.77	17.3
9:40	20.43	98	4.75	11.9
9:45	20.63	98	4.74	4.1
9:50	20.38	98	4.74	2.7
9:55	20.24	97	4.74	2.5
10:00	20.46	97	4.73	1.7

Comments: Sampled @ 10:05 am

Verified by: [signature] Date: 1-15-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kirk Mosley

Date: 1/15/03 Well No.: MW-222 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
20.80	57.5	Sunny 40s	40	18

Disolved Oxygen (mg/L)	Begin Reading:	5.96	Time:	10:30	End Reading:	7.14	Time:	11:00
Redox (mV)	Begin Reading:	682	Time:	10:30	End Reading:	687	Time:	11:00
Iron (mg/L)	Fe (II):	4.50	Time:	11:10	Fe (Total):	4.50	Time:	11:25 PM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:30 am	20.03	40	5.29	71.1
10:35	20.20	36	5.27	16.1
10:40	20.21	36	5.27	7.6
10:45	20.20	36	5.27	5.1
10:50	20.28	36	5.27	2.6
10:55	20.28	37	5.27	2.2
11:00	20.34	37	5.27	2.3

Comments: Sampled @ 11:05am

Verified by: [signature] Date: 1-15-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/15/03 Well No.: MW-224 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
28.58	54		Sunny 40s		37		27	
Disolved Oxygen (mg/L)	Begin Reading:	6.35	Time:	1:10	End Reading:	6.34	Time:	2:15
Redox (mV)	Begin Reading:	665	Time:	1:10	End Reading:	7.12	Time:	2:15
Iron (mg/L)	Fe (II):	<.50	Time:	2:25	Fe (Total):	<.50	Time:	2:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:10 pm	19.50	57	4.84	107
1:15	20.00	59	4.62	58.3
1:20	19.94	60	4.62	36.0
1:25	19.90	60	4.61	19.2
1:30	20.00	60	4.61	17.~~79~~ 0.08
1:35	19.90	60	4.62	14.~~37~~ 0.08
1:40	20.06	61	4.62	11.9
1:45	20.05	61	4.62	9.8
1:50	20.02	61	4.61	7.1
1:55	20.00	61	4.61	5.0
2:00	20.05	61	4.62	3.5
2:05	20.06	62	4.62	2.4
2:10	20.12	62	4.61	1.8
2:15	20.05	62	4.62	1.6

Comments: Sampled @ 2:20pm

Verified by: [illegible] Date: 1-15-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Mosley

Date: 1/15/03 Well No.: MW-227 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
10.63 ~~14.33~~	27.5	Sunny 40s	~~30~~ 30	20

Disolved Oxygen (mg/L)	Begin Reading:	4.75	Time:	3:00	End Reading:	4.97	Time:	3:40
Redox (mV)	Begin Reading:	675	Time:	3:00	End Reading:	708 ~~7.28~~	Time:	3:40
Iron (mg/L)	Fe (II):	<.50	Time:	3:55	Fe (Total):	<.50	Time:	4:00

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:00 pm	20.89	59	4.64	175
3:05	21.01	59	4.48	39.3
3:10	20.98	59	4.47	11.8
3:15	20.98	59	4.46	6.9
3:20	20.85	59	4.46	3.9
3:25	20.73	59	4.46	2.8
3:30	20.79	59	4.45	1.5
3:35	20.85	59	4.46	1.1
3:40	20.70	59	4.45	1.0

Comments: Sampled @ 3:45 pm

Sampled D/P @ 3:50 pm

Verified by: [illegible] Date: 1-15-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/16/03 Well No.: MW-111 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
40.71	46		Cloudy 45 to 20s		35		10	
Disolved Oxygen (mg/L)	Begin Reading:	6.65	Time:	9:40	End Reading:	5.82	Time:	10:25
Redox (mV)	Begin Reading:	943	Time:	9:40	End Reading:	825	Time:	10:25
Iron (mg/L)	Fe (II):	6.50	Time:	10:35	Fe (Total):	6.50	Time:	10:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:40 a.m.	15.45	87	5.03	170
9:45	18.41	81	4.86	80.0
9:50	18.69	80	4.88	30.1
9:55	18.65	80	4.88	14.5
10:00	18.75	80	4.88	8.7
10:05	18.80	80	4.87	6.3
10:10	18.66	80	4.86	4.5
10:15	18.84	79	4.85	1.6
10:20	18.67	79	4.84	1.2
10:25	18.78	79	4.84	0.4

Comments: Sampled @ 10:30 a.m.

Verified by: [illegible] Date: 1-17-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Mosey

Date: 1/16/03 Well No.: MW-211 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
41.19	81		cloudy low 30's		55		22	
Disolved Oxygen (mg/L)	Begin Reading:	5.60	Time:	10:55	End Reading:	7.24	Time:	11:25
Redox (mV)	Begin Reading:	803	Time:	10:55	End Reading:	785	Time:	11:25
Iron (mg/L)	Fe (II):	<.50	Time:	11:35	Fe (Total):	<.50	Time:	11:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:55 am	18.66	86	4.79	19.2
11:00	18.86	86	4.81	6.4
11:05	18.79	85	4.80	5.2
11:10	18.88	86	4.80	2.5
11:15	18.94	86	4.80	1.1
11:20	18.90	86	4.79	0.0
11:25	18.91	86	4.79	0.0

Comments: Sampled @ 11:30 a.m.

Verified by: Koxon Date: 1-17-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/16/03 Well No.: MW-34 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
39.89	83.5		Cloudy 30's		55		30	
Disolved Oxygen (mg/L)	Begin Reading:	2.58	Time:	12:00	End Reading:	2.63	Time:	12:45
Redox (mV)	Begin Reading:	744	Time:	12:00	End Reading:	719	Time:	12:45
Iron (mg/L)	Fe (II):	<.50	Time:	12:55	Fe (Total):	<.50	Time:	1300

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:00pm	18.97	66	5.20	46.1
12:05	18.98	64	5.16	24.9
12:10	19.00	64	5.15	17.9
12:15	18.92	64	5.14	13.7
12:20	18.95	64	5.15	10.8
12:25	18.79	64	~~5~~ DW3 5.15	7.3
12:30	18.75	64	~~5~~ 7300 5.15	4.4
12:35	18.89	64	5.14	2.4
12:40	18.95	65	5.15	1.7
12:45	18.88	65	5.15	1.3

Comments: Sampled @ 12:50pm

Verified by: Dixon Date: 1-17-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle massey

Date: 1/16/03 Well No.: MW-128 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
21.49	26.5	~~Rain~~ light rain 40's	30	7

Disolved Oxygen (mg/L)	Begin Reading:	5.91	Time:	2:15	End Reading:	5.75	Time:	2:40
Redox (mV)	Begin Reading:	728	Time:	2:15	End Reading:	747	Time:	2:40
Iron (mg/L)	Fe (II):	<.50	Time:	2:50	Fe (Total):	<.50	Time:	2:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:15pm	18.01	63	4.54	23.8
2:20	18.41	62	4.53	17.9
2:25	19.27	62	4.51	14.2
2:30	19.19	62	4.51	5.5
2:35	20.00	62	4.51	1.8
2:40	20.21	62	4.51	0.0

Comments: Sampled @ 2:45pm

Verified by: Dixon Date: 1-17-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Bahney Kyle Massey

Date: 1/16/03 Well No.: MW-228 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
21.63	50.5		cloudy 40s		40		15	
Disolved Oxygen (mg/L)	Begin Reading:	3.94	Time:	3:05	End Reading:	4.74	Time:	3:30
Redox (mV)	Begin Reading:	741	Time:	3:05	End Reading:	719	Time:	3:30
Iron (mg/L)	Fe (II):	<.50	Time:	3:40	Fe (Total):	<.50	Time:	3:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:05pm	18.81	100	4.61	10.8
3:10pm	19.02	101	4.74	9.0
3:15	19.11	101	4.84	4.3
3:20	19.19	100	4.83	3.1
3:25	19.07	100	4.82	1.1
3:30	19.09	101	4.81	0.4

Comments: Sampled @ 3:35pm
Sampled TOC

Verified by: KDixon Date: 1-17-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Mestieg

Date: 1/17/03 Well No.: MW-212 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
28.66	71		Sunny 30's		53		30	
Disolved Oxygen (mg/L)	Begin Reading:	7.12	Time:	10:35	End Reading:	7.10	Time:	11:15
Redox (mV)	Begin Reading:	916	Time:	10:35	End Reading:	838	Time:	11:15
Iron (mg/L)	Fe (II):	<.50	Time:	11:25	Fe (Total):	<.50	Time:	11:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:35 a.m.	19.61	48	5.19	62.2
10:40	19.80	46	5.08	27.7
10:45	19.72	46	5.05	19.4
10:50	18.97	47	5.07	13.3
10:55	19.19	47	5.07	10.8
11:00	18.91	47	5.07	10.2
11:05	18.97	48	5.07	9.6
11:10	19.23	48	5.07	9.5
11:15	18.91	48	5.06	9.7

Comments: Sampled @ 11:20 pm

Verified by: [illegible] Date: 1-18-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Mabry

Date: 1/17/03 Well No.: MW-230 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
21.88	51.5	sunny 40's	39	25

Disolved Oxygen (mg/L)	Begin Reading:	6.67	Time:	1:15	End Reading:	7.57	Time: 1:40
Redox (mV)	Begin Reading:	723	Time:	1:15	End Reading:	741	Time: 1:40
Iron (mg/L)	Fe (II):	<.50	Time:	1:50	Fe (Total):	<.50	Time: 1:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:15 pm	19.23	115	4.97	30.2
1:20	19.34	104	4.81	12.7
1:25	19.57	102	4.85	8.4
1:30	19.56	102	4.86	5.4
1:35	19.55	102	4.86	3.6
1:40	19.59	102	4.86	3.1

Comments: Sampled @ 1:45pm

Sampled TOC

Verified by: [illegible] Date: 1-18-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/17/03 Well No.: MW-130 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
20.01	28		Sunny 40s		38		8	
Disolved Oxygen (mg/L)	Begin Reading:	6.51	Time:	2:10	End Reading:	6.56	Time:	2:40
Redox (mV)	Begin Reading:	733	Time:	2:10	End Reading:	732	Time:	2:40
Iron (mg/L)	Fe (II):	<.50	Time:	2:50	Fe (Total):	<.50	Time:	2:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:10 pm	17.68	63	~~6.44~~ 4.72	60.2
2:15	18.54	63	4.67	26.1
2:20	18.51	64	4.68	12.4
2:25	18.46	66	4.68	5.9
2:30	18.73	67	4.68	2.9
2:35	18.55	68	4.68	1.1
2:40	18.81	69	4.68	0.4

Comments: Sampled @ 2:45 pm
Sampled for TOC

Verified by: Dixon Date: 1-18-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Messer

Date: 1/17/03 Well No.: MW-130 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
20.01	28		Sunny 40's		38		8	
Disolved Oxygen (mg/L)	Begin Reading:	6.51	Time:	2:10	End Reading:	6.56	Time:	2:40
Redox (mV)	Begin Reading:	733	Time:	2:10	End Reading:	732	Time:	2:40
Iron (mg/L)	Fe (II):	<.50	Time:	2:50	Fe (Total):	<.50	Time:	2:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:10 pm	17.68	63	~~6.44~~ 4.72	60.2
2:15	18.54	63	4.67	26.1
2:20	18.51	64	4.68	12.4
2:25	18.46	66	4.68	5.9
2:30	18.73	67	4.68	2.9
2:35	18.55	68	4.68	1.1
2:40	18.81	69	4.68	0.4

Comments: Sampled @ 2:45 pm
Sampled TOC

Verified by: Dixon Date: 1-18-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/20/03 Well No.: CMT1-1 Sampling Method: ~~Bladder Pump~~ Peristaltic pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
24.96	43.4	partly cloudy 50's	N/A	7.5

Disolved Oxygen (mg/L)	Begin Reading:	3.37	Time:	11:20	End Reading:	4.14	Time:	4:34
Redox (mV)	Begin Reading:	724	Time:	11:20	End Reading:	472	Time:	4:34
Iron (mg/L)	Fe (II):	5.25	Time:	4:40	Fe (Total):	5.25	Time:	4:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:20	18.00	405	6.45	13.1
11:30	18.03	583	6.60	9.8
11:41	18.24	599	6.60	8.8
11:53	18.56	591	6.62	8.9
12:03	19.17	586	6.66	11.7
12:13	19.65	574	6.61	9.5
12:23	19.71	560	6.63	8.3
12:34	19.55	542	6.64	9.2
12:45	19.42	528	6.66	4.5
12:55	19.62	512	6.64	4.9
~~12~~ 1:07	19.99	500	6.62	3.0
1:18	19.51	483	6.63	2.9
1:28	19.40	473	6.64	2.7
1:38	19.05	461	6.63	2.4
1:49	19.41	451	6.62	2.7
2:00	19.34	441	6.58	2.0
2:12	18.94	433	6.59	2.9
2:24	19.30	423	6.61	2.3

Comments: Continued on pg. 42

Verified by: Dixon Date: 1-21-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/20/03 Well No.: CMT 1-2 Sampling Method: ~~Bladder Pump~~ peristaltic pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
24.96	39.6	partly cloudy 55°F	N/A	5.25

Disolved Oxygen (mg/L)	Begin Reading:	6.18	Time:	11:25	End Reading:	4.34	Time:	4:24
Redox (mV)	Begin Reading:	613	Time:	11:25	End Reading:	462	Time:	4:24
Iron (mg/L)	Fe (II):	7.75	Time:	4:30	Fe (Total):	8.00	Time:	4:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:25	17.74	962	6.77	23.1
11:38	18.23	718	6.56	13.2
11:54	18.46	603	6.55	12.2
12:09	19.21	550	6.59	8.9
12:23	19.40	526	6.49	8.2
12:38	19.23	501	6.52	8.6
12:52	19.21	481	6.53	4.2
1:09	19.83	463	6.49	2.6
1:24	19.46	452	6.48	2.2
1:37	18.84	444	6.45	2.4
1:52	19.68	431	6.38	2.4
2:08	19.38	428	6.47	2.6
~~2:12~~ 2:21	19.29	424	6.46	2.3
2:37	19.08	422	6.45	2.0
2:53	19.05	418	6.38	2.7
3:08	19.06	415	6.38	2.2
3:23	19.09	411	6.32	2.4
3:38	18.73	407	6.36	2.9

Comments: Continued on pg. 43

Verified by: [illegible] Date: 1-21-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Mosley

Date: 1/20/03 Well No.: CMT 1-1 Sampling Method: ~~Bladder Pump~~ peristaltic pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
24.96	43.4	mostly cloudy 60's	N/A	7.5

Disolved Oxygen (mg/L)	Begin Reading:	3.37	Time:	11:20	End Reading:	4.14	Time:	4:34
Redox (mV)	Begin Reading:	724	Time:	11:20	End Reading:	472	Time:	4:34
Iron (mg/L)	Fe (II):	5.25	Time:	4:40	Fe (Total):	5.25	Time:	4:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:34	19.33	416	6.60	2.4
2:45	19.05	410	6.59	3.4
2:56	19.08	403	6.57	2.3
3:06	18.78	398	6.60	2.5
3:18	19.18	394	6.54	3.7
3:29	19.12	388	6.57	2.6
3:40	18.88	384	6.56	2.5
3:51	19.04	379	6.60	2.7
4:01	19.01	375	6.54	3.0
4:12	18.84	371	6.59	2.2
4:23	18.97	369	6.54	3.1
4:34	18.58	365	6.56	2.9
Fe II 1st reading = average			Total Fe = 1.05	
20mL to 100mL = 1.05				

