OCTOBER AND NOVEMBER 2002 STATUS REPORT

COLISEUM BOULEVARD PLUME INVESTIGATION

ALABAMA

DEPARTMENT OF TRANSPORTATION

January 22, 2003

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

October & November 2002
Status Report

Water Level Measurements

- October 16 and 17, November 19, 21, and 22, 2002: Depths to ground-water were measured in piezometers and monitoring wells associated with the Coliseum Boulevard Plume Investigation. Ground-water elevations on October 16 and 17, November 19 and 21, 2002 are provided in Tables 1a through 1f. Ground-water elevations on October 16, 17, and on November 19 and 21, 2002 in the 100-series "shallow zone" monitoring wells and piezometers are shown on Figures 1 and 3, respectively. Ground-water elevations on October 16 and 17 and on November 19 and 21, 2002 in the 200-series "shallow zone" monitoring wells are shown on Figures 2 and 4, respectively.

  Depths to ground-water in monitoring wells MW-101, 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 mini troll data logger in monitoring well MW-113, which malfunctioned in the past, was reinstalled on November 20, 2002; therefore, ground-water depths were not measured. The ground-water depths were downloaded on November 20 and 21, 2002. Data from the data loggers are downloaded monthly.

- October 17, November 21 and 22, 2002: Depths to ground-water were measured in continuous multi-channel tubing (CMT) wells on October 17, November 21 and 22, 2002 (see Table 2). Ground-water depths in CMT observation wells 6 and 7, which were installed during step tests at aquifer-test well PW-1, were measured with an electric water-level indicator on November 22, 2002.

Surface Water Sampling

- October 15, 2002: 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 5 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 in the attached compact disc – recordable (CD-R). Compliance point water samples CP-1 and CP-2 collected on October 15, 2002,

contained concentrations of trichloroethylene (TCE) of 1.3 μg/L (micrograms per liter), which is well below the action level concentration of 175 μg/L for TCE in surface water samples. There was no detectable TCE in the sample collected from CP-3. Concentrations at MP-1 and MP-2 were 1.6 μg/L and 5.5 μg/L, respectively. During sample collection, the water samples also were measured for temperature, pH, conductivity, dissolved oxygen, and turbidity (see Table 4).

Addendum 10 Probehole 12 Area Monitoring Work Plan

- October 1 – 17, 2002: Four shallow zone monitoring well clusters (MW-135A/MW-235B/MW-235C, MW-136A/MW-236B/MW-236C, MW-137A/MW-237B/MW-237C, and MW-138A/MW-238B/MW-238C), 2 aquifer-test wells (PW-1 and PW-2) and 5 CMT wells (CMT 3 through CMT 7) were constructed using sonic drilling methods. Three CMT wells (CMT 3, 4, and 5) were constructed to monitor different ground-water zones. CMT wells 6 and 7 were constructed as observation wells for aquifer tests performed in December 2002. The locations of these wells are shown on Plate 1 and on Figure 6. The construction characteristics of the monitoring wells and aquifer-test wells are provided in Table 5. The construction characteristics of the CMT wells are provided in Table 6. The boring logs of the wells are provided in the attached CD-R.

  Sediment samples were collected from the water table to the total depth of each of the boreholes for monitoring wells MW-235C, MW-236C, MW-237C, and MW-238C and CMT wells 3, 4 and 5. Sediment samples were collected from land surface to the total depth of the boreholes for CMT wells 6 and 7. Sediment samples were collected during the drilling and described by an on-site geologist. The sediment samples from all of these boreholes were collected inside FLUTe sleeves; there was no evidence of DNAPL.

  A sediment sample from each of five boreholes was analyzed for VOCs. The sediment samples collected from the boreholes for wells MW-235C, and CMT 5 and 7 were collected from the depths where there were slight colorations on the FLUTe sleeve. The sediment samples from the boreholes for wells MW-138A and CMT 4 were based on detections of ionizable vapors detected with a PID (photoionization detector). The sediment samples were collected into Encore samplers and transported, on ice, to **TTL's** laboratory for analyses. The results of the analyses for VOCs in the sediment samples are provided in Table 7. The concentrations of ionizable vapors in the sediment samples are provided on the boring logs.

  Pneumatic pumps were used to develop the 12 newly constructed monitoring wells and peristaltic pumps were used to develop the CMT wells. Aquifer-test wells PW-1 and PW-2 were developed with pneumatic pumps and by "air lift". Each well was developed

until field parameters (turbidity, pH, temperature, and conductivity) stabilized. Well PW-1, which was originally constructed on October 2, 2002, was replaced on October 18, 2002, because of an electric pump lodged in the well. Well development and sampling forms are provided in the attached CD-R.

Ground-water samples were collected from the 12 newly constructed monitoring wells and from CMT wells 3, 4, and 5 and analyzed for VOCs. The ground-water samples were collected after purging each well until field parameters had stabilized. Ground-water samples were collected from ports 3, 4, 5, 6, and 7 of CMT 3. Ports 1 and 2 of CMT 3 were not sampled because there was insufficient water. Ground-water samples were collected from ports 1 through 7 of CMT 4 and from ports 1, 2, and 3 of CMT 5. The concentrations of VOCs in these ground-water samples collected from the monitoring wells are provided in Table 8 and are shown on Plate 1. The concentrations of VOCs in the ground-water samples collected from the CMT wells 3, 4, and 5 are provided in Table 9. Ground-water samples were not collected from test wells PW-1 and PW-2 nor CMT wells 6 and 7 because they were installed for use only as observation wells for the aquifer tests.

- November 22, 2002: An eight hour step test was performed on test well PW-1, which is within the ALDOT Materials and Testing Laboratory building parking lot, by setting a 3-inch diameter Grundfos pump about 52 feet below land surface (about one foot above the bottom of the well). Pumping was 10 GPM (gallons per minute) for the first 2 hours of the test and then increased 10 GPM every 2 hours until a maximum pumping rate was established at 34 GPM. A transducer (in well PW-1) was used to record water levels in PW-1 during the test. An electronic water-level indicator was used to measure, about every 30 minutes, the depths to water in nearby monitoring wells MW-106/MW-206 and CMT wells (CMT 6 and CMT 7). The results of the step test were used to select the pump and pumping rate for the aquifer test at PW-1 in December 2002.

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

- October 17, 18, 21, and 22, 2002: Ground-water samples were collected from CMT wells 1 and 2. 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 6 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 well 1. A ground-water sample was not collected from port 4 of CMT well 1 because there was insufficient water in the port. Seven ground-water samples were collected from CMT well 2. The collected 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 Severn Trent Laboratories (STL) in Burlington, Vermont. Results for VOCs in the ground-water samples collected from the CMT wells are provided in Table 9. The results of the analyses for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous and total iron, methane, ethane, and ethene are provided in Table 10. Laboratory reports of these analyses and copies of well sampling forms are provided in the attached CD-R.

Third Quarterly Sampling Event (Addendum 06 Work Plan)

- October 1 - 16, 2002: Ground-water samples were collected from 68 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 in the field 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 8. The concentrations of total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous and total iron, methane, ethane, and ethene are provided in Table 11. The concentrations of VOCs in ground-water samples from the monitoring wells are shown on Plate 1 and Figure 6. Laboratory reports of the results of the analyses of the ground-water samples collected during the month of October 2002 are provided in 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 month of October 2002 are provided in the Monitoring Well Sampling Forms in the attached CD-R.

- October 3, 7, 9, 14, and 16, 2002: Ground-water samples were collected from 11 monitoring wells (MW-2A, MW-3A, MW-106, MW-130, MW-131, MW-206, 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 12. Laboratory reports of the results of the analyses for TOC in the ground-water samples are provided in the attached CD-R.

Water Treatment

October and November: Water accumulated during cleaning of equipment and purging and sampling of monitoring wells during the month of October and November 2002, was treated through a liquid-phase carbon filter treatment system at the ALDOT staging area. A total of 7,911 and 9,950 gallons of water were treated in October and November, respectively (see Table 13). Approximately 7,000 gallons of the total 9, 950 gallons of water in the month of November was pumped from well PW-1. The 7,000 gallons of water was pumped into a 21, 000-gallon frac tank positioned adjacent to the well during the step test event. On November 26, 2002, the water in the frac tank was pumped into another frac tank and transported to the ALDOT staging area where it was treated using **TTL**'s water treatment system. The treated water was discharged into the sanitary sewer at the staging area. 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 13. Laboratory reports of the analytical results for samples collected in October and November 2002 are in the attached CD-R.

Investigation Derived Waste

- November 4, 2002: Sludge and soil/sediment generated during construction of monitoring wells and CMT wells were placed in a roll off box located at the staging area at the ALDOT. Samples of the sludge and soil/sediment were collected and analyzed for TCE. TCE was not detected in the sludge and soil/sediment samples. The laboratory reports of these results are provided in the attached CD-R.

- November 27, 2002: During removal of a hose from the frac tank containing water recovered during the step test, approximately 10 gallons of water inadvertently spilled from the hose onto the asphalt parking lot of the ALDOT Materials and Test laboratory. The water seeped into a shallow surface water drainage ditch adjacent to the parking lot. The bottom of the ditch was excavated about 6-inches. Approximately four cubic feet of soil was excavated from the bottom of the ditch and placed into the roll-off box at the ALDOT staging area. After excavation, four soil samples (identified as ALDOT drainage Ditch #1 through #4) were collected from along the surface of the excavation and analyzed for VOCs. Results of these analyses are provided in Table 14. TCE was not detected in any of the soil samples. Laboratory reports of the analyses are provided in the attached CD-R.

Low – Lying Area (Addendum 04 Work Plan)

- October 31, 2002: Soil/sediment samples were collected at 8 "low-lying area" locations identified as locations I through P (see Figure 7). Soil/sediment samples were collected at various depths ranging from 6 to 12 inches below land surface. Surface water samples were collected at 7 of the 8 locations identified as locations I, J, K, L, N, O and P (see Figure 8). No surface water sample was collected at location M, because although the soil was saturated, there was no standing water present. These soil/sediment and surface water samples were analyzed for VOCs, and the results are provided in Tables 15 and 16, respectively. Laboratory reports of these analyses are provided in the attached CD-R.

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

- November 11 – 14 and November 25, 2002: The second 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 samples were analyzed by Pace Analytical Laboratory. Quality assurance / quality control samples were analyzed by York Laboratory. Results of the analyses of the samples are currently pending quality assurance / quality control review. The laboratory results will be provided in the December 2002 Status Report.

Quality Assurance/Quality Control

- During field activities in October and November 2002, quality assurance/quality control measures were performed. During the third quarterly ground-water sampling event conducted in October 2002, randomly selected duplicate ground-water samples were collected from monitoring wells MW-1A, MW-4A, MW-101, MW-109, MW-205, MW-213, MW-228, MW-231, and MW-237B, and analyzed for VOCs, total alkalinity, chloride, 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 8 and 11). Ground-water samples also were collected from monitoring wells MW-108, MW-109, MW-116, MW-205, MW-209, and MW-304 and shipped to **TTL**'s laboratory to be analyzed for total iron for quality assurance/quality control purposes (see Table 11). Equipment rinse samples were collected and trip blank samples accompanied water samples that were submitted for analyses for VOCs in October and November 2002. Results of the analyses for VOCs in the rinse and trip blank samples for October and November 2002 are provided in Table 17. Laboratory reports of the analyses are provided in the attached CD-R.

TABLES

Table 1a. Ground-water elevations in ALDOT wells during the last 12 month period; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (ALDOT Central Complex)									
	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	
Elevation of Measuring Point (ft. AMSL)[1]	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)									
10/3/01	196.08	196.19	195.91	195.79	195.59	195.50	195.53	196.25	196.16	
10/31/01	196.39	195.86	195.60	195.19	195.23	195.16	195.21	195.92	195.80	
12/03/01[2]	195.32	195.39	195.20	195.01	194.86	195.25	194.95	195.52	195.33	
12/14/01	NM[3]	NM	195.09	NM	NM	NM	NM	NM	NM	
12/27/01	195.06	195.19	195.05	194.89	194.70	195.68	194.70	195.30	195.09	
1/11/02	NM	NM	194.97	NM	NM	NM	NM	NM	NM	
1/21-22/02	194.81	195.01	194.94	194.78	194.48	195.58	194.46	195.32	194.92	
2/14/02	NM	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	

Notes:

[1] Feet above mean sea level

[2] Depths to water for November 2001 were measured on December 3, 2001 due to scheduling conflicts.

[3] NM - Not measured

Table 1b. Ground-water elevations in piezometers during the last 12 month period; October & November 2002 Status Report; Coliseum Blvd. 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)									
10/3/01	196.17	195.70	196.15	190.39	195.59	195.58	194.95	193.06	194.97	189.69
10/15/01	NM[2]	NM	NM	NM	NM	NM	NM	NM	NM	NM
10/31/01	195.39	195.25	195.78	187.99	195.07	195.05	194.26	192.40	194.53	189.10
12/03/01[3]	---[4]	191.50	195.49	188.28	194.62	194.69	NM	191.81	193.91	188.42
12/14/01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
12/27/01	195.01	194.99	195.07	188.93	194.82	194.76	193.90	191.75	193.63	188.08
1/11/02	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
1/21-22/02	194.83	191.85	195.00	188.47	194.88	194.80	193.21	191.37	193.52	188.15
2/14/02	NM	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[5]	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[6]	193.45	192.39	190.17	191.90	186.03
11/19 & 21/02	193.65	194.21	193.66	186.60	NM[6]	193.87	192.84	190.52	191.77	186.04

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Table 1b. Ground-water elevations in piezometers during the last 12 month period; October & November 2002 Status Report; Coliseum Blvd. 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[7]				
	212.26	207.95	204.54	220.37	193.44	203.95				
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
10/3/01	195.26	195.00	195.19	183.12	186.78	NI[8]				
10/15/01	NM	NM	NM	NM	188.29	NI				
10/31/01	194.62	194.75	194.63	182.59	186.70	NI				
12/3/01[3]	194.36	194.65	194.44	182.02	186.75	NI				
12/14/01	NM	NM	NM	NM	187.04	NI				
12/27/01	194.46	194.95	194.62	181.54	186.99	NI				
1/11/02	NM	NM	NM	NM	186.93	NI				
1/21-22/02	194.63	194.85	189.30	181.82	187.03	NI				
2/14/02	NM	NM	NM	NM	187.59	NI				
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				

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Table 1b. Ground-water elevations in piezometers during the last 12 month period; October & November 2002 Status Report; Coliseum Blvd. 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)									
10/3/01	195.45	194.94	191.98	194.05	193.27	192.13	202.94	188.96	190.48	185.31
10/15/01	195.37	195.09	191.92	193.72	193.01	191.93	192.84	191.16	NM	188.59
10/31/01	195.16	194.84	191.74	193.55	192.86	191.76	192.69	188.84	190.12	185.12
12/3/01[3]	194.82	194.64	191.60	193.35	192.71	191.51	192.35	188.75	189.95	185.09
12/14/01	194.87	194.64	191.97	193.64	193.06	191.49	192.38	188.96	190.33	185.07
12/27/01	194.75	194.63	191.87	193.46	192.85	191.67	192.68	191.81	190.20	185.10
1/11/02	194.57	194.44	192.01	191.95	192.94	191.62	192.39	188.71	190.19	185.03
1/21-22/02	194.55	189.29	192.37	192.03	188.51	192.04	192.69	188.76	190.56	184.79
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	----[9]	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

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Table 1b. Ground-water elevations in piezometers during the last 12 month period; October & November 2002 Status Report; Coliseum Blvd. Plume Investigation; Montgomery, Alabama.