Comments: Sampled @ 4:35pm

Verified by: Dixon Date: 1-21-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/20/03 Well No.: CMT 1-2 Sampling Method: ~~Bladder Pump~~ peristaltic pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
24.96	39.6		partly cloudy 60's		N/A		5.25	
Disolved Oxygen (mg/L)	Begin Reading:	(3/03) 6.18 ~~4.34~~	Time:	11:25	End Reading:	4.34	Time:	4:24
Redox (mV)	Begin Reading:	613	Time:	11:25	End Reading:	462	Time:	4:24
Iron (mg/L)	Fe (II):	7.75	Time:	4:30	Fe (Total):	8.00	Time:	4:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:53	19.09	404	6.33	3.1
4:08	18.50	400	6.40	6.9
4:24	18.64	396	6.38	2.4
Fe II	1st reading out of range		Total Fe	
"	10mL to 100mL = .90		20mL to 100mL = 1.60	
	20mL to 100mL = 1.55			

Comments: Sampled @ 4:25pm

Verified by: Dixon Date: 1-21-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Mosley

Date: 1/21/03 Well No.: CMT 1-3 Sampling Method: ~~Bladder Pump~~ Peristaltic pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
24.97	35.6	Cloudy 60's	N/A	3

Disolved Oxygen (mg/L)	Begin Reading:	3.13	Time:	10:38	End Reading:	2.62	Time:	12:40
Redox (mV)	Begin Reading:	44	Time:	10:38	End Reading:	75.9	Time:	12:40
Iron (mg/L)	Fe (II):	6.00	Time:	12:50	Fe (Total):	6.00	Time:	12:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:38 a.m.	19.13	634	6.74	35.7
10:50	19.29	493	6.71	23.2
11:01	19.51	419	6.62	13.0
11:11	19.53	380	6.55	8.9
11:22	19.90	356	6.49	4.9
11:32	19.74	335	6.48	3.6
11:43	19.65	322	6.42	3.4
11:54	19.71	312	6.42	3.0
12:06 pm	19.79	307	6.39	2.5
12:15	19.48	300	6.38	2.9
12:26	19.59	300	6.38	2.9
12:40	19.73	301	6.39	3.2

Comments: Fe (II) First reading = 6.2ppm Fe Total = 1.20 (20 to 100)

Fe (II) 20mL to 100mL = 1.20 ppm Sampled @ 12:45pm

Verified by: [signature] Date: 1-21-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker

Date: 1/21/03 Well No.: CMT 1-4 Sampling Method: ~~Bladder~~ Pump peristaltic

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
24.95	31.9	Cloudy 60's	N/A	

Disolved Oxygen (mg/L)	Begin Reading:		Time:		End Reading:		Time:	
Redox (mV)	Begin Reading:		Time:		End Reading:		Time:	
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)

Comments: Well Dry @ less than ½ gt.

Verified by: [signature] Date: 1-21-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Messer

Date: 1/21/03 Well No.: CMT 1-5 Sampling Method: ~~Bladder~~ Pump peristaltic

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
24.97	29.5	cloudy 60's	N/A	4.25

Disolved Oxygen (mg/L)	Begin Reading:	2.57	Time:	10:42	End Reading:	3.96	Time:	12:16
Redox (mV)	Begin Reading:	33.2	Time:	10:42	End Reading:	186.6	Time:	12:16
Iron (mg/L)	Fe (II):	5.75	Time:	12:25	Fe (Total):	6.00	Time:	12:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:42	19.72	366	6.52	15.5
10:48	20.00	273	6.38	12.3
10:53	19.98	248	6.29	9.6
10:59	20.17	223	6.20	7.5
11:04	20.03	221	6.16	6.8
11:10	20.30	201	6.10	4.7
11:15	20.33	203	6.10	4.2
11:21	20.44	188	6.02	3.3
11:27	20.57	190	6.02	3.7
11:34	20.46	182	6.02	3.4
11:40	20.33	174	6.00	2.7
11:46	20.26	175	6.02	3.1
11:52	20.23	168	5.99	2.3
11:58	20.39	172	6.01	2.8
12:04	20.40	164	5.96	1.8
12:10	20.13	172	5.99	1.8
12:16	20.10	165	5.96	1.8

Comments: Fe II 1st reading = 6.10 ppm 20 to 100 mL T. Fe = 1.20

20 mL to 100 mL = 1.15 ppm Sampled @ 12:20 pm

Verified by: [illegible] Date: 1-22-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Weber, Kyle Mosley

Date: 1/21/03 Well No.: CMT 1-6 Sampling Method: ~~Bladder~~ Pump per STS102

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
24.98	47.7	cloudy 60's	N/A	1.75

Disolved Oxygen (mg/L)	Begin Reading:	2.12	Time:	1115	End Reading:	2.59	Time: 2:20
Redox (mV)	Begin Reading:	117.5	Time:	1:15	End Reading:	92	Time: 2:20
Iron (mg/L)	Fe (II):	7.50	Time:	2:30	Fe (Total):	7.50	Time: 2:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:15pm	20.08	319	6.20	2.1
1:25	19.72	272	6.18	2.0
1:35	19.58	263	6.15	2.0
1:46	19.46	261	6.22	2.0
1:58	19.55	268	6.26	1.7
2:09	19.68	271	6.28	1.5
2:20	19.93	275	6.30	1.6

Comments: FeII 1st reading = overrange 20mL to 100mL Total Fe = 1.50

FeII 20mL to 100mL = 1.50 Sampled @ 2:25pm

Verified by: KDixon Date: 1-22-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Kyle Massey

Date: 1/21/03 Well No.: CMT1-7 Sampling Method: ~~Bladder~~ Pump peristaltic

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
24.95	51.5	Cloudy 60's	N/A	1.75

Disolved Oxygen (mg/L)	Begin Reading:	1.80	Time:	1:11	End Reading:	1.94	Time:	1:36
Redox (mV)	Begin Reading:	94.6	Time:	1:11	End Reading:	274.6	Time:	1:36
Iron (mg/L)	Fe (II):	<.50	Time:	1:45	Fe (Total):	<.50	Time:	1:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:11 pm	20.56	192	6.22	8.3
1:14	20.26	144	5.60	4.9
1:18	20.06	140	5.88	2.9
1:22	19.90	132	5.74	2.5
1:26	19.88	137	5.83	2.2
1:30	19.82	131	5.70	2.1
1:36	19.77	136	5.77	2.0

Comments: Sampled @ 1:40 pm

Verified by: [illegible] Date: 1-22-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker

Date: 1/21/03 Well No.: CMT 3-2 Sampling Method: ~~Bladder~~ Pump peristaltic

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
30.36	33	Cloudy, 60's	NA	—

Disolved Oxygen (mg/L)	Begin Reading:		Time:		End Reading:		Time:	
Redox (mV)	Begin Reading:		Time:		End Reading:		Time:	
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
Sampled	on	1/22/03		

Comments: Well Dry after only a few drops

1/22/03 SOB * Tubing wasn't far enough down the well - See pg. 52

Verified by: Date:

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker

Date: 1/21/03 Well No.: CMT 3-3 Sampling Method: ~~Bladder~~ Pump peristaltic

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
30.37	38	cloudy 60's	N/A	.75

Disolved Oxygen (mg/L)	Begin Reading:	3.21	Time:	3:49	End Reading:		Time:	
Redox (mV)	Begin Reading:	158.9	Time:	3:49	End Reading:		Time:	
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:49 pm	20.72	275	5.97	4.4
4:02	20.38	261	5.88	9.1
4:17	20.14	243	5.78	4.3

Comments: Finished sampling well on 1/22/03 – See pg. 53.

Verified by: Date:

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker

Date: 1/21/03 Well No.: CMT 3-4 Sampling Method: ~~Bladder~~ Pump peristaltic

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
30.36	43	Cloudy 60's	N/A	.75

Disolved Oxygen (mg/L)	Begin Reading:	3.61	Time:	3:56	End Reading:		Time:
Redox (mV)	Begin Reading:	270	Time:	3:56	End Reading:		Time:
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:56	20.40	181	6.27	16.3
4:11	20.21	196	6.21	11.9
4:24	19.94	189	6.16	9.8

Comments: Finished sampling well on 1/22/03. See pg. 54.

Verified by: Date:

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker

Date: 1/22/03 Well No.: CMT 3-2 Sampling Method: ~~Bladder~~ Pump peristaltic

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
30.36	33	cloudy 40s	N/A	4.5

Disolved Oxygen (mg/L)	Begin Reading:	4.68	Time:	10:57	End Reading:	6.27	Time:	4:01
Redox (mV)	Begin Reading:	597	Time:	10:57	End Reading:	558	Time:	4:01
Iron (mg/L)	Fe (II):	2.50	Time:	4:10	Fe (Total):	2.50	Time:	4:15

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:57	15.70	212	6.47	175
11:09	16.65	180	6.07	134
11:25	17.03	175	5.91	75.0
11:39	16.72	172	5.91	17.2
11:53	16.51	168	5.86	8.5
12:10	16.67	163	5.84	12.9
12:27	16.13	160	~~6.18~~ 5.92	21.9
12:57	15.67	160	6.04	62
1:15	15.77	139	6.00	79.3
1:32	15.94	140	5.86	48.8
1:49	16.23	140	5.94	29.0
2:06	16.10	142	5.91	21.1
2:24	~~16.~~ 15.95	141	5.85	19.0
2:41	16.22	140	5.87	18.3
3:00	15.98	137	5.84	18.8
3:23	16.27	136	5.87	14.6
3:43	16.32	134	5.84	13.0
4:01	16.08	133	5.85	10.3

Comments: Sampled @ 4:05pm

Verified by: [signature] Date: 1-22-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker

Date: 1/22/03 Well No.: CMT 3-3 Sampling Method: ~~Bladder~~ Pump peristaltic

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
30.37	38	Cloudy 40s	N/A	1.25

Disolved Oxygen (mg/L)	Begin Reading:	5.79	Time:	11:00	End Reading:	5.64	Time:	12:04
Redox (mV)	Begin Reading:	593	Time:	11:00	End Reading:	554	Time:	12:04
Iron (mg/L)	Fe (II):	<.50	Time:	12:10	Fe (Total):	<.50	Time:	12:15

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:00 am	16.56	207	6.12	11.1
11:16	16.64	197	5.86	7.4
11:32	17.35	190	5.82	5.4
11:47	17.56	189	5.82	5.2
12:04 pm	17.16	189	5.82	5.3

Comments: Sampled @ 12:05 pm

Verified by: [illegible] Date: 1-23-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker

Date: 1/22/03 Well No.: CMT3-4 Sampling Method: ~~Bladder Pump~~ Peristaltic

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
30.36	43	Cloudy 40s	N/A	2.25

Disolved Oxygen (mg/L)	Begin Reading:	5.29	Time:	12:54	End Reading:	5.61	Time:	3:53
Redox (mV)	Begin Reading:	536	Time:	12:54	End Reading:	549	Time:	3:53
Iron (mg/L)	Fe (II):	<.50	Time:	4:00	Fe (Total):	<.50	Time:	4:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:54pm	16.74	182	6.23	18.1
1:13	16.29	168	6.15	17.3
1:33	16.39	160	6.10	12.5
1:54	16.18	154	6.09	10.7
2:16	16.18	148	6.06	11.0
2:39	16.17	144	6.03	8.6
3:05	16.35	140	5.98	8.3
3:30	16.21	135	6.02	8.1
3:53	16.44	136	6.04	7.9

Comments: Sampled @ 3:55pm

Verified by: KDixon Date: 1-23-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Reggie E. Robinson

Date: 1/23/03 Well No.: CMT 3-5 Sampling Method: ~~Bladder~~ Pump peristaltic

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
~~48~~ 30.38	48	sunny 20's	N/A	2

Disolved Oxygen (mg/L)	Begin Reading:	5.39	Time:	9:54	End Reading:	6.26	Time:	1:11
Redox (mV)	Begin Reading:	470	Time:	9:54	End Reading:	424	Time:	1:11
Iron (mg/L)	Fe (II):	<.50	Time:	1:20	Fe (Total):	<.50	Time:	1:25

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:54 a.m.	6.54	146	6.70	4.1
10:17	6.47	150	6.97	3.8
10:40	7.53	150	7.35	3.6
11:06	8.39	147	7.80	3.2
11:30	9.43	147	7.77	3.7
11:54	10.38	144	7.94	4.3
12:23 pm	11.59	145	7.83	4.9
1:11	11.60	147	7.89	5.2

Comments: Sampled @ 1:15pm

Verified by: RDixon Date: 1-24-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Reggie Robinson

Date: 1/23/03 Well No.: CMT 3-6 Sampling Method: ~~Bladder~~ Pump peristaltic

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
30.41	53	Sunny 20s	N/A	2.5

Disolved Oxygen (mg/L)	Begin Reading:	3.46	Time:	9:39	End Reading:	5.06	Time:	11:27
Redox (mV)	Begin Reading:	477	Time:	9:39	End Reading:	444	Time:	11:27
Iron (mg/L)	Fe (II):	<.50	Time:	11:35	Fe (Total):	<.50	Time:	11:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:39 a.m.	10.15	227	6.47	2.8
9:51	10.19	213	6.36	2.0
10:03	10.17	203	6.25	1.8
10:13	10.33	196	6.14	1.5
10:25	10.16	195	6.12	2.5
10:38	10:43	191	6.11	2.1
10:49	10.42	190	6.08	2.1
11:04	11.86	192	6.03	2.1
11:17	12.57	189	6.08	2.0
11:27	12.12	190	6.07	2.0

Comments: Sampled @ 11:30 a.m.

Verified by: Dixon Date: 1-24-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker

Date: 1/23/03 Well No.: CMT 3-7 Sampling Method: ~~Bladder~~ Pump peristaltic

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
30.17	58.8	Sunny 80's	N/A	2.25

Disolved Oxygen (mg/L)	Begin Reading:	3.95	Time:	12:53	End Reading:	4.73	Time: 2:44
Redox (mV)	Begin Reading:	421	Time:	12:53	End Reading:	468	Time: 2:44
Iron (mg/L)	Fe (II):	<.50	Time:	2:50	Fe (Total):	<.50	Time: 2:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:53	15.12	212	6.73	129
1:05	14.75	213	6.78	38.8
1:18	15.00	204	6.52	~~16.3~~ 303 9.4
1:31	14.67	204	6.54	~~9.4~~ 173 21.2
1:46	14.54	202	6.42	20.5
1:59	12.57	208	6.40	13.7
2:13	13.59	208	6.35	8.4
2:26	12.30	209	6.38	6.9
2:44	12.61	205	6.37	7.3

Comments: Sampled @ 2:45pm

*Water level meter was malfunctioning. 30.17 was the best obtainable water level.

Verified by: KDixon Date: 1-24-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker

Date: 1/21/03 Well No.: CMT 3-1 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
—				

Disolved Oxygen (mg/L)	Begin Reading:		Time:		End Reading:		Time:	
Redox (mV)	Begin Reading:		Time:		End Reading:		Time:	
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)

Comments: Well Dry

Verified by: [illegible] Date: 1-23-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel:

Date: Well No.: Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):

Disolved Oxygen (mg/L)	Begin Reading:		Time:		End Reading:		Time:	
Redox (mV)	Begin Reading:		Time:		End Reading:		Time:	
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)

VOID

Comments:

Verified by: Date:

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Matt Morris

Date: 2/5/03 Well No.: MW-138A Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
28.61	39.0		Sunny 50's		37		9	
Disolved Oxygen (mg/L)	Begin Reading:	1.89	Time:	11:45	End Reading:	2.23	Time:	12:25
Redox (mV)	Begin Reading:	595	Time:	11:45	End Reading:	617	Time:	12:25
Iron (mg/L)	Fe (II):	<.50	Time:	12:35	Fe (Total):	<.50	Time:	12:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:45am	19.11	91	5.10	28.6
11:50	19.48	92	4.71	15.5
11:55	19.54	92	4.74	9.7
12:00pm	19.23	91	4.72	14.2
12:05	19.39	91	4.74	5.8
12:10	19.37	91	4.76	3.3
12:15	19.41	91	4.74	2.3
12:20	19.40	91	4.72	1.4
12:25	19.24	91	4.74	2.0

Comments: Sampled @ 12:30pm

Sampled Diffusion Bag @ 10:55am

Verified by: [illegible] Date: 2-10-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Bauer, Matt Morris

Date: 2/5/03 Well No.: MW-238B Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
28.30	49		partly cloudy 50's		42		77.5	
Disolved Oxygen (mg/L)	Begin Reading:	1.57	Time:	1:05	End Reading:	4.91	Time:	4:05
Redox (mV)	Begin Reading:	571	Time:	1:05	End Reading:	583	Time:	4:05
Iron (mg/L)	Fe (II):	<.50	Time:	4:15	Fe (Total):	<.50	Time:	4:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:05 pm	19.57	132	5.94	>440
1:10	19.16	125	6.37	>440
1:15	19.79	140	6.11	>440
1:20	19.91	225	5.84	>440
1:25	19.81	252	5.74	>440
1:30	19.81	228	5.60	379
1:35	19.91	212	5.54	313
1:40	19.81	202	5.46	275
1:45	19.93	191	5.43	235
1:50	19.90	181	5.41	209
1:55	19.89	174	5.37	178
2:00	19.90	171	5.36	175
2:05	19.98	166	5.32	164
2:10	19.88	161	5.30	147
2:15	19.91	158	5.29	139
2:20	19.83	152	5.25	134
2:25	19.95	151	5.28	125
2:30	19.94	148	5.27	119

Comments: Continued on pg 62

Verified by: Date:

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad J. Baker

Date: 2/5/03 Well No.: MW-23BB Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
28.30	49		partly cloudy 50's		42		77.5	
Disolved Oxygen (mg/L)	Begin Reading:		Time:		End Reading:	4.01	Time:	4:05
Redox (mV)	Begin Reading:		Time:		End Reading:	583	Time:	4:05
Iron (mg/L)	Fe (II):	<.50	Time:	4:15	Fe (Total):	<.50	Time:	4:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:35	19.93	144	5.23	113
2:40	19.97	142	5.23	110
2:45	19.96	140	5.21	107
2:55	19.56	132	5.14	94.3
3:05	19.57	137	5.17	115
3:15	19.75	139	5.22	127
3:25	19.86	135	5.18	103
3:35	19.80	130	5.15	95.5
3:45	19.73	128	5.16	92.9
3:55	19.77	126	5.15	89.1
4:05	19.73	123	5.14	90.2

Comments: Sampled @ 4:10pm

Sampled Diffusion Bag @ 11:05am

Verified by: Dixon Date: 2-10-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baber, Matt Morris

Date: 2/7/03 Well No.: MW-342 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
21.85	86.5	Cloudy 50's	70	42.5

Disolved Oxygen (mg/L)	Begin Reading:	2.27	Time:	10:25	End Reading:	.71	Time:	1:15
Redox (mV)	Begin Reading:	317	Time:	10:25	End Reading:	233	Time:	1:15
Iron (mg/L)	Fe (II):	<.50	Time:	1:25	Fe (Total):	<.50	Time:	1:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:25am	18.91	238	9.08	135
10:35	19.74	201	9.26	140
10:45	19.42	183	9.03	107
10:55	19.17	171	8.31	129
11:05	18.58	166	7.61	102
11:15	18.70	162	7.26	71.7
11:25	18.67	170	7.53	41.1
11:35	18.35	173	7.67	28.7
11:45	18.69	174	7.76	21.8
11:55	18.41	173	7.68	15.0
12:05	18.57	173	7.59	14.8
12:15	18.37	169	7.50	10.3
12:25	18.93	170	7.46	9.8
12:35	19.05	168	7.36	9.3
12:45	18.90	168	7.26	8.9
12:55	18.80	166	7.20	6.2
1:05	18.86	165	7.14	6.0
1:15	18.69	163	7.11	5.8

Comments: Sample @ 1:20pm

Verified by: [signature] Date: 2-10-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Bates

Date: 2/7/03 Well No.: MW-341 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
37.20	55		Cloudy 53°F		40		1.5	
Disolved Oxygen (mg/L)	Begin Reading:	2.29	Time:	2:55	End Reading:	4.96	Time:	3:15
Redox (mV)	Begin Reading:	276	Time:	2:55	End Reading:	237	Time:	3:15
Iron (mg/L)	Fe (II):	NS*	Time:	—	Fe (Total):	NS*	Time:	—

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:55 pm	9.52	293	10.06	39.7
3:00	9.18	330	10.31	271
3:05	13.59	341	10.29	372
3:10	13.83	339	10.29	412
3:15	13.84	333	10.30	421

Comments: Sampled @ 3:20

*Unable to read Fe because of high Turbidity.

Verified by: [illegible] Date: 2-10-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson Matt Morris

Date: 02/07/03 Well No.: MW 339 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
67.40	109		Cloudy, Low 40's		60		20	
Disolved Oxygen (mg/L)	Begin Reading:	5.10	Time:	10:40	End Reading:	3.32	Time:	13:15
Redox (mV)	Begin Reading:	273.1	Time:	10:40	End Reading:	345.7	Time:	13:15
Iron (mg/L)	Fe (II):	<.50	Time:	14:35	Fe (Total):	<.50	Time:	14:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:40 AM	16.77	307	10.64	633
10:50	16.79	248	10.05	309
11:00	16.52	229	9.89	229
11:10	16.85	222	9.70	155
11:20	17.71	213	9.63	116
11:30	18.10	214	9.58	82.2
11:35	18.25	214	9.56	75.0
11:40	18.27	214	9.10	63.3
11:45	18.35	214	9.44	50.1
11:50	18.09	213	9.46	49.7
11:55	18.24	209	9.36	46.5
12:00	17.85	207	9.40	42.7
12:05	16.50	203	9.41	53.5
12:10	18.15	203	9.30	52.3
12:15	17.55	200	9.17	47.1
12:20	17.31	190	9.05	47.9
12:25	16.56	190	9.00	47.3
12:30	18.15	193	9.06	40.3

P. 1 of 2

Comments: Five minute intervals after Turbidity drop Below 100's

Verified by: K Dixon Date: 2-10-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson Matt Morris

Date: 02/07/03 Well No.: MW 339 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
67.40	109		Cloudy Low 40s		60		20	
Disolved Oxygen (mg/L)	Begin Reading:	570	Time:	10:40	End Reading:	3.32	Time:	13:15
Redox (mV)	Begin Reading:	2731	Time:	10:40	End Reading:	345.7	Time:	13:15
Iron (mg/L)	Fe (II):	<.50	Time:	14:35	Fe (Total):	<.50	Time:	14:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:35	18.15	189	8.94	39.0
12:40	17.89	192	9.09	37.3
12:45	17.47	196	9.28	36.5
12:50	16.82	192	9.22	28.9
12:55	16.70	192	9.22	28.3
13:00	16.98	190	9.05	28.0
13:05	16.90	190	9.00	28.5
13:10	16.99	190	9.05	29.0
13:15	16.89	191	9.00	29.8

Comments: Sampled @ 1430 well went dry - waited until recharged and sampled

Verified by: [illegible] Date: 2-10-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson Matt Morris

Date: 02/07/03 Well No.: MW 340 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
24.72	91.5		Cloudy Low 40's		60		35	
Disolved Oxygen (mg/L)	Begin Reading:	184	Time:	15:45	End Reading:	284	Time:	17:15
Redox (mV)	Begin Reading:	-257	Time:	15:45	End Reading:	312.7	Time:	17:15
Iron (mg/L)	Fe (II):	NS*	Time:	—	Fe (Total):	NS*	Time:	—

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
15:45	18.33	216	9.43	440
15:55	17.90	158	7.33	440
16:05	17.81	148	7.10	440
16:15	17.93	143	7.01	440
16:25	17.86	156	6.99	440
16:35	18.96	187	6.93	440
16:45	19.06	158	6.83	357
16:55	19.11	147	6.78	345
17:00	19.11	142	6.74	245
17:05	19.19	140	6.70	180
17:10	19.00	143	6.72	153
17:15	18.91	143	6.72	200

Comments: Sampled @ 17:16

* Iron (mg/L) water too turbid to read

Verified by: Dixon Date: 2-10-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker

Date: 2/17/03 Well No.: MW-113 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
11.87	20.5	Cloudy 40's	35	21

Disolved Oxygen (mg/L)	Begin Reading:	4.41	Time:	12:25	End Reading:	3.49	Time:	1:35
Redox (mV)	Begin Reading:	931	Time:	12:25	End Reading:	822	Time:	1:35
Iron (mg/L)	Fe (II):	<.50	Time:	1:45	Fe (Total):	<.50	Time:	1150

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:25pm	17.65	46	4.09	208
12:30	17.96	46	4.04	131
12:35	18.05	47	4.06	121
12:40	18.11	44	4.03	62.2
12:45	18.14	43	4.05	40.4
12:50	18.17	44	4.03	22.5
12:55	18.14	44	4.02	16.9
1:00	18.23	44	4.04	12.2
1:05	18.23	43	4.05	8.2
1:10	18.17	44	4.05	5.0
1:15	18.19	44	4.03	3.4
1:20	18.16	43	4.05	2.5
1:25	18.18	44	4.07	4.0
1:30	18.29	42	4.06	2.4
1:35	18.18	43	4.08	3.1

Comments: Sampled @ 1:40 pm

Verified by: Dixon Date: 2-21-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker

Date: 2/17/03 Well No.: mw-213 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
12.07	36		Cloudy 40's		35		23	
Disolved Oxygen (mg/L)	Begin Reading:	4.04	Time:	2:40	End Reading:	3.14	Time:	3:55
Redox (mV)	Begin Reading:	728	Time:	2:40	End Reading:	731	Time:	3:55
Iron (mg/L)	Fe (II):	<.50	Time:	4:05	Fe (Total):	<.50	Time:	4:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:40pm	17.17	68	4.86	50.6
2:45	19.05	62	4.36	26.3
2:50	19.18	60	4.33	21.4
2:55	19.13	60	4.30	16.1
3:00	19.10	61	4.25	11.0
3:05	19.18	61	4.26	8.6
3:10	19.30	61	4.26	6.2
3:15	19.16	61	4.26	4.8
3:20	19.27	62	4.26	3.5
3:25	19.30	61	4.26	2.8
3:30	19.03	61	4.25	2.2
3:35	19.16	61	4.23	1.9
3:40	19.07	61	4.26	1.5
3:45	19.16	60	4.26	1.0
3:50	19.09	60	4.28	1.0
3:55	19.15	61	4.26	1.0

Comments: Sampled 4:00pm

Sampled Diffusion Bag 3:55pm

Verified by: [illegible] Date: 2-21-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Matt Morris

Date: 2/18/03 Well No.: MW-105 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
~~3.73~~ 2.21	27		Cloudy 40's		35		11	
Disolved Oxygen (mg/L)	Begin Reading:	5.27	Time:	10:30	End Reading:	4.16	Time:	11:05
Redox (mV)	Begin Reading:	856	Time:	10:30	End Reading:	755	Time:	11:05
Iron (mg/L)	Fe (II):	2.50	Time:	11:15	Fe (Total):	2.50	Time:	11:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:30	18.07	74	5.01	101
10:35	19.31	76	4.68	13.3
10:40	19.34	76	4.67	6.7
10:45	19.46	76	4.69	3.3
10:50	19.08	76	4.66	1.6
10:55	19.19	75	4.67	1.4
11:00	19.06	75	4.66	0.9
11:05	19.02	75	4.67	0.9

Comments: Sampled @ 11:10 AM

Sampled Diffusion Bag @ 10:15 am

Verified by: [illegible] Date: 2-21-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Matt Morris

Date: 2/18/03 Well No.: MW-205 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
22.64	56		Cloudy 40s		40		19	
Disolved Oxygen (mg/L)	Begin Reading:	7.44	Time:	11:45	End Reading:	7.65	Time:	12:30
Redox (mV)	Begin Reading:	717	Time:	11:45	End Reading:	704	Time:	12:30
Iron (mg/L)	Fe (II):	<.50	Time:	12:40	Fe (Total):	<.50	Time:	12:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:45 am	19.16	43	4.79	2.3
11:50	19.73	39	4.51	5.5
11:55	19.84	40	4.51	4.2
12:00	19.87	41	4.50	3.9
12:05	19.92	41	4.45	3.2
12:10	19.99	40	4.48	2.0
12:15	20.01	40	4.45	1.8
12:20	20.03	41	4.48	1.4
12:25	20.05	40	4.48	1.3
12:30	19.92	40	4.45	1.4

Comments: Sampled @ 12:35pm

Verified by: [illegible] Date: 2-21-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Matt Morris

Date: 2/18/03 Well No.: MW-341 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
26.15	55		sunny 50's		40		3.0	
Disolved Oxygen (mg/L)	Begin Reading:	5.54	Time:	3:35	End Reading:	7.57	Time:	4:35
Redox (mV)	Begin Reading:	460	Time:	3:35	End Reading:	392	Time:	4:35
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:35pm	13.76	252	9.69	>440
3:45	14.96	293	10.03	>440
3:55	15.07	266	9.92	429
4:05	15.08	246	9.83	282
4:15	15.44	236	9.74	253
4:25	15.14	230	9.72	254
4:35	14.60	227	9.71	276

Comments: The pump was left in the well overnight and the well was sampled on 2/18/03.