	Well Identifier (Piezometers) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	PD-107	PD-108	PD-109							
	205.63	205.58	204.59							
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
10/3/01	188.03	Abandoned	Dry							
10/15/01	193.88		Dry							
10/31/01	188.01		Dry							
12/3/01[3]	193.13		Dry							
12/14/01	188.18		Dry							
12/27/01	187.99		Dry							
1/11/02	187.78		Dry							
1/21-22/02	187.85		Dry							
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							

Notes:

[1] Feet above mean sea level

[2] NM - Not measured

[3] Depths to water in November 2001 were measured on December 3, 2001 due to scheduling conflicts.

[4] PZ-1 was not measured on 12/3/01 because a car was parked over the piezometer.

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

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

[7] 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.

[8] NI - Not installed. PZ-17 was installed on May 30, 2002.

[9] 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").

Table 1c. Ground-water elevations in Alfa monitoring wells during the last 12 month period; October & November 2002 Status Report; Coliseum Blvd. 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)									
10/3/01	195.08	193.67	195.87	203.14	186.70					
10/15/01	NM[2]	NM	NM	NM	186.72					
10/31/01	195.27	196.37	194.41	194.88	186.84					
12/03/01[3]	194.43	193.24	195.04	194.47	186.51					
12/14/01	NM	NM	NM	NM	185.92					
12/27/01	194.38	193.61	194.99	194.29	186.98					
1/11/02	NM	NM	NM	NM	186.87					
1/22/02	194.38	191.40	197.83	194.18	187.24					
2/14/02	NM	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					

Notes:

[1] Feet above mean sea level

[2] NM - Not measured

[3] Depths to water in November 2001 were measured on December 3, 2001 due to scheduling conflicts.

Table 1d. Ground-water elevations in monitoring wells along Kilby Ditch during the last 12 month period; October & November 2002 Status Report; Coliseum Blvd. Plume Investigation; Montgomery, Alabama.

	Well Identifier (Monitoring Wells Kilby Ditch)									
	MW-101[2]	MW-201	MW-102	MW-202	MW-103	MW-203	OW-2	OW-3	OW-4	Pump Test Well
Elevation of Measuring Point (ft. AMSL)[1]	202.44	202.43	200.49	200.64	206.81	206.91	203.05	203.53	200.52	206.01
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
10/3/01	193.84	193.77	190.29	190.10	192.32	192.25	193.85	193.93	Abandoned	196.93
10/15/01	193.74	193.67	190.57	190.14	192.27	192.16	193.77	193.78		196.90
10/31/01	193.60	193.51	190.29	190.08	192.08	192.00	193.62	193.63		196.76
12/3/01[3]	193.19	193.30	190.28	190.14	190.98	191.71	193.39	193.13		196.57
12/14/01	193.64	194.06	190.60	190.44	191.79	191.74	193.61	193.63		196.79
12/27/01	193.49	193.43	190.67	190.38	191.96	191.86	193.50	193.53		196.65
1/11/02	193.48	193.43	190.69	190.39	191.96	191.84	193.50	193.39		196.64
1/22/02	193.79	193.70	191.29	190.83	192.55	192.20	193.35	193.78		196.96
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

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

[3] Depths to water in November 2001 were measured on December 3, 2001 due to scheduling conflicts.

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; October & November 2002 Status Report; Coliseum Blvd. 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)									
10/3/01	NI[2]	NI	195.22	NI	NI	NI	NI	NI	NI	
10/31/01	NI	NI	194.94	NI	NI	NI	NI	NI	NI	
12/03/01[3]	NI	NI	194.54	NI	NI	NI	NI	NI	NI	
12/27-28/01	194.75	194.76	194.38	195.21	195.20	195.14	195.17	195.18	195.14	
1/21-22/02	194.47	194.51	194.23	195.03	195.04	194.89	194.95	194.98	195.00	
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	

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Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; October & November 2002 Status Report; Coliseum Blvd. Plume Investigation; Montgomery, Alabama.

	Well Identifier (100-, 200-, and 300- Series Monitoring Wells) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	MW-108	MW-208	MW-109	MW-209	MW-210	MW-111	MW-211	MW-311	MW-112	MW-212
	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)									
10/3/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
10/31/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
12/03/01[3]	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
12/27-28/01	195.09	195.11	195.26	195.21	185.76	173.52	173.30	NI	191.61	191.65
1/21-22/02	195.03	195.06	195.05	195.10	185.59	173.17	172.95	NI	191.63	191.55
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[4]	NM[4]	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

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Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; October & November 2002 Status Report; Coliseum Blvd. Plume Investigation; Montgomery, Alabama.

	Well Identifier (100-, 200-, and 300- Series Monitoring Wells) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	MW-113[5]	MW-213	MW-214	MW-214A	MW-115[5]	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)									
10/3/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
10/31/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
12/03/01[3]	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
12/27-28/01	194.97	194.96	167.75	166.11	194.68	194.17	185.58	185.47	182.57	182.06
1/21-22/02	195.17	195.07	169.93	166.69	194.74	194.21	185.69	185.53	181.73	181.56
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

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Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; October & November 2002 Status Report; Coliseum Blvd. 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)									
10/3/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	
10/31/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	
12/03/01[3]	NI	NI	NI	NI	NI	NI	NI	NI	NI	
12/28/01	191.44	191.34	193.48	193.28	166.78	194.15	194.06	194.28	194.20	
1/21-22/02	191.62	191.53	194.55	193.22	166.68	194.04	193.77	194.02	193.97	
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[6]	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	

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Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; October & November 2002 Status Report; Coliseum Blvd. 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)									
10/3/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
10/31/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
12/03/01[3]	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
12/28/01	189.71	190.08	188.71	188.78	188.66	194.39	191.41	191.42	194.58	194.22
1/21-22/02	190.11	190.13	188.81	188.83	188.79	194.44	191.31	191.26	194.56	194.55
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[7]	189.52[7]
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

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Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; October & November 2002 Status Report; Coliseum Blvd. Plume Investigation; Montgomery, Alabama.

	Well Identifier (100-, 200-, and 300- Series Monitoring Wells) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	MW-130[5]	MW-230	MW-131[5]	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)									
10/3/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
10/31/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
12/03/01[3]	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
12/27-28/01	194.37	194.38	194.87	194.89	193.00	192.96	194.42	194.49	194.07	194.06
1/21-22/02	194.29	194.31	195.01	195.04	192.75	192.66	194.59	194.43	193.88	194.01
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

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Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; October & November 2002 Status Report; Coliseum Blvd. 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)									
10/3/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	
10/31/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	
12/03/01[3]	NI	NI	NI	NI	NI	NI	NI	NI	NI	
12/27-28/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	
1/21-22/02	NI	NI	NI	NI	NI	NI	NI	NI	NI	
2/25-26/02	NI	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	

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Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; October & November 2002 Status Report; Coliseum Blvd. 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)									
10/3/01	NI	NI	NI							
10/31/01	NI	NI	NI							
12/03/01[3]	NI	NI	NI							
12/27-28/01	NI	NI	NI							
1/21-22/02	NI	NI	NI							
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							

Notes:

[1] Feet above mean sea level. Elevations of land surface and measuring points of monitoring wells were surveyed by Larry E. Speaks & Associates.

[2] NI - Not installed. Monitoring wells MW-104 through MW-234 were not installed prior to December 27, 2001. Monitoring well MW-311 was installed on February 25, 2002. Cluster monitoring wells MW-135, MW-136, MW-137, and MW-138-series wells were installed in October 2002.

[3] Depths to water in November 2001 were measured on December 3 , 2001 due to scheduling conflicts.

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

[5] 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.

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

[7] 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.

Table 1f. Ground-water elevations in Pump test wells during the last 12 month period; October & November 2002 Status Report; Coliseum Blvd. 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)									
10/3/01	NI[2]	NI								
10/31/01	NI	NI								
12/3/2001	NI	NI								
12/27-28/01	NI	NI								
1/21-22/02	NI	NI								
2/25-26/02	NI	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								

Notes:

[1] Feet above mean sea level. Elevations of land surface and measuring points of monitoring wells were surveyed by Larry E. Speaks & Associates.

[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; October & November 2002 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			

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Table 2. Historical ground-water elevations in CMT (continuous multi-channel) wells; October & November 2002 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			

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Table 2. Historical ground-water elevations in CMT (continuous multi-channel) wells; October & November 2002 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			

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Table 2. Historical ground-water elevations in CMT (continuous multi-channel) wells; October & November 2002 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	55.8			
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			

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Table 2. Historical ground-water elevations in CMT (continuous multi-channel) wells; October & November 2002 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]	

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 April 4, 2002.

[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); October & November 2002 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 5.]

	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]			Monitoring only	
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	----

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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); October & November 2002 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 5.]

	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]			Monitoring only	
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); October & November 2002 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 5.]

	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]			Monitoring only	
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

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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); October & November 2002 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 5.]

	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]			Monitoring only	
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
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

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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); October & November 2002 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 5.]

	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]			Monitoring only		
August 22, 2001 (3:30 p.				**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.				**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
August 23, 2001 (8:30 a.				**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	----

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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); October & November 2002 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 5.]

	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]			Monitoring only		
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
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

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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); October & November 2002 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 5.]

	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]			Monitoring only		
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); October & November 2002 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 5.]

	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]			Monitoring only		
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

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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); October & November 2002 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 5.]

	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]			Monitoring only		
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
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

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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); October & November 2002 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 5.]

	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]			Monitoring only	
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

Notes:

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

[1] Samples analyzed 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 for the laboratory analyses

[3] the surface water 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); October & November 2002 Status Report; Coliseum Boulevard Plume Project; Montgomery, Alabama.

Sample Identifier[2]	Former Location Identifier	Sample Date	Temperature °C[3]	Specific Conductance (mmhos) [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
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
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
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
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

Notes:

[1] All field parameters were measured with a YSI multi-parameter (556 MPS) meter.
[2] CP - Compliance Point, MP - Monitoring Point
[3] Degrees Celsius
[4] Micromhos
[5] Standard units
[6] milligrams per liter
[7] nephelometric turbidity units

Table 5. Construction characteristics of monitoring wells and pump test wells; October & November 2002 Status Report; Coliseum Boulevard Plume; Montgomery, Alabama.

Well I.D.	Date Augered/ Constructed	Total Depth (ft. BLS)[1]	Diameter of Borehole (Inches)	Diameter of PVC Casing (Inches)	Screened Interval (ft. BLS)	Slot Size of Screen (Inches)	Sand Pack (ft. BLS)	Bentonite Pellet Seal (ft. BLS)	Cement/ Bentonite Seal (ft. BLS)
MW-135A	9/30/02	36	6	2	31-35.5	0.010	29-36	27-29	0.5-27
MW-235B	10/1/02	45	6	2	40-44.5	0.010	37.5-45	35.5-37.5	0.5-35.5
MW-235C	10/1/02	55	6	2	50-54.5	0.010	48-55	46-48	0.5-46
MW-136A	10/4/02	25	6	2	20-24.5	0.010	18-25	16-18	0.5-16
MW-236B	10/3/02	32	6	2	27-31.5	0.010	25-32	23-25	0.5-23
MW-236C	10/9/02	39	6	2	34-38.5	0.010	32-39	30-32	0.5-30
MW-137A	10/7/02	37	6	2	32-36.5	0.010	30-37	28-30	0.5-28
MW-237B	10/7/02	46	6	2	41-45.5	0.010	39-46	37-39	0.5-37
MW-237C	10/10/02	53	6	2	48-52.5	0.010	46-53	44-46	0.5-44
MW-138A	10/10/02	39	6	2	34-38.5	0.010	32-39	30-32	0.5-30
MW-238B	10/11/02	49	6	2	44-48.5	0.010	42-49	40-42	0.5-40
MW-238C	10/14/02	55	6	2	50-54.5	0.010	48-55	46-48	0.5-46
PW-1[2]	10/2/02	53.5	8	4	33.5-53	0.015	31-53.5	29-31	0.5-29
PW-2[2]	10/3/02	39	8	4	19-38.5	0.015	17-39	15-17	0.5-15

Notes:

[1] Feet below land surface.

[2] Pump test well. 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.

Table 6
Montgomery, Alabama.

CMT Well I.D.	Date Constructed	Total Depth (ft. BLS)[1]	Diameter of Borehole (inches)	Diameter of CMT (inches)	Port/Channel ID	Port/Channel Intervals (ft. BLS)	Sand Pack (ft. BLS)	Bentonite Pellet Seal (ft. BLS)	Cement/Bentonite Seal (ft. BLS)
CMT 3	10/17/02	59	6	1.7	1	26-28	25-29	23-25	0.5-23
					2	31-33	30-34	29-30	
					3	36-38	35-39	34-35	
					4	41-43	40-44	39-40	
					5	46-48	45-49	44-45	
					6	51-53	50-54	49-50	
					7	58.8	55-59	54-55	
CMT 4	10/16/02	56	6	1.7	1	23-26	22-27	20-22	0.5-20
					2	29-32	28-33	27-28	
					3	35-37	34-38	33-34	
					4	40-42	39-43	38-39	
					5	45-48	44-49	43-44	
					6	51-54	50-55	49-50	
					7	55.8	55-56	---[4]	
CMT 5[2]	10/9/02	39	6	1.7	1	21-24	19.5-25	17.5-19.5	0.5-17.5
					2	28-31	27-32	25-27	
					3	35-38	33.5-39	32-33.5	
CMT 6[3]	10/15/02	54	6	1.7	1	26-30	25-31	23-25	0.5-23
					2	36-52	34-54	31-34	
CMT 7[3]	10/8/02	54	6	1.7	1	26-30	25-31	23-25	0.5-23
					2	36-52	34-54	31-34	

Notes:

[1] Feet below land surface.

[2] CMT serving as an observation well near PW2.

[3] CMT serving as an observation well near PW1.

[4] Due to insufficient space between ports 6 and 7 and the need to anchor the CMT within a sufficient sand pack, a bentonite seal was not placed between ports 6 and 7 of CMT 4.

Table 7. Results of analyses for volatile organic compounds (VOCs)[1] detected in soil/sediment samples collected from monitoring wells and CMT wells; October & November 2002; Coliseum Boulevard Plume; Montgomery, Alabama.

(Concentrations are in micrograms per kilogram [mg/kg])

Boring/ Well ID	Depth of Sample (ft. BLS)[2]	Sample Date	Trichloroethylene	Vinyl Chloride	1, 1 Dichloroethene	Tetrachloroethylene	1, 1 Dichloroethane	cis-1,2-Dichloroethene	Chloroform	1, 1, 1-Trichloroethane	Carbon Tetrachloride	Trans-1,2-Dichloroethene	Toluene	Methylene Chloride
			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]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]
MW-138A	38	10/10/02	942	ND[4]	18.1J[5]	ND	ND	ND	ND	ND	8.0J	ND	4.0J	3.0J
MW-235C	34.5	10/1/02	36.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CMT 4	35.5	10/16/02	197	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CMT 5	22.5	10/9/02	4.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.1J	ND
CMT 7	38	10/8/02	10.5J	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] ft. BLS - feet below land surface

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

[4] ND - Not detected

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

Table 8. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Identifier	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1-Dichloroethene	Methylene Chloride	1,1-Dichloroethane	Cis-1,2-Dichloroethene	Chloroform	1,1,1-Trichloroethane	Carbon Tetrachloride	Benzene	Bromodichloromethane	Tetrachloroethylene	Dibromochloromethane	Bromoform
		[Concentrations are 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]	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 [3]
MW-1A	11/18/1999	952	ND[3] (<10.0)	ND (<2.0)	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)	ND (<5.0)
	4/11/2002	1,140	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)	ND (<2.5)
	7/12/2002	1,130	ND	ND	5.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/8/2002	1,170	ND (<2.5)	ND (<2.5)	6.6J	7.3J	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 dup[5]	10/8/2002	1,100	ND (<2.5)	ND (<2.5)	6.1J	7.3J	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)	1.12	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
	4/15/2002	14.6J	ND	ND	1.1J	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND
	7/11/2002	16.6J	1.1J	ND	1.2J	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND
	10/9/2002	16.2J	ND	ND	1.1J	ND	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND
MW-3A	11/18/1999	297	ND (<10.0)	ND (<2.0)	17.72	ND (<5.0)	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)
	4/11/2002	279	ND	ND	6.3J	ND	ND	ND	ND	ND	3.0J	ND	ND	ND	ND	ND
	7/12/2002	167	ND	ND	5.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/9/2002	365	ND	ND	24.3	ND	ND	ND	1.3J	ND	6.1J	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)
	4/11/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/12/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/9/2002	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
MW-5A	11/18/1999	30.1	ND (<10.0)	ND (<2.0)	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)	ND (<5.0)	ND (<5.0)
	4/11/2002	37.6	ND	ND	ND	ND	ND	7.0J	ND	ND	ND	ND	ND	ND	ND	ND
MW-5A dup	4/11/2002	34.6	ND	ND	ND	ND	ND	7.4J	ND	ND	ND	ND	ND	ND	ND	ND
	7/12/2002	25.7	1.3J	ND	ND	ND	ND	8.8J	ND	ND	ND	ND	ND	ND	ND	ND
	10/9/2002	18.5J	ND	ND	ND	ND	ND	9.1J	ND	ND	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
	8/1/2001	101	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/10/2002	62.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/10/2002	41.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/8/2002	43.9	1.2J	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

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Table 8. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Identifier	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1-Dichloroethene	Methylene Chloride	1,1-Dichloroethane	Cis-1,2-Dichloroethene	Chloroform	1,1,1-Trichloroethane	Carbon Tetrachloride	Benzene	Bromodichloromethane	Tetrachloroethylene	Dibromochloromethane	Bromoform
		[Concentrations are 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]	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 [3]
MW-201	5/24/2001	797	ND	ND	4.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/1/2001	914	ND	ND	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/10/2002	971	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)	ND (<2.0)
	7/10/2002	936	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)	ND (<2.5)
	10/8/2002	1,050	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)	ND (<2.5)
MW-102	5/23/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/2/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/10/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/10/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/8/2002	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	1.5	ND	ND	ND	ND
	8/1/2001	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/10/2002	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1J	ND	ND	ND	ND
	7/10/2002	1.3J	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/8/2002	1.5J	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
	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/10/2002	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
MW-103	7/10/2002	ND	1.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/8/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-203	5/24/2001	946	ND	ND	5.1	ND	ND	1.7	ND	ND	ND	ND	ND	ND	ND	ND
	8/2/2001	1,060	ND	ND	5.8	ND	ND	2.4	ND	ND	ND	ND	ND	ND	ND	ND
	4/10/2002	1,110	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)	ND (<2.0)
	7/11/2002	1,060	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)	ND (<2.0)
	10/8/2002	1,110	ND	ND	4.3J	1.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-104	1/22/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/8/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/8/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/2/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Continued on next page

Table 8. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Identifier	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1-Dichloroethene	Methylene Chloride	1,1-Dichloroethane	Cis-1,2-Dichloroethene	Chloroform	1,1,1-Trichloroethane	Carbon Tetrachloride	Benzene	Bromodichloromethane	Tetrachloroethylene	Dibromochloromethane	Bromoform
		[Concentrations are 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]	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 [3]
MW-204	11/9/2001	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND
	4/8/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/8/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/2/2002	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
	4/15/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/8/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/2/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-105	10/31/2001	28.6	ND	ND	ND	ND	ND	ND	2.2	ND	ND	ND	ND	ND	ND	ND
	11/16/2001	28.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/8/2002	7.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/8/2002	19.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/1/2002	36.9	ND	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-205	10/31/2001	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND
	4/8/2002	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
MW-205	7/8/2002	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
MW-205	10/1/2002	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
MW-106	11/17/2001	1,730	ND	ND	12.5	ND	3.4	7.2	4.0	14.6	7.4	ND	ND	1.1	ND	ND
	4/4/2002	1,860	ND (<5.0)	ND (<5.0)	ND (<5.0)	11.5B[6]	ND (<5.0)	17.6J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
	7/9/2002	1,900	ND	ND	8.7J	ND	ND	18.2J	ND	ND	ND	ND	ND	ND	ND	ND
	10/3/2002	1,690	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)	ND (<5.0)	ND (<5.0)
MW-206	11/8/2001	1.3	ND	ND	ND	ND	ND	ND	3.6	ND	ND	ND	ND	ND	ND	ND
	4/5/2002	ND	ND	ND	ND	1.7B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/9/2002	ND	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/3/2002	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Table 8. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Identifier	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1-Dichloroethene	Methylene Chloride	1,1-Dichloroethane	Cis-1,2-Dichloroethene	Chloroform	1,1,1-Trichloroethane	Carbon Tetrachloride	Benzene	Bromodichloromethane	Tetrachloroethylene	Dibromochloromethane	Bromoform
		[Concentrations are 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]	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 [3]
MW-107	11/16/2001	233	ND	ND	1.3	ND	ND	ND	2.4	ND	ND	ND	ND	ND	ND	ND
	4/4/2002	141	ND	ND	ND	1.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/9/2002	114	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/2/2002	76.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-207	11/16/2001	259	ND	ND	6.0	ND	ND	ND	5.8	ND	ND	ND	1.2	ND	ND	ND
	4/4/2002	226	ND	ND	5.8J	1.8B	ND	ND	1.6J	ND	ND	ND	ND	ND	ND	ND
	7/9/2002	108	ND	ND	3.9J	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND
	10/2/2002	87.0	ND	ND	3.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-108	11/17/2001	227	ND	ND	<1.0	ND	ND	6.5	ND	ND	ND	ND	ND	ND	ND	ND
	4/5/2002	169	ND	ND	ND	1.7B	ND	4.1J	ND	ND	ND	ND	ND	ND	ND	ND
	7/9/2002	181	1.5J	ND	ND	ND	ND	4.0J	ND	ND	ND	ND	ND	ND	ND	ND
	10/2/2002	ND	ND	218	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.2J
MW-208	11/16/2001	342	ND	ND	1.6	ND	ND	ND	1.3	ND	ND	ND	ND	ND	ND	ND
	4/5/2002	328	ND	ND	1.2J	1.6B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/9/2002	338	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/2/2002	340	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-109	11/30/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/15/2002	ND	ND	ND	ND	1.6B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/9/2002	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/2/2002	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	1.6	ND	ND	ND	ND	ND	ND	ND
	4/15/2002	ND	ND	ND	ND	1.6B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/9/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/2/2002	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	10.6	ND	ND	ND	ND	ND	ND	ND	ND
	4/16/2002	18.8J	ND	ND	ND	ND	ND	15.9J	ND	ND	ND	ND	ND	ND	ND	ND
	7/15/2002	ND	2.2J	ND	ND	ND	ND	7.6J	ND	ND	ND	ND	ND	ND	ND	ND
MW-210 dup	7/15/2002	1.2J	2.1J	ND	ND	ND	ND	7.7J	ND	ND	ND	ND	ND	ND	ND	ND
MW-210	10/3/2002	ND	ND	ND	ND	ND	ND	13.8J	ND	ND	ND	ND	ND	ND	ND	ND

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Table 8. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Identifier	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1-Dichloroethene	Methylene Chloride	1,1-Dichloroethane	Cis-1,2-Dichloroethene	Chloroform	1,1,1-Trichloroethane	Carbon Tetrachloride	Benzene	Bromodichloromethane	Tetrachloroethylene	Dibromochloromethane	Bromoform
		[Concentrations are 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]	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 [3]
MW-111	11/17/2001	12.0	ND	ND	ND	ND	ND	ND	21.0	ND	ND	ND	ND	ND	ND	ND
	4/18/2002	20.9	ND	ND	ND	1.6B	ND	ND	6.0J	ND	ND	ND	ND	ND	ND	ND
	7/17/2002	18.7J	1.2J	ND	ND	ND	ND	ND	18.0J	ND	ND	ND	ND	ND	ND	ND
	10/10/2002	24.8	ND	ND	ND	ND	ND	ND	4.6J	ND	ND	ND	ND	ND	ND	ND
MW-211	11/8/2001	22.4	ND	ND	2.3	ND	ND	ND	21.0	ND	ND	ND	ND	ND	ND	ND
	4/18/2002	22.7	ND	ND	1.8J	1.5B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/17/2002	23.4	1.3J	ND	1.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/10/2002	18.7J	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-311	2/14/2002	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND
	4/18/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/17/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/11/2002	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	2.0J	ND	ND	ND	ND	ND	ND	ND
	4/17/2002	ND	1.1J	ND	ND	2.2B	ND	ND	1.7J	ND	ND	ND	ND	ND	ND	ND
	7/16/2002	ND	1.3J	ND	ND	ND	ND	ND	1.5J	ND	ND	ND	ND	ND	ND	ND
	10/4/2002	ND	ND	ND	ND	ND	ND	ND	1.2J	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
	4/17/2002	ND	ND	ND	ND	2.4B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/16/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/4/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-113	1/16/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/16/2002	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
MW-113	7/15/2002	ND	2.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/3/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-213	1/16/2002	131	ND	ND	7.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/16/2002	101	ND	ND	3.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/15/2002	102	1.6J	ND	5.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/2/2002	114	ND	ND	6.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-213 dup	10/2/2002	113	ND	ND	6.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Table 8. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Identifier	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1-Dichloroethene	Methylene Chloride	1,1-Dichloroethane	Cis-1,2-Dichloroethene	Chloroform	1,1,1-Trichloroethane	Carbon Tetrachloride	Benzene	Bromodichloromethane	Tetrachloroethylene	Dibromochloromethane	Bromoform
		[Concentrations are 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]	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 [3]
MW-214	1/31/2002	ND	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-214 A	1/11/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-214 A dup	1/11/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-214 A	4/19/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/15/2002	ND	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/3/2002	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	ND	40.4	ND	ND	ND	2.3J	ND	ND	ND
	4/19/2002	3.2J	ND	ND	ND	ND	ND	ND	44.2	ND	ND	ND	ND	ND	ND	ND
	7/18/2002	ND	1.7J	ND	ND	ND	ND	ND	18.0J	ND	ND	ND	ND	ND	ND	ND
	10/14/2002	ND	ND	ND	ND	ND	ND	ND	26.0	ND	ND	ND	1.9J	ND	ND	ND
MW-215	1/4/2002	3.8J	ND	ND	1.8J	ND	ND	ND	44.0	ND	ND	ND	5.4J	ND	1.1J	1.1J
	4/22/2002	5.4J	ND	ND	1.8J	ND	ND	ND	37.0	ND	ND	ND	3.3J	ND	ND	ND
	7/18/2002	4.0J	ND	ND	1.5J	ND	ND	ND	49.2	ND	ND	ND	3.4J	ND	ND	ND
	10/14/2002	6.1J	ND	ND	1.4J	ND	ND	ND	39.3	ND	ND	ND	1.3J	ND	ND	ND
MW-116	12/7/2001	8.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/17/2002	6.5J	ND	ND	ND	2.4B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/16/2002	7.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/4/2002	6.0J	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
MW-216 dup	12/11/2001	12.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-216	4/17/2002	15.4J	ND	ND	ND	2.4B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/16/2002	16.2J	1.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/4/2002	19.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-117	1/30/2002	43.1	ND	ND	1.6J	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND
	4/18/2002	42.0	ND	ND	1.4J	1.5B	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND
	7/17/2002	36.3	1.5J	ND	1.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/10/2002	38.2	ND	ND	1.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Table 8. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Identifier	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1-Dichloroethene	Methylene Chloride	1,1-Dichloroethane	Cis-1,2-Dichloroethene	Chloroform	1,1,1-Trichloroethane	Carbon Tetrachloride	Benzene	Bromodichloromethane	Tetrachloroethylene	Dibromochloromethane	Bromoform
		[Concentrations are 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]	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 [3]
MW-217	1/4/2002	23.3	ND	ND	2.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-217 dup	1/4/2002	24.4	ND	ND	2.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-217	4/18/2002	21.6	ND	ND	1.2J	1.5B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/17/2002	23.2	ND	ND	2.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/7/2002	26.8	ND	ND	2.7J	ND	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
	4/19/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/18/2002	ND	3.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/14/2002	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	1.1J	ND	ND	ND	ND	ND	ND	ND
	4/19/2002	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND
	7/18/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/3/2002	ND	ND	ND	ND	1.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/14/2002	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
	4/16/2002	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
MW-219	7/16/2002	ND	2.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/3/2002	ND	ND	ND	ND	1.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-220	12/12/2001	ND	ND	ND	ND	ND	ND	ND	3.2J	ND	ND	ND	ND	ND	ND	ND
	4/25/2002	ND	ND	ND	ND	ND	ND	ND	2.1J	ND	ND	ND	ND	ND	ND	ND
	7/17/2002	ND	1.3J	ND	ND	ND	ND	ND	1.3J	ND	ND	ND	ND	ND	ND	ND
	10/10/2002	ND	ND	ND	ND	ND	ND	ND	1.2J	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
	4/22/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/19/2002	ND	1.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/16/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Table 8. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Identifier	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1-Dichloroethene	Methylene Chloride	1,1-Dichloroethane	Cis-1,2-Dichloroethene	Chloroform	1,1,1-Trichloroethane	Carbon Tetrachloride	Benzene	Bromodichloromethane	Tetrachloroethylene	Dibromochloromethane	Bromoform
		[Concentrations are 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]	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 [3]
MW-122	12/19/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/25/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/17/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/10/2002	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
	4/25/2002	ND	1.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/17/2002	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
MW-222	10/10/2002	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
	4/17/2002	ND	ND	ND	ND	1.6B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/17/2002	ND	2.0J	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
MW-123	10/7/2002	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
	4/18/2002	ND	ND	ND	ND	1.5B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/17/2002	5.8J	1.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/7/2002	9.1J	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
	4/17/2002	17.6J	ND	ND	ND	2.5B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/16/2002	17.9J	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/7/2002	18.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-224	1/21/2002	127	ND	ND	14.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/17/2002	155	ND	ND	ND	1.5B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/16/2002	137	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/7/2002	133	2.7J	ND	ND	ND	ND	1.0J	ND	ND	ND	ND	ND	ND	ND	ND