Verified by: KDixon Date: 2-2-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker, Matt Morris

Date: 2/19/03 Well No.: MW-341 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
35.6	55	Sunny 50's	40	2

Disolved Oxygen (mg/L)	Begin Reading:	8.71	Time:	10:30	End Reading:	8.51	Time:	12:50
Redox (mV)	Begin Reading:	422	Time:	10:30	End Reading:	389	Time:	12:50
Iron (mg/L)	Fe (II):	2.50	Time:	1:05	Fe (Total):	2.50	Time:	1:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:30 am	13.59	214	9.58	263
10:40	14.82	218	9.72	240
10:50	16.39	235	9.70	420
11:00	17.09	275	9.64	264
11:10	16.93	234	9.63	254
11:20	16.48	232	9.62	283
11:30	16.62	230	9.62	264
11:40	17.27	231	9.63	236
11:50	17.00	226	9.62	177
12:00 pm	16.74	225	9.63	170
12:10	17.97	223	9.64	119
12:20	18.75	224	9.64	104
12:30	19.62	223	9.65	62.6
12:40	18.97	222	9.67	51.8
12:50	18.34	222	9.68	39.3

Comments: Sampled @ 12:55pm * The well was going dry and had to be sampled even though turbidity was not stable.

Verified by: [illegible] Date: 2-7-03

* No rinse sample was taken because the pump was left in the well overnight

TTL, Inc.

January 2003

Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel:

Date: Well No.: Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):

Disolved Oxygen (mg/L)	Begin Reading:		Time:		End Reading:		Time:	
Redox (mV)	Begin Reading:		Time:		End Reading:		Time:	
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)

Development Forms

Comments:

Verified by: Date:

TTL, Inc.

January 2003 Development

Quarterly Monitoring Well ~~Sampling~~

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: RER

Date: 31 JAN 03 Well No.: 339 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
43.56	109		SUNNY MID 50s		40		25	
Disolved Oxygen (mg/L)	Begin Reading:	1.57	Time:	12:40	End Reading:	2.75	Time:	15:50
Redox (mV)	Begin Reading:	418	Time:	12:40	End Reading:	14.6	Time:	15:50
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:40	20.57	450	10.89	440
12:50	19.33	846	10.40	440
13:00	20.28	2191	11.69	440
13:10	19.62	2042	11.73	440
13:20	19.76	1647	11.63	440
13:30	19.49	1566	11.62	440
13:40	19.11	1334	11.56	440
13:50	18.67	947	10.99	440
14:00	18.88	905	11.36	440
14:10	18.55	920	11.39	440
14:20	18.17	901	10.98	440
15:20	20.28	1249	11.06	440
15:30	20.35	1350	11.28	440
15:40	20.12	332	9.04	440
15:50	19.96	204	8.54	440

Comments: @ 14:30 Well went Dry → Recovered @ 15:20

Verified by: T. Dixon Date: 3-27-03

TTL, Inc.

January 2003 Quarterly Monitoring Well ~~Sampling~~ Development

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson

Date: 3 Feb 03 Well No.: 339 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
72.81	109		Sunny Mid 50s		60		35	
Disolved Oxygen (mg/L)	Begin Reading:	5.18	Time:	10:50	End Reading:	7.82	Time:	4:35
Redox (mV)	Begin Reading:	360.7	Time:	10:50	End Reading:	440	Time:	4:35
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:50 a.m.	*	280	9.38	>440
11:00		262	9.30	>440
11:10		241	9.00	>440
11:20		239	8.68	>440
11:30		258	8.58	>440
11:40		241	8.64	>440
11:50		249	9.05	>440
12:00 p.m.		264	9.47	>440
12:10		166	9.91	>440
12:45		131	8.27	>440
12:55		13*	8.29	>440
1:05		137	8.29	>440
1:15		128	8.20	>440
1:25		114	8.11	>440
1:35		1*	8.04	>440
1:45		0*	7.99	>440
1:55		0*	8.03	>440
2:05		0*	7.96	>440

Comments: *Conductivity probe was not fully submersed in sample.
*Temperature was inadvertently not measured. Cont. on pg. 77

Verified by: Date:

TTL, Inc.

January 2003

Quarterly Monitoring Well ~~Sampling~~ Development

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson

Date: 2/3/03 Well No.: 339 cont. Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
72.81	109		sunny mid 50's		60		35	
Disolved Oxygen (mg/L)	Begin Reading:	5.18	Time:	10:50	End Reading:	7.82	Time:	4:35
Redox (mV)	Begin Reading:	360.7	Time:	10:50	End Reading:	440	Time:	4:35
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:15pm	*	-1 *	8.06	>440
2:25		0 *	7.94	>440
2:35		118 *	7.82	>440
2:45		105 *	7.82	>440
2:55		196	7.70	394
3:05		194	7.67	313
3:15		193	7.76	264
3:25		194	7.77	249
3:35		193	7.74	256
3:45		193	7.74	240
3:55		193	7.75	216
4:05		192	7.71	168
4:15		192	7.76	237
4:25		1	7.77	223
4:35		4	7.78	174

Comments: * Conductivity probe was not fully submersed in sample.

* Temperature was inadvertently not measured.

Verified by: [illegible] Date: 3-27-03

TTL, Inc.

January 2003 Development

Quarterly Monitoring Well ~~Sampling~~

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker

Date: 2/4/03 Well No.: MW-339 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
69.38	109		sunny mid 50's		60		25	
Disolved Oxygen (mg/L)	Begin Reading:	453	Time:	10:25	End Reading:	.74	Time:	4:05
Redox (mV)	Begin Reading:	502	Time:	10:25	End Reading:	321	Time:	4:05
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:25 am	16.69	245	8.76	>440
10:35	21.07	230	8.23	>440
10:45	20.62	228	7.94	>440
10:55	19.96	221	8.06	>440
11:05	19.61	218	8.21	>440
11:15	19.30	216	8.04	>440
11:25	19.07	212	8.07	>440
11:35	18.71	216	8.06	>440
11:45	18.78	215	8.03	>440
11:55	18.38	216	7.98	>440
12:05 pm	18.59	214	7.96	>440
12:15	18.04	214	7.97	>440
12:25	18.43	212	7.96	>440
12:35	18.34	211	7.95	>440
12:45	18.40	211	7.93	>440
12:55	18.44	209	7.91	>440
1:05	18.45	210	7.86	>440
1:15	18.48	209	7.92	432

Comments: Continued on pg 79.

Verified by: Date:

TTL, Inc.

January 2003

Quarterly Monitoring Well ~~Sampling~~ Development

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker

Date: 2/4/03 Well No.: MW-339 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
69.38	109		Sunny mid 50's		60		25	
Disolved Oxygen (mg/L)	Begin Reading:	4.52	Time:	10:25	End Reading:	.74	Time:	4:05
Redox (mV)	Begin Reading:	502	Time:	10:25	End Reading:	321	Time:	4:05
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:25 pm	18.34	209	7.91	401
1:35	19.01	207	7.84	349
1:45	19.07	207	7.79	334
1:55	19.09	206	7.81	336
2:05	19.14	207	7.84	269
2:15	19.08	206	7.79	245
2:25	18.82	207	7.86	222
2:35	19.38	208	7.88	204
2:45	18.89	206	7.91	190
2:55	18.68	207	7.89	180
3:05	18.79	207	7.93	171
3:15	18.29	209	8.10	163
3:25	18.65	208	8.08	154
3:35	18.34	207	8.04	145
3:45	18.86	207	7.94	147
3:55	17.99	208	7.95	142
4:05	17.81	207	7.95	134

Comments:

Verified by: [illegible] Date: 3-27-03

TTL, Inc.

January 2003

Quarterly Monitoring Well ~~Sampling~~ Development

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson

Date: 2/5/03 Well No.: MW-340 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
21.34	91.5		Sunny mid 50's		65		75	
Disolved Oxygen (mg/L)	Begin Reading:	4.95	Time:	2:15	End Reading:	2.45	Time:	4:45
Redox (mV)	Begin Reading:	166	Time:	2:15	End Reading:	33.2	Time:	4:45
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:15pm	*	404	10.86	>440
2:25		175	9.03	>440
2:35		150	7.83	>440
2:45		141	7.21	>440
2:55		284	10.31	>440
3:05		184	7.07	>440
3:15		167	6.84	>440
3:25		139	6.69	>440
3:35		127	6.56	>440
3:45		122	6.49	>440
3:55		122	6.50	305
4:05		121	6.50	378
4:15		119	6.45	300
4:25		117	6.43	275
4:35		115	6.46	231
4:45		116	6.43	177

Comments:

* Temperature was inadvertently not measured.

Verified by: [illegible] Date: 3-27-03

TTL, Inc.

January 2003

Quarterly Monitoring Well ~~Sampling~~ Development

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker

Date: 2/3/03 Well No.: MW-342 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
22.09	89		Sunny mid 50's		60		110	
Disolved Oxygen (mg/L)	Begin Reading:	1.62	Time:	10:42	End Reading:	1.28	Time:	4:12
Redox (mV)	Begin Reading:	429	Time:	10:42	End Reading:	70	Time:	4:12
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:42	22.68	322	8.93	>440
10:52	22.15	200	8.73	>440
11:02	22.09	230	8.69	>440
11:12	21.66	155	7.26	>440
11:22	21.52	262	7.29	>440
11:32	21.43	258	8.53	>440
11:42	21.48	235	8.73	>440
11:52	21.32	225	8.62	>440
12:02	21.22	216	8.52	368
12:12	21.16	206	8.46	370
12:22	21.53	204	8.39	130
12:32	21.31	202	8.24	134
12:42	21.97	194	8.09	78.3
12:52	21.87	192	7.91	65.1
1:02	21.38	190	7.73	183
1:12	21.69	185	7.57	110
1:22	21.53	184	7.47	88.8
1:32	21.64	180	7.23	74.5

Comments: Continued on pg 82.

Verified by: Date:

TTL, Inc.

January 2003

Quarterly Monitoring Well ~~Sampling~~ Development

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Brad Baker

Date: 2/3/03 Well No.: MW-342 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
22.09	89		sunny 50's		60		110	
Disolved Oxygen (mg/L)	Begin Reading:	1.62	Time:	10:42	End Reading:	1.28	Time:	4:12
Redox (mV)	Begin Reading:	429	Time:	10:42	End Reading:	70	Time:	4:12
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:42	21.60	180	7.46	182
1:52	21.77	183	7.56	203
2:02	21.60	183	7.43	200
2:12	21.58	180	7.42	>440
2:22	21.67	176	7.30	334
2:32	22.29	157	6.92	>440
2:42	21.69	155	6.80	>440
2:52	21.95	158	6.81	>440
3:02	21.42	157	6.81	>440
3:12	21.29	154	6.80	256
3:22	21.36	155	6.81	170
3:32	21.30	154	6.79	130
3:42	21.28	155	6.80	81.3
3:52	21.22	154	6.79	46.3
4:02	21.01	153	6.77	52.0
4:12	21.04	155	6.78	35.1

Comments:

Verified by: [illegible] Date: 3-27-03

TTL, Inc.

January 2003

Quarterly Monitoring Well ~~Sampling~~ Development

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson

Date: 2/4/03 Well No.: MW-341 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
27.86	59		sunny mid 50's		40		13	
Disolved Oxygen (mg/L)	Begin Reading:	8.43	Time:	12:30	End Reading:	*	Time:	*
Redox (mV)	Begin Reading:	244.2	Time:	12:30	End Reading:	*	Time:	*
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:30	*	238	10.98	>440
12:40	↓	432	9.93	>440
12:50	↓	386	9.99	>440
1:00	* well	Dry		
2:15	*	496	10.25	>44
2:25	* well	Dry		

Comments: * well went dry – end DO + redox readings not taken.

* Temperature was inadvertently not measured.

Verified by: [illegible] Date: 3-27-03

TTL, Inc.

January 2003

Quarterly Monitoring Well ~~Sampling~~ Development

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson

Date: 2/5/03 Well No.: MW-341 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
44.98	59		sunny mid 50's		40		2	
Disolved Oxygen (mg/L)	Begin Reading:	2.94	Time:	12:30	End Reading:	*	Time:	*
Redox (mV)	Begin Reading:	-147	Time:	12:30	End Reading:	*	Time:	*
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:30pm	*	400	10.63	>940
12:40	well Dry			

Comments: * well went dry - end DO + redox readings not taken.

Temperature was inadvertently not measured.

Verified by: [illegible] Date: 2-27-03

TTL, Inc.

January 2003

Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel:

Date: Well No.: Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
Disolved Oxygen (mg/L)	Begin Reading:		Time:		End Reading:		Time:	
Redox (mV)	Begin Reading:		Time:		End Reading:		Time:	
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)

Last Page

Comments:

Verified by: Date:

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: TK / RR

Date: 1/6/03 Well No.: 106 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
28.28	35		Partly cloudy 50's		40		44	
Disolved Oxygen (mg/L)	Begin Reading:	3.85 ~~2.30~~ TK	Time:	2:30 p.m.	End Reading:	4.73	Time:	3:20 p.m.
Redox (mV)	Begin Reading:	2:~~643.5~~ TK	Time:	2:30	End Reading:	654.7	Time:	3:20
Iron (mg/L)	Fe (II):	<0.5	Time:	3:25	Fe (Total):	<0.5	Time:	3:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:30 p.m.	22.14	56	4.47	144
2:35	22.23	54	4.50	135
2:40	22.35	55	4.48	63.3
2:45	22.30	54	4.51	5.9
2:50	22.11	55	4.48	5.8
2:55	22.21	56	4.48	14.2
3:00	22.42	58	4.46	2.3
3:05	22.26	57	4.44	2.8
3:10	22.43	58	4.46	2.8
3:15	22.40	58	4.47	2.7
3:20	22.39	58	4.46	2.9

Comments: Sample time = 3:25 TOC sample taken

Verified by: [signature] Date: 1-7-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: TK / MM

Date: 1 / 7 / ~~02~~ MM 03 Well No.: 107 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.14	35	CLEAR 20'S	40	16

Disolved Oxygen (mg/L)	Begin Reading:	4.98	Time:	9:35 AM	End Reading:	8.23	Time:	10:10 AM
Redox (mV)	Begin Reading:	884.8	Time:	9:35 AM	End Reading:	819.1	Time:	10:10 AM
Iron (mg/L)	Fe (II):	<.5	Time:	10:20	Fe (Total):	<.5	Time:	10:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:35 AM	19.88	62	4.67	242
9:40	20.28	62	4.58	150
9:45	20.35	62	4.53	52.0
9:50	20.40	63	4.53	23.0
9:55	20.91	63	4.55	15.5
10:00	20.64	63	4.52	15.2
10:05	20.67	62	4.50	15.3
10:10	20.67	62	4.54	15.1

Comments: SAMPLE TIME @ 10:15 AM

TOC taken

Verified by: [illegible] Date: 1-7-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: TK/MM

Date: 1/7/03 Well No.: 207 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.20	67.5	Clear 30's	40	30

Disolved Oxygen (mg/L)	Begin Reading:	4.48	Time:	11:05 AM	End Reading:	8.25	Time:	12:05 PM
Redox (mV)	Begin Reading:	586.5	Time:	11:05 AM	End Reading:	697.1	Time:	12:05 PM
Iron (mg/L)	Fe (II):	<.5	Time:	12:10	Fe (Total):	<.5	Time:	12:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:05 AM	19.11	53	5.75	236
11:10	19.52	46	5.58	34.2
11:15	16.87	42	5.56	29.5
11:20	19.45	45	5.48	18.4
11:25	19.58	47	5.49	15.3
11:30	19.78	47	5.48	13.8
11:35	19.65	47	5.47	12.3
11:40	19.80	48	5.48	11.7
11:45	19.69	48	5.43	11.2
11:50	19.98	49	5.41	11.6
11:55	20.19	51	5.41	11.4
12:00PM	19.57	51	5.39	11.6

Comments: SAMPLE TIME @ 12:05 P.M.