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Table 8. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Identifier	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1-Dichloroethene	Methylene Chloride	1,1-Dichloroethane	Cis-1,2-Dichloroethene	Chloroform	1,1,1-Trichloroethane	Carbon Tetrachloride	Benzene	Bromodichloromethane	Tetrachloroethylene	Dibromochloromethane	Bromoform
		[Concentrations are 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]	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 [3]
	1/21/2002	2.9J	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
	7/16/2002	2.0J	1.5J	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
MW-125	10/4/2002	1.4J	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
MW-225 dup	1/21/2002	5.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/16/2002	4.3J	1.1J	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
	10/7/2002	4.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/17/2002	491	ND	ND	2.1J	ND	ND	1.7J	ND	ND	ND	ND	ND	ND	ND	ND
MW-226	4/16/2002	393	ND	ND	1.3J	ND	ND	2.4J	ND	ND	ND	ND	ND	ND	ND	ND
	7/12/2002	381	ND	ND	1.4J	ND	ND	1.5J	ND	ND	ND	ND	ND	ND	ND	ND
	10/3/2002	435	ND	ND	1.4J	1.1J	ND	1.6J	ND	ND	ND	ND	ND	ND	ND	ND
	1/17/2002	603	ND	ND	2.7J	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND
MW-227	4/15/2002	550	1.4J	ND	1.8J	1.7B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/12/2002	741	1.2J	ND	2.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/14/2002	661	ND	ND	2.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/4/2002	21.8	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-128	4/18/2002	17.0J	ND	ND	ND	1.6B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/18/2002	20.9	1.4J	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
MW-128	10/11/2002	28.7	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/4/2002	87.1	ND	ND	6.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-228	4/18/2002	82.2	1.5J	ND	5.4J	1.5B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/18/2002	72.8	1.6J	ND	5.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/14/2002	50.4	ND	ND	2.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-228 dup	10/14/2002	49.8	ND	ND	3.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Table 8. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Identifier	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1-Dichloroethene	Methylene Chloride	1,1-Dichloroethane	Cis-1,2-Dichloroethene	Chloroform	1,1,1-Trichloroethane	Carbon Tetrachloride	Benzene	Bromodichloromethane	Tetrachloroethylene	Dibromochloromethane	Bromoform
		[Concentrations are 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]	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 [3]
MW-129	1/22/2002	856	ND	ND	4.2J	ND	ND	1.4J	ND	ND	ND	ND	ND	ND	ND	ND
	4/10/2002	545	ND	ND	1.5J	ND	ND	1.3J	ND	ND	ND	ND	ND	ND	ND	ND
	7/10/2002	589	ND	ND	2.9J	ND	ND	1.3J	ND	ND	ND	ND	ND	ND	ND	ND
	10/9/2002	867	ND	ND	3.5J	1.6J	ND	ND	1.1J	ND	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
	4/11/2002	260	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
MW-229	7/10/2002	316	ND	ND	1.2J	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	ND
	10/9/2002	357	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	ND
MW-130	1/21/2002	163	ND	ND	ND	ND	ND	1.3J	ND	ND	ND	ND	ND	ND	ND	ND
	4/22/2002	201	2.6J	ND	6.0J	ND	ND	ND	1.7J	ND	ND	ND	ND	ND	ND	ND
	7/19/2002	150	1.6J	ND	4.2J	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND
	10/16/2002	180	ND	ND	5.3J	ND	ND	ND	1.5J	ND	ND	ND	ND	ND	ND	ND
MW-230	1/21/2002	300	ND	ND	8.1J	ND	ND	ND	1.5J	ND	ND	ND	ND	ND	ND	ND
	4/22/2002	54.0	ND	ND	12.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/19/2002	ND	1.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/16/2002	26.8	ND	ND	4.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-131	1/16/2002	687	ND	ND	2.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/12/2002	902	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)	ND (<2.0)
MW-131 dup	4/12/2002	943	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)	ND (<2.0)
MW-131	7/11/2002	796	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)	ND (<2.0)
	10/9/2002	516	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)	ND (<2.0)
MW-231	1/16/2002	1,690	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)	ND (<5.0)
	4/12/2002	1,790	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)	ND (<5.0)
	7/11/2002	1,840	ND (<5.0)	ND (<5.0)	6.6J	5.2J	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)
	10/9/2002	1,850	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)	ND (<5.0)
MW-231 dup	10/9/2002	1,850	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)	ND (<5.0)

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Table 8. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Identifier	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1-Dichloroethene	Methylene Chloride	1,1-Dichloroethane	Cis-1,2-Dichloroethene	Chloroform	1,1,1-Trichloroethane	Carbon Tetrachloride	Benzene	Bromodichloromethane	Tetrachloroethylene	Dibromochloromethane	Bromoform
		[Concentrations are 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]	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 [3]
MW-132	1/9/2002	ND	ND	ND	ND	ND	ND	ND	1.5J	ND	ND	ND	ND	ND	ND	ND
	4/18/2002	ND	1.4J	ND	ND	1.6B	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND
	7/18/2002	ND	1.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/11/2002	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	1.4J	ND	ND	ND	ND	ND	ND	ND
	4/18/2002	35.4	ND	ND	ND	1.6B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/18/2002	34.0	1.6J	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND
	10/11/2002	33.9	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND
MW-133	1/17/2002	195	1.1J	ND	6.9J	ND	ND	ND	1.3J	ND	ND	ND	ND	ND	ND	ND
	4/16/2002	155	ND	ND	5.9J	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND
	7/15/2002	135	2.1J	ND	2.2J	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND
MW-133 dup	7/15/2002	134	1.1J	ND	3.6J	ND	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND
MW-133	10/3/2002	113	ND	ND	3.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-233	1/17/2002	392	ND	ND	11.2J	ND	ND	ND	1.5J	ND	ND	ND	ND	ND	ND	ND
	4/16/2002	395	ND	ND	10.1J	ND	ND	ND	1.3J	ND	ND	ND	ND	ND	ND	ND
	7/15/2002	381	2.0J	ND	7.0J	ND	ND	ND	1.5J	ND	ND	ND	ND	ND	ND	ND
	10/3/2002	341	ND	ND	6.4J	ND	ND	ND	1.4J	ND	ND	ND	ND	ND	ND	ND
MW-134	1/10/2002	25.9	ND	ND	1.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/19/2002	17.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/18/2002	19.1J	2.8J	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/11/2002	8.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-234	1/10/2002	341	ND	ND	64.7	ND	ND	ND	2.9J	ND	12.5J	ND	ND	ND	ND	ND
	4/19/2002	385	ND	ND	50.3	ND	ND	ND	2.8J	ND	ND	ND	ND	ND	ND	ND
	7/18/2002	366	1.7J	ND	30.7	ND	ND	ND	2.6J	ND	21.2	ND	ND	ND	ND	ND
	10/11/2002	442	ND	ND	52.0	ND	ND	ND	2.9J	ND	22.2	ND	ND	ND	ND	ND

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Table 8. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from monitoring wells; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Identifier	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1-Dichloroethene	Methylene Chloride	1,1-Dichloroethane	Cis-1,2-Dichloroethene	Chloroform	1,1,1-Trichloroethane	Carbon Tetrachloride	Benzene	Bromodichloromethane	Tetrachloroethylene	Dibromochloromethane	Bromoform
		[Concentrations are 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]	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 [3]
MW-135A	10/10/2002	2,970	ND (<5.0)	ND (<5.0)	22.8J	ND (<5.0)	ND (<5.0)	9.9J	9.4J	ND (<5.0)	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)	40.5J	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)	ND (<10.0)	ND (<10.0)
MW-235C	10/10/2002	1,140	ND (<2.5)	ND (<2.5)	59.2	ND (<2.5)	ND (<2.5)	ND (<2.5)	8.7J	ND (<2.5)	22.0J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-136A	10/17/2002	422	ND	ND	2.9J	ND	ND	ND	1.7J	ND	ND	ND	ND	ND	ND	ND
MW-236B	10/17/2002	450	ND	ND	22.0	ND	ND	ND	3.0J	ND	6.9J	ND	ND	ND	ND	ND
MW-236C	10/17/2002	154	ND	ND	45.7	ND	ND	ND	4.7J	ND	20.0	ND	ND	ND	ND	ND
MW-137A	10/16/2002	737	ND (<2.0)	ND (<2.0)	8.8J	ND (<2.0)	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-237B	10/16/2002	2,810	ND (<5.0)	ND (<5.0)	35.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	14.7J	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)	37.4J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	14.5J	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)	54.8J	ND (<5.0)	ND (<5.0)	ND (<5.0)	5.1J	ND (<5.0)	21.5J	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)	87.7J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	43.3J	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)	945	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	310J	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)
MW-238C	10/21/2002	16,100	ND (<20.0)	ND (<20.0)	591	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	233J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)

Notes:

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

[2] MDL - Method Detection Limit of 1.0 microgram per liter 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 sample for quality assurance/quality control

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

Table 9. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from Continuous Multi-channel Tubing (CMT) Wells; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Boring Identifier	Sample Identifier	Screened Interval	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1-Dichloroethene	Methylene Chloride	1,1-Dichloroethane	Cis-1,2-Dichloroethene	Chloroform	1,1,1-Trichloroethane	Carbon Tetrachloride	Benzene	Bromo-dichloromethane	Toluene	1,1,2-Trichloroethane	Tetra-chloroethylene	Dibromo-chloromethane
				[Concentrations are 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]	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]
CMT 1	Port 1	43.1-43.4	2/21/2002	304	ND[3]	ND	35.9	ND	ND	ND	61.1	ND	ND	ND	ND	1.0J[4]	ND	ND	ND
			4/4/2002	4,790	ND	ND	412	26.1B[5]	ND	ND	49.0J	ND	43.7J	ND	ND	ND	ND	ND	ND
			7/23/2002	7,610	ND (<10.0)	ND (<10.0)	797	ND (<10.0)	ND (<10.0)	ND (<10.0)	68.4J	ND (<10.0)	91.8J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
			10/17/2002	11,200	ND (<20.0)	ND (<20.0)	858	ND (<20.0)	ND (<20.0)	ND (<20.0)	57.4J	ND (<20.0)	127J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
	Port 2	39.3-39.6	2/21/2002	84.2	ND	ND	5.4J	ND	ND	ND	57.0	ND	ND	ND	ND	ND	ND	ND	ND
			4/4/2002	2,390	ND	ND	117	12.0B	ND	ND	33.1J	ND	15.1J	ND	ND	ND	ND	ND	ND
			7/23/2002	4,790	ND (<10.0)	ND (<10.0)	197J	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)	ND (<10.0)	ND (<10.0)	ND (<10.0)
			10/17/2002	6,020	ND (<10.0)	ND (<10.0)	253	ND (<10.0)	ND (<10.0)	ND (<10.0)	49.9J	ND (<10.0)	35.0J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
	Port 3	35.3-35.6	2/21/2002	850	NA[6]	ND	20,000J	NA	ND	ND	ND	23J	ND	ND	NA	ND	NA	NA	ND
			4/5/2002	2,210	ND	ND	40.5J	10.4B	ND	ND	22.7J	ND	ND	ND	ND	ND	ND	ND	ND
			7/23/2002	2,690	ND (<5.0)	ND (<5.0)	46.6J	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)	ND (<5.0)	ND (<5.0)	ND (<5.0)
			10/18/2002	3,500	ND (<10.0)	ND (<10.0)	54.1J	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)	ND (<10.0)	ND (<10.0)	ND (<10.0)
	Port 4	31.6-31.9	2/21/2002	NS[7]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
			4/5/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
			7/23/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
			10/18/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Port 5	29.2-29.5	2/21/2002	100	NA	ND	1,500J	NA	ND	ND	ND	18J	ND	ND	NA	ND	NA	NA	ND
			4/5/2002	350J	ND	ND	5.2J	1.8B	ND	ND	6.9J	ND	ND	ND	ND	ND	ND	ND	ND
			7/23/2002	417	ND	ND	4.7J	ND	ND	ND	3.2J	ND	ND	ND	ND	ND	ND	ND	ND
			10/18/2002	387	ND	ND	4.0J	ND	ND	ND	2.3J	ND	ND	ND	ND	ND	ND	ND	ND
	Port 6	47.4-47.7	2/21/2002	157	ND	ND	27.0	ND	ND	ND	54.7	ND	ND	ND	2.7J	ND	ND	ND	ND
			4/5/2002	6,790	ND	ND	860	24.3B	ND	ND	43.1J	ND	150J	ND	ND	ND	ND	ND	ND
			7/24/2002	6,150	ND (<10.0)	ND (<10.0)	831	ND (<10.0)	ND (<10.0)	ND (<10.0)	65.7J	ND (<10.0)	81.0J	ND (<10.0)	ND (<10.0)	ND (<10.0)	10.5J	ND (<10.0)	ND (<10.0)
			10/18/2002	9,420	ND (<20.0)	ND (<20.0)	863	ND (<20.0)	ND (<20.0)	ND (<20.0)	48.2J	ND (<20.0)	148J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
	Port 7	51.5	2/21/2002	585	ND	ND	77.2	ND	ND	ND	58.1	ND	14.8J	ND	3.3J	ND	ND	ND	ND
			4/5/2002	6,430	ND	ND	900	23.6B	ND	ND	25.4J	ND	166J	ND	ND	ND	ND	ND	ND
			7/24/2002	7,080	ND (<10.0)	ND (<10.0)	829	ND (<10.0)	ND (<10.0)	ND (<10.0)	23.1J	ND (<10.0)	256	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
			10/21/2002	8,250	ND (20.0)	ND (<20.0)	682	ND (<20.0)	ND (<20.0)	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)

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Table 9. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from Continuous Multi-channel Tubing (CMT) Wells; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Boring Identifier	Sample Identifier	Screened Interval	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1-Dichloroethene	Methylene Chloride	1,1-Dichloroethane	Cis-1,2-Dichloroethene	Chloroform	1,1,1-Trichloroethane	Carbon Tetrachloride	Benzene	Bromo-dichloromethane	Toluene	1,1,2-Trichloroethane	Tetra-chloroethylene	Dibromo-chloromethane
				[Concentrations are 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]	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]
CMT 2[8]	Port 1	32.3-32.6	2/21/2002	1.4J	ND	ND	ND	ND	ND	ND	35.4	ND	ND	ND	1.4J	1.7J	ND	ND	ND
			7/24/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
			10/21/2002	1,410	ND	ND	15.2J	ND	ND	2.4J	13.3J	ND	ND	ND	ND	ND	ND	ND	ND
	Port 2	40.3-40.6	2/21/2002	1.9J	ND	ND	ND	ND	ND	ND	28.2	ND	ND	ND	3.4J	ND	ND	ND	ND
			7/24/2002	4,550	ND (<10.0)	ND (<10.0)	71.6J	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)	ND (<10.0)	ND (<10.0)	ND (<10.0)
			10/21/2002	5,670	ND (<10.0)	ND (<10.0)	74.0J	ND (<10.0)	ND (<10.0)	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)
	Port 3	44.3-44.6	2/21/2002	5.6J	ND	ND	ND	ND	ND	ND	43.5	ND	ND	ND	1.3J	ND	ND	ND	ND
			7/24/2002	3,500	ND (<5.0)	ND (<5.0)	96.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	21.9J	ND (<5.0)	61.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
			10/22/2002	7,410	ND (<10.0)	ND (<10.0)	156J	11.5B	ND (<10.0)	12.5J	12.9J	ND (<10.0)	54.1J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
	Port 4	48.4-48.7	2/21/2002	1.7J	ND	ND	ND	ND	ND	ND	42.8	ND	ND	ND	2.7J	1.0J	ND	ND	ND
			7/25/2002	2,140	ND (<5.0)	ND (<5.0)	63.5J	8.5J	ND (<5.0)	ND (<5.0)	28.6J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
			10/22/2002	4,180	ND (<10.0)	ND (<10.0)	79.0J	14.2B	ND (<10.0)	ND (<10.0)	13.8J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
	Port 5	52.3-52.6	2/21/2002	ND	ND	ND	ND	ND	ND	ND	45.4	ND	ND	ND	2.2J	1.1J	ND	ND	ND
			7/25/2002	83.1	ND	ND	7.0J	ND	ND	ND	6.3J	ND	ND	ND	ND	ND	ND	ND	ND
			10/22/2002	267	ND	ND	13.1J	ND	ND	ND	4.9J	ND	ND	ND	ND	ND	ND	ND	ND
	Port 6	56.1-56.4	2/21/2002	ND	ND	ND	ND	ND	ND	ND	64.4	ND	ND	ND	1.5J	1.9J	ND	ND	ND
			7/25/2002	17.1J	1.6J	ND	1.4J	1.5J	ND	ND	6.2J	ND	ND	ND	ND	1.0J	ND	ND	ND
			10/23/2002	32.9	ND	ND	2.2J	4.2B	ND	ND	3.9J	ND	ND	ND	ND	ND	ND	ND	ND
	Port 7	59.8	2/21/2002	ND	ND	ND	ND	ND	ND	ND	46	ND	ND	ND	ND	1.1J	ND	ND	ND
			7/25/2002	3.6J	ND	ND	ND	9.2J	ND	ND	5.0J	ND	ND	ND	ND	1.0J	ND	ND	ND
			10/23/2002	4.1J	ND	ND	ND	3.9B	ND	ND	1.9J	ND	ND	ND	ND	ND	ND	ND	ND
CMT 3[9]	Port 1	26-28	10/22/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Port 2	31-33	10/22/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Port 3	36-38	10/22/2002	22.2	ND	ND	ND	5.4B	ND	ND	28.9	ND	ND	ND	5.5J	ND	ND	ND	1.0J
	Port 4	41-43	10/22/2002	323	ND	ND	4.4J	5.5B	ND	ND	26.0	ND	ND	ND	5.3J	ND	ND	ND	1.1J
	Port 5	46-48	10/23/2002	22.0	ND	ND	1.2J	4.0B	ND	ND	15.6J	ND	ND	ND	1.7J	ND	ND	ND	ND
	Port 6	51-53	10/23/2002	13.5J	ND	ND	8.9J	4.4B	ND	ND	33.9	ND	ND	ND	4.4J	ND	ND	ND	ND
	Port 7	58.8	10/23/2002	ND	ND	ND	ND	3.9B	ND	ND	36.6	ND	ND	ND	6.5J	ND	ND	ND	1.3J

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Table 9. Results of analyses for volatile organic compounds (VOCs)[1] detected in ground-water samples from Continuous Multi-channel Tubing (CMT) Wells; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Boring Identifier	Sample Identifier	Screened Interval	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1,1-Dichloroethene	Methylene Chloride	1,1-Dichloroethane	Cis-1,2-Dichloroethene	Chloroform	1,1,1-Trichloroethane	Carbon Tetrachloride	Benzene	Bromo-dichloromethane	Toluene	1,1,2-Trichloroethane	Tetra-chloroethylene	Dibromo-chloromethane
				[Concentrations are 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]	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]
CMT 4[9]	Port 1	23-26	10/25/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Port 2	29-32	10/25/2002	255	ND	ND	1.6J	ND	ND	ND	12.2J	ND	ND	ND	1.0J	ND	ND	ND	ND
	Port 3	35-37	10/25/2002	1,360	ND (<2.5)	ND (<2.5)	14.9J	ND (<2.5)	ND (<2.5)	ND (<2.5)	23.8J	ND (<2.5)	7.2J	ND (<2.5)	3.6J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
	Port 4	40-42	10/25/2002	2,150	ND (<5.0)	ND (<5.0)	56.6J	ND (<5.0)	ND (<5.0)	ND (<5.0)	27.4J	ND (<5.0)	23.1J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (5.0)	ND (<5.0)	ND (<5.0)
	Port 5	45-48	10/25/2002	38.4	2.0J	ND	3.3J	ND	ND	ND	19.9J	ND	ND	ND	2.1J	ND	ND	ND	ND
	Port 6	51-54	10/28/2002	2,210	ND (<5.0)	ND (<5.0)	105	ND (<5.0)	ND (<5.0)	ND (<5.0)	8.3J	ND (<5.0)	38.2J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
	Port 7	55.8	10/28/2002	2,440	ND (<5.0)	ND (<5.0)	103	ND (<5.0)	ND (<5.0)	ND (<5.0)	16.6J	ND (<5.0)	37.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
CMT 5[9]	Port 1	21-24	10/24/2002	690	ND	ND	5.0J	ND	ND	1.4J	3.9J	ND	ND	ND	ND	ND	ND	ND	ND
	Port 2	28-31	10/24/2002	133	ND	ND	12.1J	ND	ND	ND	14.6J	ND	3.3J	ND	3.3J	ND	ND	ND	ND
	Port 3	35-38	10/24/2002	70.5	ND	ND	42.8	ND	ND	ND	6.7J	ND	9.6J	ND	1.3J	ND	ND	ND	ND

Notes:

[1] Samples collected 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 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, CMT 4, and CMT 5 were not installed until October 2002. CMT 3 was installed on 10/17/02, CMT 4 on 10/16/02, and CMT 5 on 10/9/02.

Table 10. 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; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Boring Identifier	Sample Identifier	Sample Date	Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
			Method Detection Limit[4]									
			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	7/22/2002	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
	Port 2	7/23/2002	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	12	ND	ND	ND
	Port 3	7/23/2002	114	17.1	1.41	ND	162	7.75	2.00	ND	ND	ND
		10/18/2002	69.9	15.0	3.48	ND	30.8	5.25	5.50	ND	ND	ND
	Port 4	7/23/2002	NS[6]	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/18/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Port 5	7/23/2002	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
	Port 6	7/24/2002	144	11.2	ND	ND	105	8.00	1.85	ND	ND	ND
		10/18/2002	108	11.6	0.27	0.13	38.9	7.75	8.00	ND	ND	ND
	Port 7	7/24/2002	43.2	9.62	4.02	ND	29.0	2.20	2.15	ND	ND	ND
		10/21/2002	25.9	8.9	5.25	ND	2.7	ND	ND	ND	ND	ND

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Table 10. 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; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Boring Identifier	Sample Identifier	Sample Date	Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
			Method Detection Limit[4]									
			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
	Port 2	7/24/2002	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
	Port 3	7/24/2002	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
	Port 4	7/25/2002	71.8	10.5	ND	ND	163	11.75	2.40	ND	ND	ND
		10/22/2002	52.6	5.72	0.26	ND	28.5	3.95	3.95	ND	ND	ND
	Port 5	7/25/2002	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
	Port 6	7/25/2002	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
	Port 7	7/25/2002	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	6.8	ND	ND
CMT 3	Port 1	10/22/2002	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
	Port 3	10/22/2002	14.2	9.39	0.67	0.11	60.7	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
	Port 5	10/23/2002	57.1	8.04	0.21	ND	34.0	ND	ND	ND	ND	ND
	Port 6	10/23/2002	21.6	11.4	0.97	ND	37.8	ND	ND	ND	ND	ND
	Port 7	10/23/2002	12.1	11.2	0.57	ND	37.0	ND	ND	ND	ND	ND

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Table 10. 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; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Boring Identifier	Sample Identifier	Sample Date	Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
			Method Detection Limit[4]									
			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
	Port 2	10/25/2002	20.7	7.23	1.00	ND	30.6	1.75	1.90	ND	ND	ND
	Port 3	10/25/2002	25.6	8.76	0.97	ND	41.5	ND	ND	ND	ND	ND
	Port 4	10/25/2002	13.7	7.63	0.56	0.15	37.1	ND	ND	ND	ND	ND
	Port 5	10/25/2002	48.1	5.79	0.16	0.10	51.2	ND	ND	ND	ND	ND
	Port 6	10/28/2002	52.8	2.86	0.58	ND	16.5	ND	ND	ND	ND	ND
	Port 7	10/28/2002	27.3	4.77	0.69	ND	23.7	ND	ND	ND	ND	ND
CMT 5	Port 1	10/24/2002	3.4	6.49	1.89	ND	2.04	ND	ND	ND	ND	ND
	Port 2	10/24/2002	5.6	6.08	1.83	0.15	22.5	ND	ND	ND	ND	ND
	Port 3	10/24/2002	3.0	4.25	3.39	ND	2.92	ND	ND	ND	ND	ND

Notes:

1 The samples were analyzed 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 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 Laboratory (STL) in accordance with Method RSK-175.

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

5 ND - Not detected

6 NS - Not sampled. A ground-water sample was not collected from CMT 1, Port 4, and CMT 2, Port 1 on July 23 and 24, 2002, because of insufficient water. A sample was not collected from CMT 3, Ports 1 and 2; CMT 4, Port 1; or CMT 1, Port 4 on 10/22/02, 10/24/02, and 10/25/02 because of insufficient water.

Table 11. Results of analyses[1]
November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Location	Sample Date	Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
		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
MW-1A	4/11/2002	1.4	7.58	3.89	ND[5]	ND	NA[6]	ND	ND	ND	ND
	7/12/2002	1.8	7.18	3.31	ND	ND	0.60	0.65	ND	ND	ND
	10/8/2002	1.6	7.26	3.38	ND	ND	ND	ND	ND	ND	ND
MW-1A dup[7]	10/8/2002	1.3	7.10	3.31	ND	ND	ND	ND	ND	ND	ND
MW-2A	4/15/2002	ND	7.29	1.96	ND	ND	NA	0.10	ND	ND	ND
	7/11/2002	ND	7.41	1.87	ND	ND	ND	ND	ND	ND	ND
	10/10/2002	ND	7.17	1.80	ND	0.48	ND	ND	ND	ND	ND
MW-3A	4/11/2002	1.6	5.14	2.59	ND	1.70	NA	0.24	ND	ND	ND
	7/12/2002	5.7	4.63	2.15	ND	1.65	ND	ND	ND	ND	ND
	10/10/2002	1.5	4.50	2.23	ND	1.35	ND	ND	ND	ND	ND
MW-4A	4/11/2002	ND	2.76	3.35	ND	ND	NA	ND	ND	ND	ND
	7/12/2002	1.9	2.41	ND	ND	ND	ND	ND	ND	ND	ND
	10/10/2002	1.1	2.38	2.99	ND	0.66	ND	ND	ND	ND	ND
MW-4A dup	10/10/2002	1.3	2.38	2.95	ND	ND	ND	ND	ND	ND	ND
MW-5A	4/11/2002	13.4	4.11	ND	ND	0.73	NA	ND	14	ND	ND
MW-5A dup	4/11/2002	13.4	4.15	ND	ND	0.79	NA	2.23	34	ND	ND
MW-5A	7/12/2002	21.5	3.44	ND	ND	0.68	5.50	5.45	130	ND	ND
	10/10/2002	23.8	3.60	ND	ND	0.53	5.25	5.25	120	ND	ND
MW-101	4/10/2002	1.3	5.91	2.03	ND	0.57	NA	ND	ND	ND	ND
	7/10/2002	ND	5.46	1.50	ND	ND	ND	ND	ND	ND	ND
	10/8/2002	ND	5.6	1.55	ND	ND	ND	ND	ND	ND	ND
MW-101 dup	10/8/2002	ND	5.43	1.52	ND	ND	NA	NA	ND	ND	ND
MW-201	4/10/2002	6.9	7.79	2.79	ND	ND	NA	0.05	ND	ND	ND
	7/10/2002	4.8	7.19	2.37	ND	ND	ND	ND	3.0	ND	ND
	10/8/2002	2.3	7.36	2.49	ND	ND	ND	ND	2.7	ND	ND

Continued on next page

Table 11. Results of analyses[1]
November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Location	Sample Date	Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
		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
MW-102	4/10/2002	441	6.59	ND	ND	6.88	NA	29.2	360	ND	ND
	7/10/2002	424	7.40	ND	ND	3.13	7.75	11.25	870	ND	ND
	10/8/2002	333	8.93	ND	ND	2.39	3.50	7.50	840D[8]	ND (40)	ND (30)
MW-202	4/10/2002	20.7	6.78	ND	ND	2.33	NA	4.34	ND	ND	ND
	7/10/2002	ND	6.13	ND	ND	1.84	4.10	4.15	51	ND	ND
	10/8/2002	14.1	6.34	ND	ND	1.49	3.75	3.80	14	ND	ND
MW-103	4/10/2002	5.3	2.38	6.41	ND	54.7	NA	0.07	ND	ND	ND
MW-103 dup	4/10/2002	6.3	2.38	6.59	ND	49.3	NA	0.13	ND	ND	ND
MW-103	7/10/2002	6.2	1.94	4.33	ND	12.1	ND	ND	4.9	ND	ND
	10/8/2002	5.0	2.50	0.56	ND	12.2	ND	ND	2.5	ND	ND
MW-203	4/10/2002	1.1	7.64	3.40	ND	ND	NA	0.07	ND	ND	ND
	7/11/2002	ND	7.39	2.79	ND	ND	ND	ND	ND	ND	ND
	10/8/2002	ND	7.29	2.87	ND	ND	ND	ND	ND	ND	ND
MW-104	4/8/2002	ND	6.07	2.20	ND	1.66	NA	ND	ND	ND	ND
	7/8/2002	ND	5.41	1.83	ND	1.74	ND	ND	ND	ND	ND
	10/2/2002	ND	5.87	1.84	ND	2.94	ND	ND	ND	ND	ND
MW-204	4/8/2002	ND	3.26	3.47	ND	ND	NA	ND	ND	ND	ND
	7/8/2002	2.9	2.96	2.92	ND	ND	ND	ND	ND	ND	ND
	10/2/2002	2.9	2.85	2.97	ND	ND	ND	ND	ND	ND	ND
MW-304	4/15/2002	55.7	1.39	ND	ND	12.0	NA	0.77	9.6	ND	ND
	7/8/2002	57.9	1.46	ND	ND	12.2	ND	1.00	ND	ND	ND
	10/2/2002	53.8	1.38	ND	ND	12.3	0.95	0.90, 0.87[9]	2.0	ND	

Continued on next page

Table 11. Results of analyses[1]
November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Location	Sample Date	Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
		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
MW-105	4/8/2002	ND	3.15	0.94	ND	12.1	NA	ND	ND	ND	ND
	7/8/2002	3.0	3.04	1.53	ND	7.66	ND	ND	ND	ND	ND
	10/1/2002	2.1	4.03	2.49	ND	12.4	ND	ND	ND	ND	ND
MW-205	4/8/2002	ND	1.89	3.65	ND	0.57	NA	ND	ND	ND	ND
MW-205 dup	4/8/2002	ND	1.82	3.50	ND	0.54	NA	ND	ND	ND	ND
MW-205	7/8/2002	ND	1.65	3.06	ND	ND	ND	ND	ND	ND	ND
MW-205 dup	7/8/2002	ND	1.63	3.06	ND	ND	ND	ND	ND	ND	ND
MW-205	10/1/2002	ND	1.55	3.01	ND	ND	ND	ND, 0.17[9]	ND	ND	ND
MW-205 dup	10/1/2002	1.1	1.56	3.25	ND	ND	ND	ND, 0.14[9]	ND	ND	ND
MW-106	4/4/2002	ND	5.26	2.68	ND	9.84	NA	ND	ND	ND	ND
	7/9/2002	ND	3.7	2.63	ND	8.35	ND	ND	ND	ND	ND
	10/3/2002	ND	3.93	1.58	ND	9.65	ND	ND	ND	ND	ND
MW-206	4/5/2002	32.2	4.80	1.32	ND	3.00	NA	0.24	ND	ND	ND
	7/9/2002	19.6	3.54	1.51	ND	1.35	ND	ND	ND	ND	ND
	10/3/2002	20	3.28	1.37	ND	1.09	ND	ND	ND	ND	ND
MW-107	4/4/2002	ND	6.81	2.41	ND	9.86	NA	ND	ND	ND	ND
	7/9/2002	ND	6.16	2.55	ND	5.11	ND	ND	ND	ND	ND
	10/2/2002	ND	6.20	2.59	ND	0.5	ND	ND	ND	ND	ND
MW-207	4/4/2002	4.9	3.67	2.03	ND	6.89	NA	ND	ND	ND	ND
	7/9/2002	7.3	2.79	1.67	ND	5.44	ND	ND	ND	ND	ND
	10/2/2002	4.2	2.68	1.61	ND	3.62	ND	ND	ND	ND	ND