TOC TAKEN

Verified by: [illegible] Date: 1-7-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: TK / MM

Date: 1/7/03 Well No.: 208 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
18.14	52	CLEAR 50'S	50	32

Disolved Oxygen (mg/L)	Begin Reading:	3.52	Time:	2:35 PM	End Reading:	4.54	Time:	3:25 PM
Redox (mV)	Begin Reading:	575.0	Time:	2:35 PM	End Reading:	691.3	Time:	3:25 PM
Iron (mg/L)	Fe (II):	< .5	Time:	3:30 PM	Fe (Total):	< .5	Time:	3:30 PM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:35 PM	20.86	158	6.34	36.1
2:40	20.83	123	5.93	32.2
2:45	20.85	115	5.75	24.3
2:50	20.84	107	5.63	16.5
2:55	20.98	103	5.56	13.5
3:00	20.79	100	5.51	12.0
3:05	20.79	98	5.50	9.9
3:10	20.92	96	5.48	9.1
3:15	20.93	93	5.44	9.2
3:20	20.81	91	5.39	9.2

Comments: SAMPLE TIME @ 3:25 PM

Verified by: [illegible] Date: 1-7-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: TK / MM

Date: 1/7/03 Well No.: 108 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
17.99	25	CLEAR 50'S	40	20

Disolved Oxygen (mg/L)	Begin Reading:	6.56	Time:	3:50 PM	End Reading:	5.59	Time:	4:30 PM
Redox (mV)	Begin Reading:	746.1	Time:	3:50 PM	End Reading:	762.3	Time:	4:30 PM
Iron (mg/L)	Fe (II):	<.5	Time:	4:40	Fe (Total):	<.5	Time:	4:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:50 PM	22.60	86	4.34	10.8
3:55	22.57	86	4.31	4.6
4:00	22.55	86	4.28	3.3
4:05	22.80	87	4.31	1.9
4:10	22.70	87	4.30	1.3
4:15	22.54	86	4.29	1.4
4:20	22.60	87	4.30	1.4
4:25	22.50	86	4.29	1.4

Comments: SAMPLE TIME @ 4:30 PM

Verified by: [illegible] Date: 1-7-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Todd Kraft Chris Kratochek

Date: 1-8-03 Well No.: 135A Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.21	36	Sunny 40's	40	9 gal

Disolved Oxygen (mg/L)	Begin Reading:	4.76 ~~9:55am~~ CK	Time:	9:55am	End Reading:	5.29	Time:	10:35
Redox (mV)	Begin Reading:	657.4 ~~9:55 CK~~	Time:	9:55am	End Reading:	625.9	Time:	10:35
Iron (mg/L)	Fe (II):	<0.50 ~~<0.05~~	Time:	10:45	Fe (Total):	<0.50 ~~<0.05~~	Time:	10:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:55am	14.92	90	5.56	21.7
10:00	19.24	88	5.64	15.6
10:05	19.61	86	5.51	14.7
10:10	19.97	83	5.49	11.2
10:15	20.00	81	5.45	7.9
10:20	19.47	80	5.39	6.9
10:25	20.17	87	5.45	5.4
10:30	19.88	88	5.45	5.4
10:35	19.85	86	5.42	5.5

Comments: Sample Time @ 10:40

Verified by: [signature] Date: 1-8-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson Todd Kraft

Date: 01/08/03 Well No.: MW-235B Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.04	45	Sunny 40's	40	~~#~~ 30 gal

Disolved Oxygen (mg/L)	Begin Reading:	6.84	Time:	11:05	End Reading:	6.77	Time:	11:50
Redox (mV)	Begin Reading:	621.2	Time:	11:05	End Reading:	653	Time:	11:50
Iron (mg/L)	Fe (II):	1.05	Time:	12:00	Fe (Total):	1.05	Time:	12:00

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:05	21.13	265	5.57	329
11:10	20.49	242	5.51	15.1
11:15	21.51	240	5.46	10.8
11:20	21.19	193	5.41	7.0
11:25	21.47	209	5.43	6.6
11:30	21.42	195	5.40	4.7
11:35	21.62	185	5.36	3.9
11:40	21.32	174	5.35	4.0
11:45	21.49	166	5.31	4.1
11:50	21.44	160	5.30	4.1

Comments: Sampled Time @ 11:55 Iron Sampled Taken

Verified by: [illegible] Date: 1-8-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: REGGIE ROBINSON, TODD KRAFT

Date: 01/08/03 Well No.: 235C Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
22.51	55		Sunny 50's		45		33	
Disolved Oxygen (mg/L)	Begin Reading:	7.16	Time:	12:40	End Reading:	7.39	Time:	1:30
Redox (mV)	Begin Reading:	655.4	Time:	12:40	End Reading:	693.2	Time:	1:30
Iron (mg/L)	Fe (II):	<.05	Time:	1:40	Fe (Total):	<.05	Time:	1:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:40	19.62	90	5.43	4.0
12:45	21.30	72	5.28	48.5
12:50	21.35	76	5.26	28.6
12:55	21.20	74	5.27	21.8
1:00	21.16	80	5.26	18.1
1:05	21.24	80	5.27	19.2
1:10	21.38	79	5.26	15.4
1:15	21.30	79	5.24	16.9
1:20	21.31	80	5.21	14.5
1:25	21.12	80	5.22	14.3
1:30	21.16	80	5.21	14.5

Comments: Sample Time @ 1:35

Verified by: [signature] Date: 1-8-03

TTL, Inc.

January 2003

Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson Todd Kraft

Date: 01/08/03 Well No.: 123 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
23.94	26		Sunny 50's		45		10	
Disolved Oxygen (mg/L)	Begin Reading:	7.31	Time:	2:40	End Reading:	7.67	Time:	3:25
Redox (mV)	Begin Reading:	7125	Time:	2:40	End Reading:	729.	Time:	3:25
Iron (mg/L)	Fe (II):	<0.50	Time:	3:30	Fe (Total):	<0.50	Time:	3:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:40	18.82	99	4.74	105
2:45	19.48	100	4.63	165
2:50	20.04	96	4.66	84.2
2:55	20.16	103	4.64	14.7
3:00	20.04	98	4.67	5.5
3:05	20.01	98	4.64	4.6
3:10	19.89	97	4.62	2.9
3:15	19.84	99	4.63	2.3
3:20	19.89	99	4.63	2.2
3:25	19.81	99	4.62	2.2

Comments: Sampled Time @ 3:25

Verified by: T.D. Kraft Date: 1-8-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson Todd Kraft.

Date: 01/09/03 Well No.: MW-137A Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
20.12	37.0	Sunny/ 50's	45	20

Disolved Oxygen (mg/L)	Begin Reading:	10.12	Time:	09:45	End Reading:	13.34	Time:	10:15
Redox (mV)	Begin Reading:	724.6	Time:	09:45	End Reading:	727.1	Time:	10:15
Iron (mg/L)	Fe (II):	TR <0.50 ~~<0.05~~	Time:	10:20	Fe (Total):	TR <0.50 ~~1.95~~	Time:	10:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
09:45 AM	20.36	88	5.39	24.4
09:50 AM	20.05	85	5.36	4.3
09:55 AM	20.40	87	5.37	3.0
10:00 AM	20.73	87	5.36	1.9
10:05 AM	20.62	87	5.36	1.8
10:10 AM	20.47	86	5.36	1.9
10:15 AM	20.66	87	5.37	1.9

Comments: Sample Time @ 10:16 Duplicates were collected

Verified by: [illegible] Date: 1-9-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson Todd Kraft

Date: 01/09/03 Well No.: MW-237B Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
20.11	46.0	Sunny 50's	45	140

Disolved Oxygen (mg/L)	Begin Reading:	11.68	Time:	10:45	End Reading:	19.43	Time:	2:55
Redox (mV)	Begin Reading:	645.1	Time:	10:45	End Reading:	664.9	Time:	2:55
Iron (mg/L)	Fe (II):	<0.05 <0.05	Time:	3:00	Fe (Total):	<0.05 <0.05	Time:	3:00

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:45 AM	20.54	369	6.33	440
10:50 AM	20.24	318	6.11	440
10:55 AM	20.24	266	6.14	440
11:00 AM	20.35	238	6.07	440
11:05 AM	20.36	215	6.00	440
11:15 AM	20.44	181	5.86	399
11:25 AM	20.48	169	5.79	356
11:35 AM	20.61	163	5.75	325
11:45 AM	20.65	154	5.71	315
11:55 AM	20.60	150	5.70	313
12:05 PM	20.79	147	5.68	305
12:15 PM	20.86	141	5.66	240
12:25 PM	20.90	136	5.62	225
12:35 PM	21.05	133	5.57	200
12:45 PM	20.92	126	5.50	186
12:55 PM	21.07	122	5.50	156
1:05 PM	20.99	119	5.43	141
1:10 PM	20.96	118	5.42	134

Comments: Turbidity is not clearing up moved Time Segments to every Ten Min

P. 1 of 2

Verified by: [signature] Date: 1-9-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson Todd Kraft

Date: 01/09/03 Well No.: MW-23TB Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
20.11	46.0	Sunny 50's	45	140

Disolved Oxygen (mg/L)	Begin Reading:	11.68	Time:	10:45	End Reading:	19.43	Time:	2:55
Redox (mV)	Begin Reading:	645.1	Time:	10:45	End Reading:	664.9	Time:	2:55
Iron (mg/L)	Fe (II):	~~1.05~~ <0.50 TK	Time:	3:00	Fe (Total):	~~1.05~~ <0.50 TK	Time:	3:00

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:15 PM	21.11	117	5.40	129
1:25 PM	21.02	115	5.41	119
1:35 PM	21.00	112	5.36	107
1:45 PM	20.96	111	5.35	91.5
1:55 PM	21.13	110	5.35	88.1
2:05 PM	20.88	108	5.30	77.4
2:15 PM	20.79	106	5.29	77.7
2:25 PM	20.75	105	5.28	74.4
2:35 PM	20.67	104	5.26	73.4
2:45 PM	20.64	104	5.26	73.3
2:55 PM	20.66	104	5.26	73.4

Comments: Sampled Time @ 2:56

p. 2 of 2

Verified by: K. Dixon Date: 1-9-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson Chris Krafcheck

Date: 1-10-03 Well No.: ~~237C~~ 237C Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
20.21	53.0	Sunny 50's	40	16

Disolved Oxygen (mg/L)	Begin Reading:	9.10	Time:	9:15am	End Reading:	6.76	Time:	9:55
Redox (mV)	Begin Reading:	715.0	Time:	9:15am	End Reading:	775.2	Time:	9:55
Iron (mg/L)	Fe (II):	<0.50	Time:	10:05am	Fe (Total):	<0.50	Time:	10:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:15am	18.51	113	5.29	374
9:20	19.16	104	4.78	82.2
9:25	19.69	105	4.76	3.2
9:30	19.32	104	4.75	2.3
9:35	19.83	106	4.75	2.3
9:40	19.65	104	4.74	2.1
9:45	19.48	104	4.75	2.0
9:50	19.42	104	4.74	1.9
9:55	19.74	104	4.75	1.8

Comments: Sampled @ 10:00 am

Verified by: K. Dixon Date: 1-10-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Chris Kratcheck ; Reggie Robinson ; Greg Meeks

Date: 1-10-03 Well No.: 116 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
8.15	19	sunny/windy 50°	40	12

Disolved Oxygen (mg/L)	Begin Reading:	9.42	Time:	11:25am	End Reading:	24.62	Time:	12:20pm
Redox (mV)	Begin Reading:	627.6	Time:	11:25am	End Reading:	727.1	Time:	12:20pm
Iron (mg/L)	Fe (II):	4.60	Time:	12:30pm	Fe (Total):	4.65	Time:	12:35pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:25 am	19.55	52	4.83	156
11:30	21.26	52	4.82	34.8
11:35	21.50	53	4.80	34.3
11:40	21.50	54	4.79	13.3
11:45	21.58	54	4.77	7.2
11:50	21.68	54	4.77	4.1
11:55	21.63	55	4.76	3.5
12:00 pm	21.70	56	4.75	2.9
12:05	21.75	56	4.75	2.5
12:10	21.83	57	4.75	2.2
12:15	21.84	56	4.75	2.2
12:20	21.88	57	4.75	2.2

Comments: Sampled @ 12:25pm

Verified by: T. Dixon Date: 1-10-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Chris Krafchack; Reggie Robinson

Date: 1-10-03 Well No.: 216 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
8.35	40.5		Sunny/windy 50's		40		20	
Disolved Oxygen (mg/L)	Begin Reading:	9.90	Time:	1:00pm	End Reading:	9.20	Time:	2:10
Redox (mV)	Begin Reading:	706.2	Time:	1:00pm	End Reading:	762.4	Time:	2:10
Iron (mg/L)	Fe (II):	<0.50	Time:	2:15	Fe (Total):	<0.50	Time:	2:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:00pm	21.84	73	4.62	150
1:05	22.05	71	4.57	9.3
1:10	22.04	71	4.52	4.0
1:15	21.84	72	4.54	3.2
1:20	21.95	71	4.49	3.1
1:25	21.55	71	4.48	2.6
1:30	21.95	72	4.48	3.3
1:35	22.04	72	4.48	2.3
1:40	22.05	72	4.45	2.1
1:45	22.07	72	4.44	1.7
1:50	22.13	73	4.42	1.6
1:55	21.86	71	4.45	1.9
2:00	21.95	72	4.44	1.6
2:05	22.10	73	4.42	1.5
2:10	22.04	73	4.42	1.6

Comments: Sampled at 2:10 pm

Verified by: Robinson Date: 1-10-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Chris Kratchek ; Reggie Robinson

Date: 1-13-03 Well No.: 102 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
9.42	~~72.5~~ 14.35	Cloudy 40s	40	22

Disolved Oxygen (mg/L)	Begin Reading:	14.27	Time:	10:10 am	End Reading:	16.59	Time: 10:55
Redox (mV)	Begin Reading:	313.3	Time:	10:10 am	End Reading:	176.0	Time: 10:55
Iron (mg/L)	Fe (II):	* see notes	Time:	11:10 am	Fe (Total):	* see notes	Time: 11:30 am

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:10 am	14.76	770	6.82	330
10:15	17.07	901	6.92	63.7
10:20	17.00	943	6.84	34.8
10:25	16.97	956	6.81	25.5
10:30	16.93	950	6.79	24.3
10:35	16.92	953	6.79	17.0
10:40	16.93	935	6.77	17.4
10:45	16.91	928	6.75	18.5
10:50	16.73	930	6.75	18.2
10:55	16.79	945	6.77	18.4
Step 1) → *	Fe(II) overrange			
Step 2) →	10ml of Sample to 100 mls volume = 2.60 ppm x 10 = 26.0 ppm		Step 3 Took 10 ml of Diluted Sample to 100 mls volum = 0.05 ppm x 100 = 5 ppm CLK	
Step 4) →	~~20ml of Sample to 100 mls final volume = 5.55 ppm x 5 = 27.75 ppm~~		Took Total Iron Sample of 50 ppm dilution = 0.05 x 100 = 5 ppm CLK	

Comments: Sampled @ 11:00 am Collected Samples for Jeff Fischer Collected Iron Sample for lab

Verified by: [illegible] Date: 1-14-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson Chris Kafcheck

Date: 1-13-03 Well No.: 202 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
9.03	23.7		Cloudy 40's		40		30	
Disolved Oxygen (mg/L)	Begin Reading:	25.34	Time:	11:55am	End Reading:	36.27	Time:	12:55
Redox (mV)	Begin Reading:	326.2	Time:	11:55am	End Reading:	703.7	Time:	12:55
Iron (mg/L)	Fe (II):	3.65	Time:	1:00pm	Fe (Total):	3.65	Time:	1:10pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:55 am	19.58	127	5.72	7440
12:00 pm	19.49	81	5.32	60.2
12:05	19.64	76	5.23	33.3
12:10	19.20	64	5.11	16.6
12:15	19.68	73	5.22	17.9
12:20	19.71	74	5.19	16.2
12:25	19.81	73	5.18	11.9
12:30	19.85	75	5.17	11.8
12:35	19.75	72	5.10	7.9
12:40	19.83	74	5.10	6.7
12:45	19.77	72	5.10	6.6
12:50	19.72	72	5.10	6.2
12:55	19.82	72	5.10	6.1
~~Fe(II)~~	~~3.05~~ RCK			
~~Step 2~~ CK				

Comments: Stopped @ Time 12:56 Collected Samples for Jeff Fincher
Collect Iron Samples for Lab

Verified by: K Dixon Date: 1-14-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Chris Kratchek Reggie Robinson

Date: 1-13-03 Well No.: 129 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
20.20	27.5		Sunny 50s		40		15	
Disolved Oxygen (mg/L)	Begin Reading:	14.67	Time:	2:25pm	End Reading:	22.62	Time:	2:55pm
Redox (mV)	Begin Reading:	666.7	Time:	2:25pm	End Reading:	786.9	Time:	2:55pm
Iron (mg/L)	Fe (II):	<0.50	Time:	3:05pm	Fe (Total):	<0.50	Time:	3:10pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:25pm	16.48	74	4.27	72.1
2:30	21.50	83	4.27	16.0
2:35	21.67	82	4.15	9.0
2:40	21.68	83	4.12	4.8
2:45	21.69	83	4.12	3.9
2:50	21.73	81	4.12	3.5
2:55pm	21.62	83	4.11	3.7

Comments: Sampled @ 3:00pm

Verified by: J Dixon Date: 1-13-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Chris Kratochvil Reggie Robinson

Date: 1-13-03 Well No.: 229 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
19.99	40	Sunny 40's	40	22

Disolved Oxygen (mg/L)	Begin Reading:	29.49	Time:	3:25 pm	End Reading:	25.73	Time:	4:05 pm
Redox (mV)	Begin Reading:	773.9	Time:	3:25 pm	End Reading:	775.9	Time:	4:05 pm
Iron (mg/L)	Fe (II):	<0.50	Time:	4:15 pm	Fe (Total):	<0.50	Time:	4:25 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:25 pm	20.61	77	4.43	102
3:30	21.22	78	4.29	21.2
3:35	21.25	79	4.27	26.2
3:40	21.25	79	4.28	8.9
3:45	21.24	78	4.22	8.3
3:50	21.27	79	4.22	5.3
3:55	21.30	79	4.23	6.2
4:00	21.26	79	4.22	6.5
4:05	21.27	79	4.22	6.3

Comments: Sampled @ 4:10pm

Verified by: [illegible] Date: 1-14-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Todd Kraft, Kyle Massey

Date: 1/14/03 Well No.: 136A Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
16.35	25	sunny, 40's	42	32

Disolved Oxygen (mg/L)	Begin Reading:	8.48	Time:	10:45 AM	End Reading:	11.35	Time: 11:25
Redox (mV)	Begin Reading:	725.3	Time:	10:45 AM	End Reading:	132.4	Time: 11:25
Iron (mg/L)	Fe (II):	<.5	Time:	11:30	Fe (Total):	<.5	Time: 11:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:45 AM	20.19	59	4.76	7.1
10:50	20.26	59	4.76	4.1
10:55	20.12	59	4.75	3.3
11:00	20.11	58	4.75	3.1
11:05	20.18	59	4.75	3.1
11:10	20.19	59	4.75	3.0
11:15	20.18	59	4.75	3.0
11:20	20.20	59	4.73	3.0

Comments: Sample time 11:25

Verified by: [illegible] Date: 1-14-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: TK/RR

Date: 1·14·03 Well No.: MW-236B Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
16.24	46	Sunny 40's	45	25

Disolved Oxygen (mg/L)	Begin Reading:	10.53	Time:	11:50	End Reading:	11.99	Time: 12:40
Redox (mV)	Begin Reading:	615.2	Time:	11:50	End Reading:	721.0	Time: 12:40
Iron (mg/L)	Fe (II):	<0.5	Time:	12:48	Fe (Total):	<0.5	Time: 12:48

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:50 AM	19.90	118	5.90	235
11:55	19.92	113	5.72	49.9
12:00 PM	20.04	107	5.64	17.1
12:05	19.91	105	5.62	11.4
12:10	20.05	95	5.52	9.2
12:15	20.06	97	5.48	7.5
12:20	20.12	95	5.48	7.5
12:25	19.93	90	5.44	6.6
12:30	20.15	91	5.42	5.5
12:35	20.14	90	5.39	5.5
12:40	20.20	90	5.38	5.5

Comments: Sampled @ 12:42

Verified by: [signature] Date: 1-14-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: RR/TK

Date: 01-14-2003 Well No.: 231 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
11.11	33		Sunny High 50s		45		20	
Disolved Oxygen (mg/L)	Begin Reading:	19.40	Time:	1:40	End Reading:	21.25	Time:	2:20
Redox (mV)	Begin Reading:	678.5	Time:	1:40	End Reading:	740.6	Time:	2:20
Iron (mg/L)	Fe (II):	<0.50	Time:	2:26	Fe (Total):	<0.50	Time:	2:26

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:40 pm	19.21	62	5.24	23.3
1:45	19.25	63	5.16	5.5
1:50	19.29	62	5.16	4.0
1:55	19.25	62	5.10	3.4
2:00	19.26	62	5.12	3.1
2:05	19.19	62	5.12	2.4
2:10	19.27	62	5.11	2.3
2:15	19.27	62	5.11	2.4
2:20	19.26	62	5.10	2.3

Comments: Sampled @ 2:22
TOC sample taken

Verified by: [illegible] Date: 1-14-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: RR/TK

Date: 01-14-03 Well No.: 131 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
11.21	24	Sunny Low 50's	45	10

Disolved Oxygen (mg/L)	Begin Reading:	8.62	Time:	2:50	End Reading:	42.99	Time:	3:40
Redox (mV)	Begin Reading:	620.1	Time:	2:50	End Reading:	671.5	Time:	3:40
Iron (mg/L)	Fe (II):	<0.50	Time:	3:45	Fe (Total):	<0.50	Time:	3:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:50 pm	19.25	56	4.93	78.8
2:55	19.29	51	4.92	69.2
3:00	19.19	50	4.90	48.0
3:05	19.13	51	4.92	31.1
3:10	19.15	51	4.90	21.3
3:15	19.24	51	4.89	14.6
3:20	19.20	51	4.92	12.0
3:25	19.16	51	4.89	9.2
3:30	19.20	52	4.89	9.4
3:35	19.15	52	4.89	9.4
3:40	19.17	52	4.89	9.4

Comments: Sampled @ 3:42
TOC sample taken

Verified by: [illegible] Date: 1-14-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Chris Kratbeck Todd Kraft

Date: 1-15-03 Well No.: 220 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
25.09	31.5		Sunny 40's		40		12	
Disolved Oxygen (mg/L)	Begin Reading:	5.60	Time:	10:00 am	End Reading:	5.42	Time:	10:20 am
Redox (mV)	Begin Reading:	599.7	Time:	10:00 am	End Reading:	660.1	Time:	10:20 am
Iron (mg/L)	Fe (II):	<0.50	Time:	10:30	Fe (Total):	<0.50	Time:	10:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:00 am	19.33	140	4.55	21.3
10:05	19.13	138	4.52	4.2
10:10	19.21	138	4.44	2.5
10:15	19.17	138	4.49	2.2
10:20	19.16	138	4.45	2.3

Comments: Sampled @ 10:25 am

Verified by: [illegible] Date: 1-15-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Chris Kraftbeck Todd Kraft

Date: 1-15-03 Well No.: 225 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
17.01	40.5	sunny 50s	40	15

Disolved Oxygen (mg/L)	Begin Reading:	6.81	Time:	2:05pm	End Reading:	6.36	Time: 2:45
Redox (mV)	Begin Reading:	678.2	Time:	2:05pm	End Reading:	678.6	Time: 2:45
Iron (mg/L)	Fe (II):	<0.50	Time:	2:45	Fe (Total):	<0.50	Time: 2:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:05 pm	19.01	167	5.61	7.9
2:10	20.38	146	5.38	25.4
2:15	20.22	146	5.39	19.0
2:20	20.47	145	5.37	10.4
2:25	20.48	145	5.30	5.9
2:30	20.52	144	5.28	4.4
2:35	20.11	144	5.28	4.5
2:40	20.36	144	5.28	4.4
2:45	20.47	144	5.28	4.4

Comments: Sampled @ 2:42 Took TOC sample

Verified by: [illegible] Date: 1-15-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Chris Kratcheck Todd Kraft

Date: 1-15-03 Well No.: 125 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
17.11	25	Sunny 50's	40	20

Disolved Oxygen (mg/L)	Begin Reading:	7.83	Time:	12:40pm	End Reading:	6.22	Time:	1:40pm
Redox (mV)	Begin Reading:	606.7	Time:	12:40pm	End Reading:	700.5	Time:	1:40pm
Iron (mg/L)	Fe (II):	<0.50	Time:	1:50pm	Fe (Total):	<0.50	Time:	1:55pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:40 pm	16.68	127	5.06	7440
12:45	20.37	129	4.52	63.9
12:50	20.39	128	4.47	29.8
12:55	20.52	128	4.44	14.6
1:00	20.32	128	4.42	10.7
1:05	20.38	127	4.43	7.2
1:10	20.60	127	4.40	6.2
1:15	20.52	128	4.38	4.6
1:20	20.51	128	4.38	3.9
1:25	20.58	127	4.37	3.7
1:30	20.56	127	4.35	3.1
1:35	20.41	128	4.39	3.1
1:40.	20.67	128	4.33	3.4

Comments: Sampled @ 1:45pm

Verified by: [illegible] Date: 1-15-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson Todd Kraft

Date: 01-15-03 Well No.: 133 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
10.22	18.5	Sunny 50's	45	24

Disolved Oxygen (mg/L)	Begin Reading:	5.58	Time:	3:30 pm	End Reading:	4.76	Time:	4:25 pm
Redox (mV)	Begin Reading:	698.9	Time:	3:30 pm	End Reading:	707.8	Time:	4:25 pm
Iron (mg/L)	Fe (II):	<0.50	Time:	4:35 pm	Fe (Total):	<0.50	Time:	4:35 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:30 pm	18.41	106	5.28	>440
3:35	18.43	107	4.37	91.2
3:40	18.40	107	4.35	78.8
3:45	18.54	107	4.33	13.7
3:50	18.39	108	4.33	9.1
3:55	18.47	107	4.33	6.4
4:00	18.27	106	4.29	4.8
4:05	18.39	105	4.32	4.6
4:10	18.51	104	4.31	~~3.7~~ 3.7
4:15	18.26	103	4.30	3.8
4:20	18.47	103	4.31	3.7
4:25	18.30	103	4.31	3.7

Comments: Sample @ 4:27

Verified by: [signature] Date: 1-15-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson Todd Kraft

Date: 01·16·03 Well No.: 233 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
10.14	30.5	Cloudy Low 30's	45	

Disolved Oxygen (mg/L)	Begin Reading:	5.23	Time:	9:30 AM	End Reading:	5.39	Time:	10:45 AM
Redox (mV)	Begin Reading:	652.1	Time:	9:30 AM	End Reading:	700.3	Time:	10:45 AM
Iron (mg/L)	Fe (II):	<0.50	Time:	10:50 AM	Fe (Total):	<0.50	Time:	10:50 AM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:30 AM	17.55	059	~~6.50~~ 3.78 Rer	140
9:35	17.80	59	3.75	83.5
9:40	17.51	59	3.75	62.6
9:45	17.36	59	3.74	48.6
9:50	17.74	59	3.71	41.5
9:55	17.95	59	3.72	35.7
10:00	17.97	59	3.70	29.5
10:05	17.77	59	3.69	29.6
10:10	17.76	59	3.71	26.2
10:15	17.79	59	3.71	24.3
10:20	18.09	59	3.73	22.3
10:25	18.21	59	3.70	21.1
10:30	18.50	59	3.70	18.7
10:35	18.40	59	3.69	18.5
10:40	18.29	59	3.69	18.4
10:45	18.44	59	3.70	18.4

Comments: Sampled @ 10:47

Verified by: [signature] Date: 1-16-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: RR / TK

Date: 1-16-03 Well No.: MW-217 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
39.64	74.5	cloudy 50's	50	44

Disolved Oxygen (mg/L)	Begin Reading:	4.44	Time:	1:50 pm	End Reading:	4.92	Time:	2:46 pm
Redox (mV)	Begin Reading:	695.3	Time:	1:50 pm	End Reading:	697.5	Time:	2:40 pm
Iron (mg/L)	Fe (II):	<.5	Time:	2:50 pm	Fe (Total):	<.5	Time:	2:50 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:50 pm	17.28	83	4.50	4.6
1:55	17.34	83	4.52	16.4
2:00	16.57	82	4.52	16.0
2:05	16.90	82	4.46	10.9
2:10	16.95	82	4.48	10.0
2:15	16.70	82	4.49	9.2
2:20	17.06	83	4.49	6.5
2:25	17.35	83	4.48	5.7
2:30	17.39	83	4.47	5.4
2:35	17.38	83	4.46	5.5
2:40	17.42	83	4.46	5.5

Comments: Sample time 2:45

Verified by: [illegible] Date: 1-16-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson Todd Kraft

Date: 01-16-03 Well No.: 117 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
39.55	44	Cloudy Low 50's	47	16

Disolved Oxygen (mg/L)	Begin Reading:	6.71	Time:	1:00 PM	End Reading:	6.57	Time:	1:35 pm
Redox (mV)	Begin Reading:	670.0	Time:	1:00 PM	End Reading:	692.0	Time:	1:35 pm
Iron (mg/L)	Fe (II):	<.5	Time:	1:35 PM	Fe (Total):	<.5	Time:	1:35 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:00 PM	18.18	78	4.79	45.3
1:05	18.17	78	4.76	17.9
1:10	18.36	78	4.75	6.2
1:15	18.31	77	4.72	4.7
1:20	18.37	77	4.71	3.8
1:25	18.38	77	4.69	3.6
1:30	18.35	78	4.71	3.7
1:35	18.36	78	4.70	3.6

Comments: sample time 1:40

Verified by: [illegible] Date: 1-16-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson Chris Kroeholt

Date: 1-17-03 Well No.: 112 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
24.52	35	Sunny 30's	40	15

Disolved Oxygen (mg/L)	Begin Reading:	4.32	Time:	10:50 am	End Reading:	7.00	Time:	11:10 am
Redox (mV)	Begin Reading:	911.7	Time:	10:30 am	End Reading:	806.5	Time:	11:10 am
Iron (mg/L)	Fe (II):	<0.50	Time:	11:20 am	Fe (Total):	<0.50	Time:	11:20 am

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:30 am	19.97	68	4.75	75
10:35	19.50	67	4.65	10.6
10:40	19.71	68	4.63	5.9
10:45	19.62	67	4.61	4.7
10:50	19.59	67	4.59	5.1
10:55	19.69	67	4.59	3.8
11:00	19.65	67	4.56	3.2
11:05	19.71	67	4.56	3.5
11:10 am	19.73	67	4.56	3.4

Comments: Sampled @ 11:15 am

Verified by: [illegible] Date: 1-17-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Chris Kratzbeck ; Reggie Robinson

Date: 1-17-03 Well No.: 232 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.66	56.5	Sunny 40's	40	18

Disolved Oxygen (mg/L)	Begin Reading:	8.03	Time:	1:10 pm	End Reading:	8.09	Time:	1:40 pm
Redox (mV)	Begin Reading:	744.9	Time:	1:10 pm	End Reading:	751.2	Time:	1:40 pm
Iron (mg/L)	Fe (II):	<0.50	Time:	1:50 pm	Fe (Total):	<0.50	Time:	1:55 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:10 pm	18.42	60	5.15	12.7
1:15	18.33	60	5.13	6.4
1:20	18.22	60	5.03	4.3
1:25	18.51	61	5.03	3.6
1:30	18.48	61	5.03	3.0
1:35	18.41	61	4.99	3.2
1:40 pm	18.46	61	4.95	3.3

Comments: Sampled @ 1:45 pm also collected Duplicate.