Continued on next page

Table 11. Results of analyses[1]
November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Location	Sample Date	Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
		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
MW-108	4/5/2002	ND	10.6	4.87	ND	ND	NA	0.09	ND	ND	ND
	7/9/2002	ND	5.96	3.42	ND	ND	ND	ND	ND	ND	ND
	10/2/2002	ND	6.16	3.42	ND	ND	0.50	0.50, 0.33[9]	ND	ND	ND
MW-208	4/5/2002	6.0	4.69	2.16	ND	3.03	NA	0.11	ND	ND	ND
	7/9/2002	5.0	3.53	1.93	ND	1.26	ND	ND	ND	ND	ND
	10/2/2002	5.5	3.66	1.98	ND	3.29	ND	ND	ND	ND	ND
MW-109	4/15/2002	ND	3.65	0.98	ND	6.91	NA	ND	2.0	ND	ND
	7/9/2002	ND	4.02	0.89	ND	5.10	ND	ND	ND	ND	ND
	10/2/2002	ND	3.59	0.77	0.15	5.71	ND	ND, 0.12[9]	ND	ND	ND
MW-209	4/15/2002	14.0	3.55	1.21	ND	3.63	NA	0.25	46	ND	ND
	7/9/2002	14.3	3.54	1.27	ND	0.91	ND	ND	45	ND	ND
	10/2/2002	10.4	3.6	1.22	ND	ND	ND	ND, 0.30[9]	33	ND	ND
MW-210	4/16/2002	148	4.28	0.84	ND	9.93	NA	0.44	37	ND	ND
	7/15/2002	204	4.91	ND	ND	15.8	ND	ND, (<0.05)[9]	9.2	ND	ND
MW-210 dup	7/15/2002	201	4.88	ND	ND	15.9	NA	0.53[9]	14	ND	ND
MW-210	10/3/2002	185	5.18	ND	ND	7.37	ND	ND	29	ND	ND
MW-111	4/18/2002	4.2	10.8	3.05	ND	0.71	NA	ND	ND	ND	ND
	7/17/2002	2.2	9.98	2.97	ND	0.81	ND	ND	ND	ND	ND
	10/10/2002	1.7	9.63	3.53	ND	0.75	ND	ND	ND	ND	ND
MW-211	4/18/2002	2.0	8.72	5.16	ND	0.85	NA	ND	ND	ND	ND
	7/17/2002	1.2	8.96	5.17	ND	0.92	ND	ND	ND	ND	ND
	10/10/2002	1.9	8.93	5.29	ND	0.88	ND	ND	ND	ND	ND
MW-311	4/18/2002	4.4	3.38	4.03	ND	2.52	NA	ND	ND	ND	ND
	7/17/2002	3.4	3.63	4.10	ND	2.76	ND	ND	ND	ND	ND
	10/11/2002	6.0	3.44	3.96	ND	2.43	ND	ND	ND	ND	ND

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Table 11. Results of analyses[1]
November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Location	Sample Date	Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
		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
MW-112	4/17/2002	ND	6.44	3.30	ND	3.85	NA	ND	ND	ND	ND
	7/16/2002	ND	5.85	3.01	ND	3.68	ND	ND, (<0.05)[9]	ND	ND	ND
	10/4/2002	ND	5.56	2.97	ND	4.29	ND	ND	ND	ND	ND
MW-212	4/17/2002	8.1	4.07	1.86	ND	1.17	NA	0.13	ND	ND	ND
	7/16/2002	8.8	3.91	1.89	ND	1.09	ND	ND	ND	ND	ND
	10/4/2002	8.4	3.32	1.89	ND	0.82	ND	ND	ND	ND	ND
MW-113	4/16/2002	1.0	3.66	1.81	ND	ND	NA	ND	ND	ND	ND
MW-113 dup	4/16/2002	ND	3.69	1.82	ND	ND	NA	ND	ND	ND	ND
MW-113	7/15/2002	ND	3.63	1.75	ND	ND	ND	ND, (<0.05)[9]	ND	ND	ND
	10/3/2002	ND	3.08	1.52	ND	ND	ND	ND	ND	ND	ND
MW-213	4/16/2002	ND	6.26	3.44	ND	ND	NA	ND	ND	ND	ND
	7/15/2002	1.6	6.27	3.40	ND	ND	ND	ND	ND	ND	ND
	10/2/2002	ND	6.59	3.44	ND	ND	ND	ND	ND	ND	ND
MW-213 dup	10/2/2002	ND	6.58	3.46	ND	ND	ND	ND	ND	ND	ND
MW-214A	4/19/2002	ND	10.7	2.49	ND	2.91	NA	1.01	ND	ND	ND
	7/15/2002	2.5	11.0	3.01	ND	2.78	ND	ND	ND	ND	ND
	10/3/2002	2.5	11.0	3.05	ND	2.92	ND	ND	ND	ND	ND
MW-115	4/19/2002	ND	8.18	1.62	ND	12.6	NA	0.07	ND	ND	ND
	7/18/2002	ND	7.15	1.68	ND	12.5	ND	ND	25	ND	ND
	10/14/2002	ND	10.6	1.49	ND	10.1	ND	ND	ND	ND	ND
MW-215	4/22/2002	ND	8.39	1.51	ND	2.85	NA	ND	ND	ND	ND
	7/18/2002	ND	8.52	1.38	ND	4.24	ND	ND	ND	ND	ND
	10/14/2002	ND	9.53	2.32	ND	2.22	ND	ND	ND	ND	ND

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Table 11. Results of analyses[1]
November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Location	Sample Date	Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
		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
MW-116	4/17/2002	ND	5.69	1.22	ND	1.16	NA	0.78	13	ND	ND
	7/16/2002	ND	6.05	1.37	ND	ND	0.70	0.75	31	ND	ND
	10/4/2002	ND	5.48	1.16	ND	1.03	1.25	1.30, 1.27[9]	27	ND	ND
MW-216	4/17/2002	ND	7.44	3.17	ND	ND	NA	ND	ND	ND	ND
	7/16/2002	ND	7.79	3.28	ND	ND	ND	ND	ND	ND	ND
	10/4/2002	ND	7.79	3.41	ND	ND	ND	ND	ND	ND	ND
MW-117	4/18/2002	27.0	8.00	2.88	ND	1.61	NA	0.10	ND	ND	ND
	7/17/2002	14.9	8.24	2.96	ND	1.52	ND	ND	ND	ND	ND
	10/10/2002	15.2	8.12	2.98	ND	1.90	ND	ND	ND	ND	ND
MW-217	4/18/2002	1.4	8.06	4.45	ND	1.36	NA	ND	ND	ND	ND
	7/17/2002	1.1	8.18	4.43	ND	1.48	ND	ND	ND	ND	ND
	10/7/2002	1.1	7.95	4.55	ND	1.50	ND	ND	ND	ND	ND
MW-118	4/19/2002	ND	4.04	1.71	ND	5.55	NA	0.07	ND	ND	ND
	7/18/2002	ND	4.42	ND	ND	6.44	ND	ND	ND	ND	ND
	10/14/2002	ND	5.31	2.78	ND	5.80	0.50	0.50	ND	ND	ND
MW-218	4/19/2002	9.9	3.82	1.39	ND	10.1	NA	ND	ND	ND	ND
	7/18/2002	8.2	3.95	1.41	ND	10.1	ND	ND	ND	ND	ND
	10/14/2002	10.0	4.11	1.39	ND	10.1	ND	ND	ND	ND	ND
MW-219	4/16/2002	1.1	3.36	0.37	ND	6.71	NA	0.06	ND	ND	ND
MW-219 dup	4/16/2002	ND	3.46	0.39	ND	6.87	NA	0.14	ND	ND	ND
MW-219	7/16/2002	ND	3.79	0.43	ND	6.05	ND	ND	ND	ND	ND
	10/3/2002	ND	3.63	0.44	ND	5.48	ND	ND	ND	ND	ND
MW-220	4/25/2002	2.1	5.62	2.10	ND	6.49	NA	ND	ND	ND	ND
	7/17/2002	ND	5.55	1.89	ND	5.84	ND	ND	ND	ND	ND
	10/10/2002	ND	5.00	1.87	ND	5.56	ND	ND	ND	ND	ND

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Table 11. Results of analyses[1]
November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Location	Sample Date	Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
		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
MW-221	4/22/2002	ND	7.40	1.82	ND	10.3	NA	0.32	ND	ND	ND
	7/19/2002	ND	7.20	2.90	ND	6.39	ND	ND	ND	ND	ND
	10/16/2002	ND	6.37	3.27	ND	5.49	ND	ND	ND	ND	ND
MW-122	4/25/2002	5.3	4.33	2.36	ND	9.40	NA	ND	ND	ND	ND
	7/17/2002	3.8	4.08	1.92	ND	6.71	ND	ND	ND	ND	ND
	10/10/2002	3.8	4.68	2.33	ND	12.3	ND	ND	ND	ND	ND
MW-222	4/25/2002	9.4	1.88	0.69	ND	0.81	NA	ND	ND	ND	ND
	7/17/2002	12.0	1.88	0.39	ND	0.69	ND	ND	ND	ND	ND
MW-222 dup	7/17/2002	8.8	1.89	0.37	ND	0.96	NA	NA	ND	ND	ND
MW-222	10/10/2002	9.2	1.91	0.59	ND	0.85	ND	ND	ND	ND	ND
MW-123	4/17/2002	4.1	8.58	2.53	ND	5.63	NA	0.16	ND	ND	ND
	7/17/2002	3.1	8.15	2.34	ND	3.77	ND	ND	ND	ND	ND
MW-123 dup	7/17/2002	1.5	8.05	2.34	ND	3.64	NA	NA	ND	ND	ND
MW-123	10/7/2002	1.1	9.74	3.09	ND	2.11	0.55	0.80	ND	ND	ND
MW-223	4/18/2002	2.6	4.02	2.83	ND	0.71	NA	ND	ND	ND	ND
	7/17/2002	2.9	5.77	2.91	ND	ND	ND	ND	ND	ND	ND
	10/7/2002	1.4	5.54	2.94	ND	ND	ND	ND	ND	ND	ND
MW-124	4/17/2002	ND	6.94	2.89	ND	1.09	NA	ND	ND	ND	ND
	7/16/2002	ND	8.26	3.12	ND	1.01	ND	ND	ND	ND	ND
	10/7/2002	ND	7.35	3.12	ND	1.13	ND	ND	ND	ND	ND
MW-224	4/17/2002	4.9	6.72	3.47	ND	ND	NA	ND	ND	ND	ND
	7/16/2002	ND	7.03	3.52	ND	ND	ND	ND	ND	ND	ND
	10/7/2002	ND	7.19	3.60	ND	0.24	ND	ND	ND	ND	ND

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Table 11. Results of analyses[1]
November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Location	Sample Date	Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
		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
MW-125	4/16/2002	ND	6.14	2.98	ND	0.95	NA	ND	ND	ND	ND
MW-125	7/16/2002	ND	6.14	2.86	ND	0.90	ND	ND, (<0.05)[9]	ND	ND	ND
MW-125 dup	7/16/2002	ND	6.15	2.82	ND	0.95	NA	NA	ND	ND	ND
MW-125	10/4/2002	ND	6.16	2.83	ND	1.02	ND	ND	ND	ND	ND
MW-225	4/16/2002	18.3	6.05	3.16	ND	1.52	NA	ND	ND	ND	ND
	7/16/2002	3.4	6.52	3.56	ND	ND	ND	ND, (<0.05)[9]	ND	ND	ND
	10/7/2002	6.3	5.98	3.31	ND	0.76	ND	ND	ND	ND	ND
MW-226	4/16/2002	ND	5.93	1.71	ND	1.65	NA	ND	ND	ND	ND
	7/12/2002	1.6	6.70	2.08	ND	1.52	ND	ND	ND	ND	ND
	10/3/2002	2.4	6.38	2.05	ND	1.97	ND	ND	ND	ND	ND
MW-227	4/15/2002	1.6	7.26	2.24	ND	ND	NA	ND	ND	ND	ND
	7/12/2002	ND	8.03	2.68	ND	ND	ND	ND	ND	ND	ND
	10/14/2002	ND	8.00	2.69	ND	ND	ND	ND	ND	ND	ND
MW-128	4/18/2002	ND	7.91	2.06	ND	ND	NA	ND	ND	ND	ND
	7/18/2002	ND	7.65	2.09	ND	ND	ND	ND	ND	ND	ND
MW-128 dup	7/18/2002	ND	7.65	2.09	ND	ND	NA	NA	ND	ND	ND
MW-128	10/11/2002	ND	8.23	2.53	ND	ND	ND	ND	ND	ND	ND
MW-228	4/18/2002	ND	10.4	5.60	ND	4.58	NA	ND	ND	ND	ND
	7/18/2002	ND	10.5	5.67	ND	4.47	ND	ND	ND	ND	ND
	10/14/2002	ND	10.7	5.49	ND	4.88	ND	ND	ND	ND	ND
MW-228 dup	10/14/2002	ND	10.7	5.41	ND	4.94	ND	ND	ND	ND	ND

Continued on next page

Table 11. Results of analyses[1]
November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Location	Sample Date	Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
		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
MW-129	4/10/2002	ND	8.20	5.85	ND	ND	NA	ND	ND	ND	ND
	7/10/2002	ND	7.68	2.83	ND	ND	ND	ND	ND	ND	ND
	10/9/2002	ND	8.00	3.16	ND	ND	ND	ND	ND	ND	ND
MW-229	4/11/2002	1.6	7.76	4.49	ND	ND	NA	ND	ND	ND	ND
MW-229 dup	4/11/2002	1.5	7.50	4.26	ND	ND	NA	ND	ND	ND	ND
MW-229	7/10/2002	ND	6.86	3.47	ND	ND	ND	ND	ND	ND	ND
	10/9/2002	ND	7.06	3.57	ND	ND	ND	ND	ND	ND	ND
MW-130	4/22/2002	1.8	10.3	2.75	ND	1.00	NA	ND	ND	ND	ND
	7/19/2002	2.1	12.5	3.55	ND	1.74	ND	ND	ND	ND	ND
	10/16/2002	1.6	12.9	3.48	ND	1.04	ND	ND	ND	ND	ND
MW-230	4/22/2002	5.9	7.25	7.40	ND	0.74	NA	ND	ND	ND	ND
	7/19/2002	3.5	5.7	6.54	ND	ND	ND	ND	ND	ND	ND
	10/16/2002	3.6	6.49	6.98	ND	ND	ND	ND	ND	ND	ND
MW-131	4/12/2002	2.6	7.08	1.64	ND	ND	NA	0.55	ND	ND	ND
MW-131 dup	4/12/2002	2.0	7.05	1.62	ND	ND	NA	0.54	ND	ND	ND
MW-131	7/11/2002	2.2	6.45	1.15	ND	2.20	ND	ND	ND	ND	ND
	10/9/2002	2.9	5.97	0.90	ND	1.16	ND	ND	ND	ND	ND
MW-231	4/12/2002	2.5	6.32	3.06	ND	ND	NA	ND	ND	ND	ND
	7/11/2002	2.2	5.23	2.17	ND	2.15	ND	ND	ND	ND	ND
	10/9/2002	3.5	4.89	2.14	ND	1.12	ND	ND	ND	ND	ND
MW-231 dup	10/9/2002	3.3	4.90	2.1	ND	1.10	ND	ND	ND	ND	ND

Continued on next page

Table 11. Results of analyses[1]
November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Location	Sample Date	Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
		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
MW-132	4/18/2002	ND	10.4	5.87	ND	2.56	NA	0.22	ND	ND	ND
	7/18/2002	ND	9.49	5.55	ND	2.67	ND	ND	ND	ND	ND
	10/11/2002	ND	9.16	5.94	ND	2.05	ND	ND	ND	ND	ND
MW-232	4/18/2002	4.2	7.75	2.23	ND	ND	NA	ND	ND	ND	ND
	7/18/2002	2.1	8.05	2.38	ND	ND	ND	ND	ND	ND	ND
	10/11/2002	3.0	7.95	2.44	ND	ND	ND	ND	ND	ND	ND
MW-133	4/16/2002	ND	7.32	1.79	ND	ND	NA	0.06	ND	ND	ND
	7/15/2002	ND	7.27	1.76	ND	ND	ND	ND	ND	ND	ND
MW-133 dup	7/15/2002	ND	7.19	1.75	ND	ND	NA	NA	ND	ND	ND
MW-133	10/3/2002	ND	7.18	1.66	ND	ND	ND	ND	ND	ND	ND
MW-233	4/16/2002	ND	6.54	2.11	ND	ND	NA	ND	ND	ND	ND
	7/15/2002	ND	6.56	2.12	ND	ND	ND	ND	ND	ND	ND
	10/3/2002	ND	6.62	2.11	ND	ND	ND	ND	ND	ND	ND
MW-134	4/19/2002	ND	6.32	0.85	ND	ND	NA	ND	ND	ND	ND
	7/18/2002	1.1	7.54	1.13	ND	ND	ND	ND	ND	ND	ND
	10/11/2002	ND	6.10	2.00	ND	ND	ND	ND	ND	ND	ND
MW-234	4/19/2002	ND	8.77	3.73	ND	2.07	NA	ND	ND	ND	ND
	7/18/2002	ND	8.98	3.73	ND	1.36	ND	ND	ND	ND	ND
	10/11/2002	ND	8.76	ND	3.72	0.78	ND	ND	ND	ND	ND
MW-135A	10/10/2002	11.8	4.76	1.76	ND	14.5	ND	ND	ND	ND	ND
MW-235B	10/10/2002	9.1	4.07	1.85	ND	9.95	0.50	0.50	ND	ND	ND
MW-235C	10/10/2002	5.6	3.47	1.48	ND	14.4	ND	ND	ND	ND	ND

Continued on next page

Table 11. Results of analyses[1]
November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Location	Sample Date	Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
		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
MW-136A	10/17/2002	4.9	6.76	1.77	ND	1.63	0.75	0.75	ND	ND	ND
MW-236B	10/17/2002	2.8	5.35	2.43	ND	5.67	ND	ND	ND	ND	ND
MW-236C	10/17/2002	2.1	3.95	3.20	ND	12.4	ND	ND	ND	ND	ND
MW-137A	10/16/2002	7.5	9.53	3.63	ND	14.6	ND	ND	ND	ND	ND
MW-237B	10/16/2002	7.7	9.43	4.65	ND	20.7	ND	ND	ND	ND	ND
MW-237B dup	10/16/2002	7.2	8.82	4.40	ND	19.1	ND	ND	ND	ND	ND
MW-237C	10/16/2002	4.6	7.67	7.08	ND	1.09	ND	ND	ND	ND	ND
MW-138A	10/21/2002	1.7	12.70	3.85	ND	5.72	ND	ND	ND	ND	ND
MW-238B	10/22/2002	5.8	9.16	4.34	ND	5.83	ND	ND	ND	ND	ND
MW-238C	10/21/2002	4.5	7.98	3.32	ND	2.61	ND	ND	ND	ND	ND

Notes:

[1] The samples were analyzed 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] 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 Laboratory (STL) in accordance with Method RSK-175.

[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 analyses from monitoring well MW-102 had to be diluted because the compound quantitation was above the instrument's calibration range for the 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 12. Results of total organic carbon[1] detected in ground-water samples from monitoring wells; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Organic Carbon (Concentrations are expressed in milligrams per liter)
Sample Identifier	**Sample Date**	**0.50 mg/L [2]**
MW-2A	7/11/2002	0.6
	10/9/2002	1.7
MW-3A	7/12/2002	ND[3]
	10/9/2002	0.9
MW-106	4/9/2002	ND (<5.0)
	7/9/2002	1.4
	10/3/2002	1.9
MW-107	4/9/2002	ND (<5.0)
	7/9/2002	0.9
	10/2/2002	NC[4]
MW-130	7/19/2002	0.8
	10/16/2002	0.8
MW-131	7/11/2002	0.9
	10/9/2002	1.0
MW-206	4/9/2002	ND (<5.0)
	7/9/2002	1.8
	10/3/2002	0.8
MW-207	4/9/2002	ND (<5.0)
	7/9/2002	0.7
	10/2/2002	NC
MW-223	7/17/2002	0.5
	10/3/2002	1.1
MW-225	7/16/2002	0.5
MW-225 dup[5]	7/16/2002	0.5
MW-225	10/3/2002	1.5

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Table 12. Results of total organic carbon[1] detected in ground-water samples from monitoring wells; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Organic Carbon
		(Concentrations are expressed in milligrams per liter)
Sample Identifier	**Sample Date**	**0.50 mg/L [2]**
MW-228	7/18/2002	0.5
	10/14/2002	0.8
MW-228 dup	10/14/2002	0.7
MW 230	7/19/2002	1.1
	10/16/2002	0.9
MW-231	7/11/2002	1.0
	10/9/2002	0.7
MW-231 dup	10/9/2002	0.9

Notes:

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

[2] MDL - Method Detection Limit. The MDL for samples analyzed prior to June 19, 2002 was 5.0 mg/L. The MDL for samples analyzed after June 19, 2002 is 0.50 mg/L.

[3] ND - Not detected

[4] NC - Not collected. Samples were not collected from MW-107 and MW-207 in October 2002.

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

Table 13. Results of analyses for volatile organic compounds (VOCs)[1] and treated volumes of water from the treatment system; October & November 2002 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)**
October 8, 2002					
Chloroform	ND[4]	NS[6]	ND	ND	1,561
Chloromethane	ND		ND	ND	
Methylene Chloride	1.8J[5]		1.7J	3.0J	
Trichloroethylene	ND		ND	ND	
Vinyl Chloride	ND		ND	ND	
October 10, 2002					
Chloroform	ND	NS	ND	ND	1,460
Chloromethane	ND		ND	ND	
Trichloroethylene	ND		ND	ND	
Vinyl Chloride	ND		ND	ND	
October 14, 2002					
Chloroform	ND	NS	ND	ND	1,502
Chloromethane	ND		ND	ND	
Trichloroethylene	ND		ND	ND	
Vinyl Chloride	ND		ND	ND	
October 15, 2002					
Chloroform	ND	NS	*ND*	ND	*974*
Chloromethane	ND		2.2J	1.6J	
Trichloroethylene	ND		*ND*	ND	
Vinyl Chloride	ND		*ND*	ND	

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Table 13. Results of analyses for volatile organic compounds (VOCs)[1] and treated volumes of water from the treatment system; October & November 2002 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)**
October 18, 2002					
Chloroform	ND	NS	ND	ND	1,788
Chloromethane	ND		ND	ND	
Trichloroethylene	ND		ND	ND	
Vinyl Chloride	ND		ND	ND	
October 29, 2002					
Chloroform	ND	NS	ND	ND	626
Chloromethane	ND		ND	ND	
Trichloroethylene	ND		ND	ND	
Vinyl Chloride	ND		ND	ND	
Total Volume Treated - October 2002					**7,911**

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Table 13. Results of analyses for volatile organic compounds (VOCs)[1] and treated volumes of water from the treatment system; October & November 2002 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)**
November 1, 2002					
Chloroform	ND	NS	ND	ND	2,075
Chloromethane	1.0J		ND	ND	
Trichloroethylene	ND		ND	ND	
Vinyl Chloride	ND		ND	ND	
November 4, 2002					
Chloroform	ND	NS	ND	ND	1,661
Chloromethane	ND		ND	ND	
Trichloroethylene	ND		ND	ND	
Vinyl Chloride	ND		ND	ND	
November 25, 2002					
Chloroform	ND	NS	ND	ND	1,929
Chloromethane	ND		ND	ND	
Trichloroethylene	ND		ND	ND	
Vinyl Chloride	ND		ND	ND	
November 26, 2002					
Chloroform	ND	NS	ND	ND	2,570
Chloromethane	ND		ND	ND	
Trichloroethylene	ND		ND	ND	
Vinyl Chloride	ND		ND	ND	

Continued on next page

Table 13. Results of analyses for volatile organic compounds (VOCs)[1] and treated volumes of water from the treatment system; October & November 2002 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)**
November 27, 2002					
Chloroform	ND	NS	ND	ND	1,715
Chloromethane	1.6J		1.3J	1.0J	
Trichloroethylene	ND		ND	ND	
Vinyl Chloride	ND		ND	ND	
Total Volume Treated - November 2002					**9,950**

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 for the laboratory analyses

[4] ND - Not detected

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

[6] NS - No sample collected this month.

Table 14. Results of analyses for volatile organic compounds (VOCs)[1] detected in soil/sediment samples collected from a drain ditch near the ALDOT Materials and Test Laboratory; October & November 2002; Coliseum Boulevard Plume; Montgomery, Alabama.

Boring/Well ID	Sample Date	Trichloroethylene	Vinyl Chloride	1, 1 Dichloroethene	cis-1,2-Dichloroethene	1, 1, 1-Trichloroethane	Carbon Tetrachloride	Benzene	Toluene	Ethyl Benzene	m,p-Xylenes	O-Xylene
		(Concentrations are in micrograms per kilogram [µg/kg])										
		3.0 µg/kg[2]	3.0 µg/kg[2]	3.0 µg/kg[2]	3.0 µg/kg[2]	3.0 µg/kg[2]	3.0 µg/kg[2]	3.0 µg/kg[2]	3.0 µg/kg[2]	3.0 µg/kg[2]	3.0 µg/kg[2]	3.0 µg/kg[2]
ALDOT Drain Ditch #1	11/27/2002	ND[3]	ND	ND	ND	ND	ND	ND	5.9J[4]	16.9J	16.6J	55.6
ALDOT Drain Ditch #2	11/27/2002	ND	ND	ND	ND	ND	ND	ND	14.3J	27.1	34.5	117
ALDOT Drain Ditch #3	11/27/2002	ND	ND	ND	ND	ND	ND	12.3J	218	379	587	1,710
ALDOT Drain Ditch #4	11/27/2002	ND	ND	ND	ND	ND	ND	5.1J	179	191	1,310	694

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 3.0 micrograms per kilogram (µg/kg) for laboratory purposes

[3] ND - Not detected

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

Table 15. Concentrations of VOCs (volatile organic compounds)[1] in samples of soil collected from the "low-lying area"; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in soils and surface-water samples are shown on Figures 7 and 8.]

Sample Identifier	Sample Date	Approximate Sample Depth (inches)	Trichloroethylene	Trichlorofluoromethane	Benzene	Toluene	M,P-Xylenes	CIS-1-Dichloroethane	Vinyl Chloride	Cis-1,3-Dichloropropene	Methylene Chloride[2]
			[Concentrations are in micrograms per kilogram (µg/kg)]								
			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]
	2/13/2002	12	ND	6.3	ND	ND	ND	ND	ND	ND	ND
	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
	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
	2/13/2002	8	NR[8]	NR	NR	NR	NR	NR	NR	NR	NR
	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
	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
	2/13/2002	7	ND	ND	ND	9.5	ND	ND	ND	ND	ND
	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
	2/13/2002	11	ND	ND	ND	ND	ND	ND	ND	ND	ND
	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
	2/13/2002	7	ND	14.4	ND	ND	ND	ND	ND	ND	ND
	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
	2/13/2002	4	ND	ND	ND	ND	ND	ND	ND	ND	ND
	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
	2/14/2002	5	12.1	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/2002	5	6.8J	ND	ND	4.7J	1.9J	ND	ND	ND	4.2J
	9/17/2002	6	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/2002	6	ND	ND	ND	ND	ND	ND	ND	ND	ND

Continued on next page

Table 15. Concentrations of VOCs (volatile organic compounds)[1] in samples of soil collected from the "low-lying area"; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in soils and surface-water samples are shown on Figures 7 and 8.]

Sample Identifier	Sample Date	Approximate Sample Depth (inches)	Trichloroethylene	Trichlorofluoromethane	Benzene	Toluene	M,P-Xylenes	CIS-1-Dichloroethane	Vinyl Chloride	Cis-1,3-Dichloropropene	Methylene Chloride[2]
			[Concentrations are in micrograms per kilogram (µg/kg)]								
			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]
J	11/16/2001	8	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/14/2002	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/2002	8	ND	ND	ND	4.1J	ND	ND	ND	ND	7.5J
	9/17/2002	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/2002	8	ND	ND	ND	ND	ND	ND	ND	ND	ND
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
	9/17/2002	12	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/2002	12	ND	ND	ND	ND	ND	ND	ND	ND	ND
L	11/16/2001	10	3.9J	ND	ND	ND	ND	ND	ND	ND	3.1J
	2/14/2002	8	ND	ND	ND	ND	ND	ND	ND	ND	ND
	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
	10/31/2002	12	ND	ND	ND	ND	ND	ND	ND	ND	ND
M	11/16/2001	10	ND	ND	ND	ND	ND	ND	ND	ND	4.8J
	2/14/2002	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/2002	8	ND	ND	ND	3.0J	ND	ND	ND	ND	3.3J
	9/17/2002	8	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/2002	6	ND	ND	ND	ND	ND	ND	ND	ND	ND
N	11/15/2001	3	50.6J	ND	ND	16.4J	ND	ND	ND	ND	6.6J
	2/13/2002	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/2002	10	ND	ND	ND	ND	ND	ND	ND	ND	3.3J
	9/17/2002	8	ND[9]	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

Continued on next page

Table 15. Concentrations of VOCs (volatile organic compounds)[1] in samples of soil collected from the "low-lying area"; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in soils and surface-water samples are shown on Figures 7 and 8.]