Verified by: [illegible] Date: 1-17-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Chris Kratchuk Reggie Robinson

Date: 1-17-03 Well No.: 132 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.58	29	Sunny 40's	40	21

Disolved Oxygen (mg/L)	Begin Reading:	8.60	Time:	2:10pm	End Reading:	9.63 ~~2:45~~	Time:	2:45pm
Redox (mV)	Begin Reading:	765.3	Time:	2:10pm	End Reading:	767.6	Time:	2:45pm
Iron (mg/L)	Fe (II):	<0.50	Time:	2:55pm	Fe (Total):	<0.50	Time:	3:00pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:10pm	18.48	119	4.45	23.2
2:15	19.07	117	4.44	21.5
2:20	19.43	117	4.43	26.4
2:25	19.28	116	4.40	10.9
2:30	19.12	116	4.42	6.9
2:35	19.07	116	4.43	4.7
2:40	18.88	115	4.40	4.4
2:45	19.11	116	4.44	4.5

Comments: Sample @ 2:50pm

Verified by: [illegible] Date: 1-17-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson Peristaltic

Date: 01/20/03 Well No.: CMT2-1 Sampling Method: ~~Bladder Pump~~

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
27.66	32.6	Partly Cloudy Low 50's	NA	1 gal

Disolved Oxygen (mg/L)	Begin Reading:	2.57	Time:	11:25 am	End Reading:	1.72	Time:	12:13
Redox (mV)	Begin Reading:	196.8	Time:	11:25 am	End Reading:	357.3	Time:	12:13
Iron (mg/L)	Fe (II):	4.0	Time:	12:18	Fe (Total):	4.25	Time:	12:25

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:25 AM	20.19	496	6.33	5.0
11:36	20.59	484	6.17	3.0
11:50	20.92	437	6.16	2.5
12:01 pm	20.76	401	6.23	1.5
12:13 pm	21.21	389	6.12	1.9

Comments: Sampled @ 12:14

Verified by: Robinson Date: 1-20-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson Peristaltic

Date: 01/20/03 Well No.: CMT2-2 Sampling Method: ~~Bladder Pump~~

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
27.64	40.6	Partly Cloudy Mid 50	NA	4

Disolved Oxygen (mg/L)	Begin Reading:	1.62 ~~4.87~~	Time:	11:30 AM	End Reading:	2.01	Time: 2:22 pm
Redox (mV)	Begin Reading:	180.1	Time:	11:30 pm	End Reading:	545.6	Time: 2:22 pm
Iron (mg/L)	Fe (II):	<0.50	Time:	2:30 pm	Fe (Total):	<0.50	Time: 2:30 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:30 AM	20.64	487	6.88	329
11:40	21.25	299	6.52	189
11:54	20.96	217	6.30	88.9
12:09	20.92	193	6.11	77.8
12:30	20.68	179	6.05	72.5
12:41	21.14	165	5.88	65.0
12:52	21.07	167	5.89	63.3
1:00	21.61	148	5.85	58.0
1:08	21.15	137	5.80	53.9
1:17	20.95	133	5.85	44.6
1:27	20.85	128	5.83	43.5
1:36	20.56	124	5.80	43.3
1:46	20.63	120	5.79	43.4
1:55	20.75	129	5.82	42.1
2:05	20.65	120	5.79	43.6
2:22	20.89	120	5.82	43.7

Comments: Sample @ 2:23 pm

Verified by: K. Dixon Date: 1-20-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson

Date: 01-20-03 Well No.: CMT2-3 Sampling Method: ~~Bladder Pump~~ Peristaltic

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
27.63	44.6	Partly Cloudy Low 50's	NA	4

Disolved Oxygen (mg/L)	Begin Reading:	1.87	Time:	1:13 pm	End Reading:	281	Time: 3:43
Redox (mV)	Begin Reading:	241.2	Time:	1:13 pm	End Reading:	394.1	Time: 3:43
Iron (mg/L)	Fe (II):	1.55	Time:	3:50	Fe (Total):	1.60	Time: 5:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:13 pm	20.88	419	6.63	58.1
1:22	20.64	398	6.54	19.8
1:32	20.26	378	6.56	15.8
1:42	20.14	353	6.43	17.7
1:50	20.48	336	6.54	16.3
1:59	20.54	324	6.53	15.0
2:09	20.59	311	6.45	14.0
2:19	20.67	305	6.36	13.2
2:28	20.11	294	6.40	19.8
2:40	20.47	287	6.32	12.5
2:52	20.36	282	6.33	12.6
3:05	20.21	280	6.33	12.2
3:16	20.16	279	6.30	12.3
3:25	20.20	280	6.31	9.1
3:33	20.06	279	6.32	8.0
3:43	20.16	280	6.33	8.5

Comments: Sampled @ ~~3:35~~ 3:44

Verified by: [illegible] Date: 1-20-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson & Kyle Massey Peristaltic

Date: 1/20/03 & 1/21/03 Well No.: CMT2-4 Sampling Method: ~~Bladder~~ Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
27.62	48.7	Partly Cloudy min 40's	NA	4.75

Disolved Oxygen (mg/L)	Begin Reading:	2.41	Time:	4:17pm	End Reading:	3.23	Time:	11:21
Redox (mV)	Begin Reading:	192.6	Time:	4:17pm	End Reading:	222.3	Time:	11:21
Iron (mg/L)	Fe (II):	1.7	Time:	11:30	Fe (Total):	1.7	Time:	11:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1/20 4:17pm	19.72	386	6.42	4.4
4:24	20.25	414	6.21	0.9
4:30	20.19	364	6.23	0.2
4:37	20.04	303	6.17	0.3
4:44	20.21	274	6.20	1.1
1/21 10:05 a.m.	20.02	255	6.08	*
10:15	20.26	239	6.01	*
10:23	20.47	223	5.95	*
10:29	20.61	213	5.94	*
10:36	20.39	203	5.90	2.5
10:43	20.55	195	5.93	0.3
10:46	20.63	186	5.91	0.8
10:51	20.54	175	5.92	0.9
10:57	20.71	165	5.90	1.1
11:03	20.90	157	5.88	1.9
11:09	20.68	155	5.92	1.9
11:15	20.83	153	5.91	1.7
11:21	20.94	151	5.93	1.8

Comments: Sample @ 11:25

* Turbidity meter not available. Left in Reggie's truck (took to another job-site)

Verified by: [illegible] Date: 1-20-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson Todd Kraft Peristaltic

Date: 01/21/03 Well No.: CMT 2-5 Sampling Method: ~~Bladder~~ Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
27.63	52.6	Cloudy Low 60's	NA	2.5

Disolved Oxygen (mg/L)	Begin Reading:	1.57	Time:	11:06 am	End Reading:	3.77	Time:	12:40
Redox (mV)	Begin Reading:	308	Time:	11:06 am	End Reading:	427	Time:	12:40
Iron (mg/L)	Fe (II):	1.5	Time:	12:45	Fe (Total):	1.5	Time:	12:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:06 AM	20.01	171	6.41	3.5
11:16	20.35	154	6.40	3.6
11:26	20.55	145	6.30	5.2
11:36	20.57	150	6.49	2.9
11:56	20.48	147	6.56	3.6
12:02 pm	20.26	166	6.63	5.1
12:10	20.42	166	6.62	3.8
12:20	20.32	165	6.63	4.1
12:30	20.44	160	6.65	2.3
12:40	20.40	160	6.64	2.3

Comments: Sampled @ 12:41

Verified by: Hixson Date: 1-21-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson Todd Kraft Peristaltic

Date: 1-21-03 Well No.: CMT2-6 Sampling Method: ~~Bladder~~ Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
27.63	56.4	Cloudy 41.0 60's	NA	3

Disolved Oxygen (mg/L)	Begin Reading:	2.86	Time:	11:50 AM	End Reading:	3.60	Time: 1:12
Redox (mV)	Begin Reading:	343	Time:	11:50 AM	End Reading:	441	Time: 1:12
Iron (mg/L)	Fe (II):	<.5	Time:	1:20	Fe (Total):	<.5	Time: 1:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:50 AM	20.86	337	7.22	27.7
11:59	20.57	357	7.49	7.9
12:07 PM	20.50	341	7.42	5.9
12:13	20.47	321	7.39	4.8
12:19	20.37	326	7.53	6.3
12:26	20.46	322	7.41	3.4
12:33	20.53	315	7.42	4.8
12:42	20.65	310	7.41	3.6
12:49	20.45	298	7.51	4.7
12:57	20.42	300	7.45	5.3
1:06	20.60	301	7.54	5.6
1:12	20.84	299	7.57	3.8

Comments: Sample @ 1:15

Verified by: Robinson Date: 1-21-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: TK / RR

Date: 1-21-03 Well No.: CMT 2-7 Sampling Method: ~~Bladder~~ Peristaltic Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
27.63	59.8	Sunny 50's	NA	4

Disolved Oxygen (mg/L)	Begin Reading:	1.37	Time:	1:20 pm	End Reading: 2.56	Time:	4:09
Redox (mV)	Begin Reading:	376	Time:	1:20 pm	End Reading: 131	Time:	4:09
Iron (mg/L)	Fe (II):	2.55	Time:	4:11	Fe (Total): 2.55	Time:	4:11

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:20 pm	20.86	767	6.98	26.3
1:35	20.42	833	7.02	22.6
1:45	20.35	787	7.02	9.3
1:57	20.45	766	7.00	9.7
2:10	20.33	733	7.02	9.6
2:22	20.53	681	7.01	10.2
2:35	20.52	648	7.00	7.2
2:48	20.72	617	7.01	6.2
2:58	20.79	590	7.01	6.4
3:12	20.70	568	6.97	6.2
3:23	20.66	545	7.00	6.6
3:30	20.56	544	6.97	6.7
3:41	20.49	525	7.03	6.4
3:51	20.48	510	7.02	6.2
4:01	20.40	506	7.00	6.3
4:09	20.36	507	7.00	6.3

Comments: Sampled @ 4:10

Verified by: [signature] Date: 1-21-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Kyle Massey + Todd Kraft

Date: 1/22/03 Well No.: CMT 4-1 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
Dry	26	Cloudy 40's		

Disolved Oxygen (mg/L)	Begin Reading:		Time:		End Reading:		Time:	
Redox (mV)	Begin Reading:		Time:		End Reading:		Time:	
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)

Comments: CMT 4-1 is a dry well. No water detected

Verified by: Dixon Date: 1-22-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Kyle Massey + Todd Kraft Peristaltic

Date: 1/22/03 Well No.: CMT 4-2 Sampling Method: ~~Bladder~~ Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.73	32	Cloudy 40's	NA	1.75

Disolved Oxygen (mg/L)	Begin Reading:	2.15	Time: 12:05PM	End Reading:	2.42	Time:	1:32
Redox (mV)	Begin Reading:	236.3	Time: 12:05 PM	End Reading:	422.5	Time:	1:32
Iron (mg/L)	Fe (II):	0.45	Time: 1:32	Fe (Total):	0.45	Time:	1:32

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:05 PM	16.30	217	6.44	8.8
12:25	17.44	83	5.55	4.5
12:38	17.71	84	5.48	2.0
12:52	17.43	85	5.53	1.5
1:07	17.17	85	5.45	0.8
1:19	17.03	85	5.47	0.6
1:32	17.00	85	5.43	0.7

Comments: Sample @ 1:35

Verified by: [illegible] Date: 1-22-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Kyle Massey + Todd Kraft Peristaltic

Date: 1/22/03 Well No.: CMT 4-3 Sampling Method: ~~Bladder~~ Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.71	37	cloudy 40's	NA	2

Disolved Oxygen (mg/L)	Begin Reading:	1.54	Time:	12:10 pm	End Reading:	2.25	Time:	1:41
Redox (mV)	Begin Reading:	298.1	Time:	12:10 pm	End Reading:	405.4	Time:	1:41
Iron (mg/L)	Fe (II):	2.45	Time:	1:41	Fe (Total):	2.45	Time:	1:41

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:10 pm	17.19	206	5.75	7.2
12:20	17.27	207	6.27	1.2
12:32	17.52	196	6.20	1.0
12:45	17.68	190	6.12	1.0
12:58	17.18	182	6.16	0.6
1:11	17.20	181	6.17	0.7
1:24	17.14	180	6.10	0.9
1:41	16.79	178	6.09 KK	0.6

Comments: sample @ 1:45

Verified by: KDixon Date: 1-22-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: TK/KM

Date: 1-22-03 Well No.: CMT 4-4 Sampling Method: ~~Bladder~~ Peristaltic Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.73	42	cloudy, 40's	NA	2.25

Disolved Oxygen (mg/L)	Begin Reading:	1.80	Time:	2:24 pm	End Reading:	3.62	Time:	4:45
Redox (mV)	Begin Reading:	56.9	Time:	2:24 pm	End Reading:	467.7	Time:	4:45
Iron (mg/L)	Fe (II):	0.95	Time:	4:45	Fe (Total):	0.95	Time:	4:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:24 pm	17.97	299	6.88	~~3.6~~ TK 111
2:42	17.00	198	6.02	16.6
2:58	16.77	180	5.92	6.2
3:15	16.78	156	5.89	5.0
3:31	17.02	145	5.88	2.1
3:51	16.79	141	5.84	2.7
4:07	16.41	136	5.63	5.5
4:26	15.58	137	5.72	6.5
4:40	15.99	137	5.75	6.7

Comments: Sample @ 4:45

Verified by: Dixon Date: 1-22-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: TK / KM

Date: 1-22-03 Well No.: CMT 4-5 Sampling Method: ~~Bladder~~ Peristaltic Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.73	48	cloudy 40's	NA	2.75

Disolved Oxygen (mg/L)	Begin Reading:	1.51	Time:	2:26 pm	End Reading:	1.40	Time: 3:47
Redox (mV)	Begin Reading:	296.3	Time:	2:26 pm	End Reading:	140.4	Time: 3:47
Iron (mg/L)	Fe (II):	0.90	Time:	3:50	Fe (Total):	1.00	Time: 3:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:26 pm	16.60	211	6.20	3.6
2:32	18.31	288	6.80	7.7
2:39	18.03	288	6.94	4.3
2:48	18.40	272	6.64	6.3
2:54	18.56	260	6.89	6.2
3:05	18.14	246	6.56	6.7
3:13	18.61	245	6.77	7.7
3:21	18.33	235	6.55	7.0
3:29	18.68	236	6.71	6.7
3:36	18.73	236	6.47	6.3
3:47	18.70	238	6.71	6.1

Comments: Sample @ 3:50

Verified by: Dixon Date: 1-22-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: TL / KM Peristaltic

Date: 1-23-03 Well No.: CMT 4-6 Sampling Method: ~~Bladder~~ Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.74	54	cold 20's	NA	4

Disolved Oxygen (mg/L)	Begin Reading:	2.20	Time:	9:23 am	End Reading:	2.74	Time:	11:57
Redox (mV)	Begin Reading:	554.7	Time:	9:23 am	End Reading:	571.8	Time:	11:52
Iron (mg/L)	Fe (II):	<.5	Time:	11:55	Fe (Total):	<.5	Time:	11:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:23 AM	13.34	135	6.00	115
9:33	12.63	147	5.99	66.9
9:46	12.39	148	5.98	53.3
10:02	13.37	146	5.92	55.0
10:17	13.23	142	5.97	57.8
10:31	13.39	139	5.94	60.9
10:43	12.41	132	5.89	54.6
10:53	14.21	118	5.76	45.4
11:01	15.42	119	5.73	33.4
11:07	16.01	121	5.73	27.8
11:16	15.84	123	5.88	23.4
11:23	16.17	124	5.83	20.6
11:30	15.82	123	5.72	18.4
11:36	15.49	122	5.73	16.6
11:43	15.45	121	5.80	18.8
11:52	15.40	120	5.79	17.8

Comments: sample @ 11:55

Verified by: [signature] Date: 1-23-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: TK / KM Peristaltic

Date: 1-23-03 Well No.: CMT 4-7 Sampling Method: ~~Bladder~~ Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.72	55.8	cold 20's	NA	3

Disolved Oxygen (mg/L)	Begin Reading:	1.85	Time:	9:15 AM	End Reading:	1.40	Time:	10:30
Redox (mV)	Begin Reading:	573.7	Time:	9:15 AM	End Reading:	496.3	Time:	10:50
Iron (mg/L)	Fe (II):	<.5	Time:	10:35	Fe (Total):	<.5	Time:	10:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:15 AM	15.08	181	5.92	285
9:20	16.24	170	5.76	40.6
9:26	15.00	164	5.76	19.5
9:32	14.40	161	5.75	12.6
9:40	14.96	161	5.80	10.7
9:47	14.24	159	5.76	11.6
9:55	14.63	159	5.78	16.5
10:01	14.66	162	5.80	14.5
10:07	14.65	161	5.72	12.4
10:15	14.75	160	5.69	8.2
10:22	14.70	160	5.74	5.8
10:30	14.72	161	5.75	4.1

Comments: Sample @ 10:35

Verified by: [illegible] Date: 1-23-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel:

Date: Well No.: Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):

Disolved Oxygen (mg/L)	Begin Reading:		Time:		End Reading:		Time:	
Redox (mV)	Begin Reading:		Time:		End Reading:		Time:	
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)

HOLD FOR HEADSPACE

Comments:

Verified by: Date:

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson Matt Morris

Date: 02/17/03 Well No.: MW 238C Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.40	55	Cloudy Low 70's	40	13.

Disolved Oxygen (mg/L)	Begin Reading:	10.56	Time:	2:10	End Reading:	6.28	Time:	2:50
Redox (mV)	Begin Reading:	450.9	Time:	2:10	End Reading:	506.2	Time:	2:50
Iron (mg/L)	Fe (II):	<0.50	Time:	2:55	Fe (Total):	<0.50	Time:	2:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:10 PM	18.67	105	5.07	11.8
2:15	19.38	124	5.59	5.8
2:20	19.17	114	5.60	5.4
2:25	19.37	110	5.59	5.4
2:30	19.30	104	5.53	~~5.7~~ 4.7 REF
2:35	19.26	101	5.52	4.6
2:40	19.19	98	5.41	3.9
2:45	19.38	96	5.43	3.6
2:50	19.11	96	5.44	3.3

Comments: Sampled @ 2:50

Verified by: [illegible] Date: 2-20-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson Matt Morris

Date: 02/17/03 Well No.: MW226 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
14.36	21	CLOUDY HIGH 30'S	40	20

Disolved Oxygen (mg/L)	Begin Reading:	5.36	Time:	4:05	End Reading:	6.31	Time:	4:35
Redox (mV)	Begin Reading:	564.2	Time:	4:05	End Reading:	584.7	Time:	4:35
Iron (mg/L)	Fe (II):	<0.50	Time:	4:40	Fe (Total):	<0.05	Time:	4:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
4:05 PM	16.93	20	5.21	275
4:10	18.58	47	4.93	88.0
4:15	18.94	47	4.86	63.2
4:20	18.91	48	4.81	25.9
4:25	18.99	48	4.79	7.0
4:30	19.00	48	4.77	6.2
4:35	18.97	48	4.76	3.0

Comments: SAMPLED @ 4:35 PM.

Verified by: [signature] Date: 2-20-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson

Date: 02/18/03 Well No.: MW 1A Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
18.88	43.5	Cloudy Low 40's		

Disolved Oxygen (mg/L)	Begin Reading:	4.31	Time:	10:30	End Reading:	5.82	Time:	11:15
Redox (mV)	Begin Reading:	737.9	Time:	10:30	End Reading:	716.6	Time:	11:15
Iron (mg/L)	Fe (II):	<0.50	Time:	11:20	Fe (Total):	<0.50	Time:	11:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:30 AM	17.50	60	4.91	440
10:35	19.70	63	4.80	142
10:40	19.65	62	4.77	54.2
10:45	19.63	62	4.70	16.5
10:50	19.77	62	4.67	11.9
10:55	19.70	62	4.61	8.9
11:00	19.92	62	4.61	7.8
11:05	19.87	62	4.66	2.7
11:10	19.75	62	4.61	2.9
11:15	19.75	62	4.61	2.8

Comments: Sampled @ 11:15

Verified by: Dixon Date: 2-20-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: RR, WGM

Date: 2-18-03 Well No.: MW-339 Sampling Method: Bladder Pump

300 mm per minute

TD 18.4

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
66.11	109	Cloudy mid 40F	60	

Disolved Oxygen (mg/L)	Begin Reading:	4.48	Time:	12:40	End Reading:	8.62	Time:	17:50
Redox (mV)	Begin Reading:	497	Time:	12:40	End Reading:	352.7	Time:	17:50
Iron (mg/L)	Fe (II):	<0.50	Time:	17:55	Fe (Total):	<0.50	Time:	17:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	
12:40	16.68	721	11.48	328	H2O Level
12:50	16.76	421.5	11.45	244	
13:00	17.89	748	11.38	616	
13:10	17.71	738	10.39	72.1	70.11
13:20	18.82	659	11.22	67.6	72.31
13:30	18.75	585	11.06	67.3	74.2
13:40	18.99	574	9.99	70.0	75.90
13:50	18.98	443	10.75	101	76.90
14:00	19.28	395	10.35	157	77.85
14:10	19.29	359	9.98	166	78.98
14:20	19.42	345	10.26	189	80.11
14:30	19.44	327	10.17	311	80.5
14:40	19.57	310	9.17	407	82.5
14:50	19.39	302	9.97	91.1	83.4
15:00	19.93	281	9.86	40.9	84.09
15:10	19.29	264	8.85	31.6	85.21
15:20	18.71	264	9.96	30.1	85.91
15:30	18.71	258	9.67	30.7	86.49

Comments: Page 1 of 2

Verified by: [signature] Date: 2-20-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: RR. WGM

Date: 2.18.03 Well No.: MW 339 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
66.11	109		Cloudy MID 40's					
Disolved Oxygen (mg/L)	Begin Reading:	4.48	Time:	12:40	End Reading:	3.62	Time:	17:50
Redox (mV)	Begin Reading:	497	Time:	12:40	End Reading:	356.7	Time:	17:50
Iron (mg/L)	Fe (II):	<0.50	Time:	17:55	Fe (Total):	<0.50	Time:	17:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	H2O Level
15:40	18.56	254	9.63	52.6	87.05
15:50	18.37	251	8.99	30.9	88.04
16:00	18.48	251	9.55	40.0	89.25
16:10	18.34	247	9.51	33.9	88.83
16:20	18.20	244	9.47	33.2	89.29
16:40	18.34	238	8.50	31.5	90.55
16:50	18.22	237	9.30	22.0	90.93
17:00	18.08	235	9.30	16.8	91.21
17:10	17.56	231	9.28	12.3	91.79
17:20	17.57	232	9.30	11.6	92.12
17:30	17.67	234	9.33	12.0	92.45
17:40	17.40	228	9.30	10.7	92.99
17:50	17.37	228	9.30	8.2	

Comments: Sampled @ 17:50 Page 2 of 2

Verified by: [signature] Date: 2-20-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: Reggie Robinson

Date: 02/19/03 Well No.: MW 340 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
24.62	91.5	Partly Cloudy MID 50's		65

Disolved Oxygen (mg/L)	Begin Reading:	5.04	Time:	12:30	End Reading:	4.43	Time:	17:00
Redox (mV)	Begin Reading:	332.3	Time:	12:30	End Reading:	464.1	Time:	17:00
Iron (mg/L)	Fe (II):	3.60	Time:	17:05	Fe (Total):	3.65	Time:	17:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:30	20.46	3339	12.12	83.3
12:40	21.17	1674	11.80	440
12:50	21.17	1718	11.82	440
13:00	21.18	1782	11.84	440
13:10	20.40	1474	10.65	226
13:20	20.67	937	11.48	217
13:30	20.97	618	11.09	218
13:40	21.16	440	9.84	288
13:50	21.27	410	10.23	268
14:00	21.14	428	9.99	290
14:10	20.58	466	8.92	286
14:20	20.66	403	9.37	387
14:30	20.73	376	9.27	309
14:40	20.49	336	9.16	308
14:50	20.30	316	8.85	286
15:00	20.33	307	9.13	249
15:10	20.20	338	9.72	249
15:20	20.21	291	8.63	243

Comments: Pg. 1 of 4

Verified by: [illegible] Date: 2-20-03

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: RR

Date: 02.19.03 Well No.: MW 340 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
24.62	91.5		Partly Cloudy Mid 50's				65	
Disolved Oxygen (mg/L)	Begin Reading:	5.04	Time:	12:30	End Reading:	4.43	Time:	17:00
Redox (mV)	Begin Reading:	332.3	Time:	12:30	End Reading:	464.1	Time:	17:00
Iron (mg/L)	Fe (II):	3.60	Time:	17:05	Fe (Total):	3.65	Time:	17:05

	Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	
	15:30	20.15	256	8.54	249	
	15:40	19.97	239	8.20	254	
	15:50	19.89	232	7.67	191	
	16:00	19.81	229	7.80	200	
	16:10	19.77	229	7.91	208	
	16:20	19.74	225	7.76	225	
	16:30	19.71	223	7.74	211	
	16:40	19.55	217	7.56	223	
	16:50	19.54	212	7.36	258	
STOP	17:00	19.42	209	7.35	206	H2O LEVEL 24.62
START 02/20/03	10:00 AM	20.39	241	8.96	262	24.89
	10:10	20.54	376	10.55	440	
	10:20	20.54	228	8.99	239	
	10:30	20.52	194	7.98	191	
	10:40	20.79	218	7.62	165	
	10:50	20.81	205	7.16	144	
	11:00	21.00	200	7.06	134	
	11:10	20.69	186	6.95	134	

Comments: Pg 2 of 4

No Rinse Due to Pump Left in Well

Verified by: Date:

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: RER

Date: 02.20.03 Well No.: MW 340 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
24.62	91.5		Partly Cloudy MID 50's				65	
Disolved Oxygen (mg/L)	Begin Reading:	5.04	Time:	12:30	End Reading:	4.43	Time:	17:00
Redox (mV)	Begin Reading:	332.3	Time:	12:30	End Reading:	464.1	Time:	17:00
Iron (mg/L)	Fe (II):	3.60	Time:	17:05	Fe (Total):	365	Time:	17:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:20	21.01	188	6.93	136
11:30	20.67	177	6.82	135
11:40	20.50	172	6.76	128
11:50	20.51	168	6.76	128
12:00	20.66	167	6.77	127
12:10	21.13	167	6.79	121
12:20	21.19	166	6.76	127
12:30	21.14	162	6.72	124
12:40	21.19	163	6.75	116
12:50	21.00	159	6.72	109
13:00	21.16	158	6.71	118
13:10	21.22	156	6.65	115
13:20	21.26	154	6.64	107
13:30	21.36	154	6.62	112
13:40	21.23	152	6.60	119
13:50	21.08	150	6.62	108
14:00	21.00	148	6.60	104
14:10	20.92	148	6.60	102

20 gal

H2O Level 25.43

Comments: Pg. 3 of 4

Verified by: Date:

TTL, Inc.
January 2003
Quarterly Monitoring Well Sampling

Facility Name: ALDOT/Coliseum Blvd Plume Job No.: 0700-024

Personnel: RR

Date: 02/20/03 Well No.: MW 340 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
24.62	91.5	Partly Cloudy MID 50		65

Disolved Oxygen (mg/L)	Begin Reading:	5.04	Time:	12:30	End Reading:	4.43	Time:	17:00
Redox (mV)	Begin Reading:	232.3	Time:	12:30	End Reading:	464.1	Time:	17:00
Iron (mg/L)	Fe (II):	3.60	Time:	17:05	Fe (Total):	3.65	Time:	17:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
14:20	21.06	147	6.60	90.9
14:30	20.91	148	6.64	81.1
14:40	20.75	146	6.60	89.6
14:50	20.52	142	6.54	87.0
15:00	20.54	142	6.55	76.9
15:10	20.41	140	6.54	87.4
15:20	20.65	139	6.54	92.3
15:30	20.40	138	6.60	96.8
15:40	20.36	139	6.52	95.8
15:50	20.42	137	6.54	99.0
16:00	20.40	137	6.53	94.0
16:10	20.29	136	6.55	95.8
16:20	20.29	135	6.52	97.8
16:30	20.15	136	6.53	94.6
16:40	20.09	136	6.54	96.2
60 gal 16:50	20.17	136	6.54	98.3
17:00	20.12	136	6.54	95.6

H2O Level 25.48

Comments: Sampled @ 17:00 Pg. 4 of 4

Verified by: [signature] Date: 2-20-03