Sample Identifier	Sample Date	Approximate Sample Depth (inches)	Trichloroethylene	Trichlorofluoromethane	Benzene	Toluene	M,P-Xylenes	CIS-1-Dichloroethane	Vinyl Chloride	Cis-1,3-Dichloropropene	Methylene Chloride[2]
			[Concentrations are in micrograms per kilogram (µg/kg)]								
			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]
O	11/15/2001	3	ND	ND	ND	3.3J	ND	ND	ND	ND	3.1J
	2/13/2002	8	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/2002	8	ND	5.7J	ND	4.0J	ND	ND	ND	ND	4.8J
	9/17/2002	12	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/2002	12	ND	ND	ND	7.3J	ND	ND	35.1	ND	ND
P	11/15/2001	2	ND	7.1J	ND	ND	ND	ND	ND	ND	ND
	2/13/2002	9	10.6	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/2002	11	7.0J	ND	ND	ND	ND	ND	ND	ND	6.7J
	9/17/2002	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/2002	8	ND	ND	ND	ND	ND	ND	ND	ND	ND

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] 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 for the soil laboratory analyses

[4] ND - Not Detected

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

[6]

[7] dup - Duplicate samples were 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.

Table 16. Concentrations of VOCs (volatile organic compounds)[1] in samples of surface water collected from the "low-lying area"; October & November 2002 Status Report; Coliseum

Sample Identifier	Sample Date	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]
A	11/15/2001	ND[4]	ND	ND	ND	ND	ND
	2/13/2002	ND	ND	ND	ND	ND	ND
	5/22/2002	NC[5]	NC	NC	NC	NC	NC
B	11/15/2001	NC	NC	NC	NC	NC	NC
	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
	2/13/2002	ND	ND	ND	ND	ND	ND
	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
	5/22/2002	NC	NC	NC	NC	NC	NC
E	11/15/2001	NC	NC	NC	NC	NC	NC
	2/13/2002	ND	ND	ND	ND	ND	ND
	5/22/2002	NC	NC	NC	NC	NC	NC
F	11/15/2001	NC	NC	NC	NC	NC	NC
	2/13/2002	ND	1.1J[7]	ND	ND	ND	ND
	5/22/2002	NC	NC	NC	NC	NC	NC
G	11/15/2001	NC	NC	NC	NC	NC	NC
	2/13/2002	ND	ND	ND	ND	ND	ND
	5/22/2002	NC	NC	NC	NC	NC	NC
H	11/15/2001	ND	ND	ND	ND	ND	ND
	2/13/2002	ND	ND	ND	ND	ND	ND
	5/22/2002	NC	NC	NC	NC	NC	NC
I	11/16/2001	4.6J	ND	ND	ND	ND	ND
	2/14/2002	5.0J	ND	ND	ND	ND	ND
	5/22/2002	2.3J	ND	ND	ND	ND	ND
	9/17/2002	ND	ND	ND	ND	ND	ND
	10/31/2002	4.2J	ND	ND	ND	ND	ND
J	11/16/2001	2.8J	ND	ND	ND	ND	ND
	2/14/2002	3.9J	ND	ND	ND	ND	ND
	5/22/2002	1.9J	ND	ND	ND	ND	ND
	9/17/2002	ND	ND	ND	ND	ND	ND
	10/31/2002	3.9J	ND	ND	ND	ND	ND

Continued on next page

Table 16. Concentrations of VOCs (volatile organic compounds)[1] in samples of surface water collected from the "low-lying area"; October & November 2002 Status Report; Coliseum

Sample Identifier	Sample Date	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]
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
	9/17/2002	2.2J	1.4J	ND	ND	ND	ND
	10/31/2002	5.5J	ND	ND	ND	ND	ND
L	11/16/2001	2.9J	ND	ND	ND	ND	ND
	2/14/2002	7.9J	ND	ND	ND	ND	ND
	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
	10/31/2002	3.4J	ND	ND	ND	ND	ND
M	11/16/2001	ND	ND	ND	ND	ND	ND
	2/14/2002	ND	ND	ND	ND	ND	ND
	5/22/2002	NC	NC	NC	NC	NC	NC
N	11/15/2001	7.0J	ND	ND	ND	ND	ND
	2/13/2002	16.8J	ND	ND	ND	ND	ND
	5/22/2002	7.6J	ND	ND	ND	ND	ND
	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
O	11/15/2001	NC	NC	NC	NC	NC	NC
	2/13/2002	ND	ND	ND	ND	ND	ND
	5/22/2002	NC	NC	NC	NC	NC	NC
	9/17/2002	ND	ND	1.0J	ND	ND	ND
	10/31/2002	2.5J	ND	ND	4.8J	15.3J	ND
P	11/15/2001	16.8J	ND	ND	ND	ND	ND
	2/13/2002	41.2	ND	ND	ND	ND	ND
	5/22/2002	22.4	ND	ND	ND	ND	ND
	9/17/2002	10.5J	ND	ND	ND	ND	ND
	10/31/2002	25.1	ND	ND	ND	ND	ND

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Table 16. Concentrations of VOCs (volatile organic compounds)[1] in samples of surface water collected from the "low-lying area"; October & November 2002 Status Report; Coliseum

Sample Identifier	Sample Date	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 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] The samples were analyzed 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 micrograms per liter 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 through P.

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

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

Table 17. Results of analyses of volatile organic compounds (VOCs)[1] in quality assurance / quality control samples; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Trichloroethylene	Chloromethane	Methylene Chloride
		[(Concentrations are Expressed in micrograms/liter (ug/L)]		
Sample Identifier	**Sample Date**	**1.0 µg/l [2]**	**1.0 µg/l [2]**	**1.0 µg/l [2]**
Blank (CMT wells)	10/17/2002	ND[3]	ND	ND
	10/18/2002	ND	ND	ND
	10/21/2002	ND	ND	ND
	10/22/2002	ND	ND	ND
	10/23/2002	ND	ND	3.1B[4]
	10/23/2002	ND	ND	3.3B
	10/24/2002	ND	ND	2.6B
	10/25/2002	ND	ND	ND
	10/28/2002	ND	ND	ND
Blank (Surface water)	10/15/2002	ND	ND	ND
Blank (Treated water)	10/8/2002	ND	ND	3.0J[5]
	10/10/2002	ND	ND	ND
	10/14/2002	ND	ND	ND
	10/15/2002	ND	1.6J	ND
	10/18/2002	ND	ND	ND
	10/29/2002	ND	ND	ND
	11/1/2002	ND	ND	ND
	11/4/2002	ND	ND	ND
	11/25/2002	ND	ND	ND
	11/26/2002	ND	ND	ND
	11/27/2002	ND	1.0J	ND

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Table 17. Results of analyses of volatile organic compounds (VOCs)[1] in quality assurance / quality control samples; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Trichloroethylene	Chloromethane	Methylene Chloride
		[(Concentrations are Expressed in micrograms/liter (ug/L)]		
Sample Identifier	**Sample Date**	**1.0 µg/l [2]**	**1.0 µg/l [2]**	**1.0 µg/l [2]**
Pump Rinse 1	10/1/2002	ND	ND	1.2J
Blank	10/1/2002	ND	ND	1.2J
Pump Rinse 1	10/4/2002	ND	ND	ND
Blank	10/4/2002	ND	ND	ND
Pump Rinse 1	10/7/2002	ND	ND	ND
Blank	10/7/2002	ND	ND	ND
Pump Rinse 1	10/8/2002	ND	ND	ND
Blank	10/8/2002	ND	ND	ND
Pump Rinse 1	10/9/2002	ND	ND	ND
Blank	10/9/2002	ND	ND	ND
Pump Rinse 1	10/10/2002	ND	ND	1.7J
Blank	10/10/2002	ND	ND	1.6J
Pump Rinse 1	10/11/2002	ND	ND	ND
Blank	10/11/2002	ND	ND	ND
Pump Rinse 1	10/14/2002	ND	ND	ND
Blank	10/14/2002	ND	ND	ND
Pump Rinse 1	10/16/2002	ND	ND	ND
Blank	10/16/2002	ND	ND	ND
Pump Rinse 1	10/17/2002	ND	ND	ND
Blank	10/17/2002	ND	ND	ND
Pump Rinse 1	10/21/2002	ND	ND	ND
Blank	10/21/2002	ND	ND	ND
Pump Rinse 1	10/22/2002	1.3J	ND	ND
Blank	10/22/2002	ND	ND	ND

Continued on next page

Table 17. Results of analyses of volatile organic compounds (VOCs)[1] in quality assurance / quality control samples; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Trichloroethylene	Chloromethane	Methylene Chloride
		[(Concentrations are Expressed in micrograms/liter (ug/L)]		
Sample Identifier	**Sample Date**	**1.0 µg/l [2]**	**1.0 µg/l [2]**	**1.0 µg/l [2]**
Pump Rinse 2	10/1/2002	ND	ND	1.5J
Blank	10/1/2002	ND	ND	1.2J
Pump Rinse 2	10/2/2002	ND	ND	ND
Blank	10/2/2002	ND	ND	ND
Pump Rinse 2	10/3/2002	ND	ND	ND
Blank	10/3/2002	ND	ND	ND
Pump Rinse 2	10/7/2002	ND	ND	ND
Blank	10/7/2002	ND	ND	ND
Pump Rinse 2	10/8/2002	ND	ND	ND
Blank	10/8/2002	ND	ND	ND
Pump Rinse 2	10/9/2002	ND	ND	ND
Blank	10/9/2002	ND	ND	ND
Pump Rinse 2	10/10/2002	ND	ND	ND
Blank	10/10/2002	ND	ND	ND
Pump Rinse 2	10/11/2002	ND	ND	ND
Blank	10/11/2002	ND	ND	ND
Pump Rinse 2	10/14/2002	ND	ND	ND
Blank	10/14/2002	ND	ND	ND
Rinse Bladder Pump #1	10/2/2002	ND	ND	ND
Blank	10/2/2002	ND	ND	ND
Rinse Bladder Pump #1	10/3/2002	ND	ND	1.1J
Blank	10/3/2002	ND	1.3J	1.1J

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Table 17. Results of analyses of volatile organic compounds (VOCs)[1] in quality assurance / quality control samples; October & November 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Identifier	Sample Date	Trichloroethylene	Chloromethane	Methylene Chloride
		[(Concentrations are Expressed in micrograms/liter (ug/L)]		
		1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
Rinse (CMT Tube)	10/17/2002	ND	ND	ND
Blank	10/17/2002	ND	ND	ND
Rinse (Core Barrel)	10/2/2002	ND	ND	ND
Blank	10/1/2002	ND	ND	ND
Rinse (Core Barrel)	10/8/2002	ND	ND	ND
Blank	10/8/2002	ND	ND	ND
Rinse (Core Barrel)	10/9/2002	ND	ND	1.7J
Blank	10/9/2002	ND	ND	1.6J
Rinse (Core Barrel)	10/11/2002	ND	ND	ND
Blank	10/11/2002	ND	ND	ND
Rinse (Core Barrel)	10/16/2002	ND	ND	ND
Blank	10/16/2002	ND	ND	ND
Rinse Hand Auger	10/31/2002	ND	ND	ND
Blank	10/31/2002	ND	ND	ND

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] MDL - Method Detection Limit of 1.0 microgram per liter for the laboratory analyses

[3] ND - Not detected

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

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

DEPARTMENT OF TRANSPORTATION

October & November 2002
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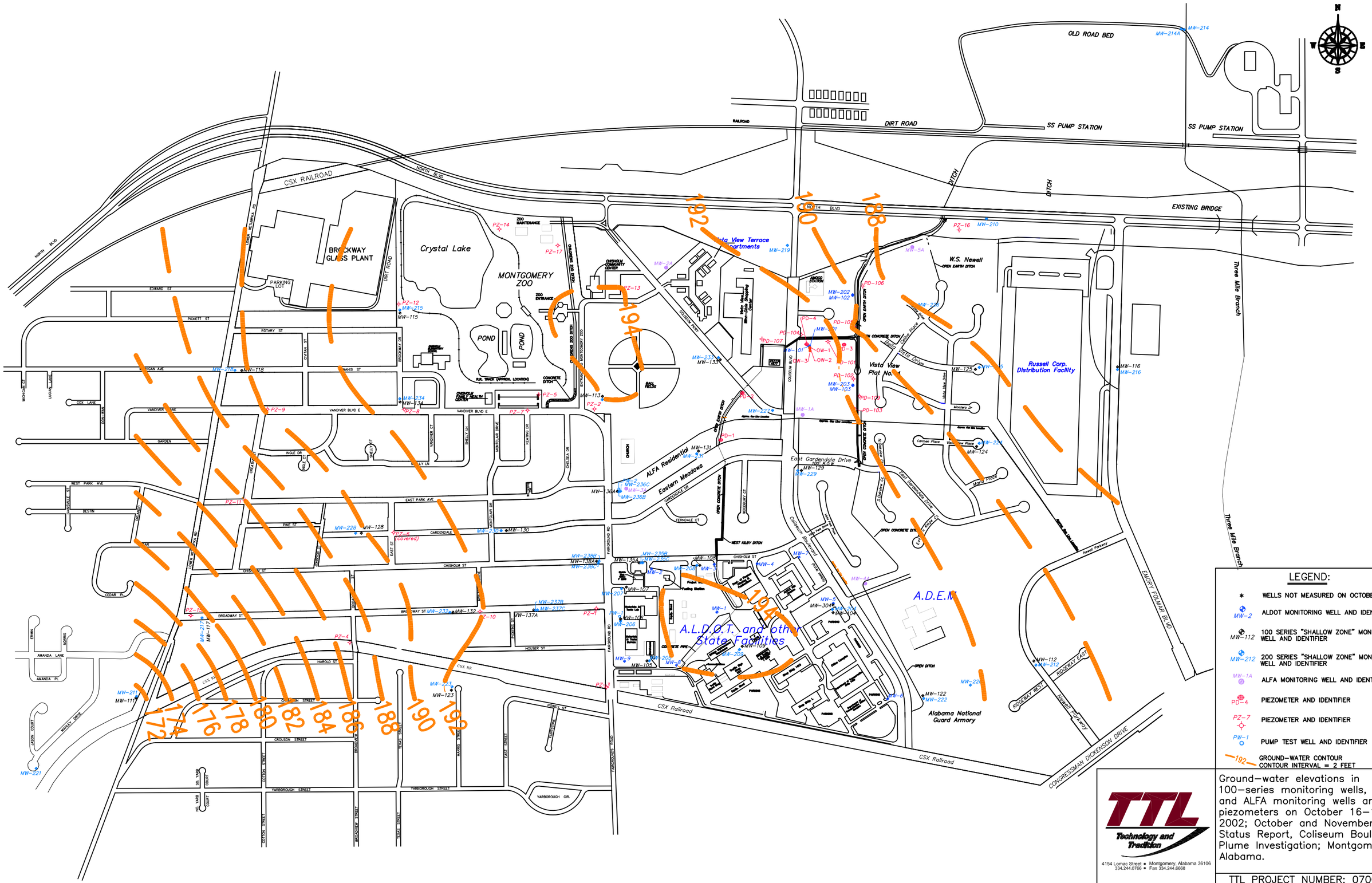
FIGURES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DIRT ROAD
SS PUMP STATION
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RAILROAD
CSX RAILROAD
NORTH BLVD
DITCH
DITCH
EXISTING BRIDGE
Three Mile Branch
BROCKWAY GLASS PLANT
PARKING LOT
Crystal Lake
MONTGOMERY ZOO
POND
POND
ZOO MAINTENANCE
ZOO ENTRANCE
CHISHOLM COMMUNITY CENTER
CHISHOLM FAMILY HEALTH CENTER
BALL FIELDS
CHURCH
ALFA Residential
Eastern Meadows
Vista View Terrace Apartments
Vista View Strip-Mall Shopping Center
AMOCO STATION
Vista View Plat No. 1
W.S. Newell
OPEN EARTH DITCH
OPEN CONCRETE DITCH
Russell Corp. Distribution Facility
East Gardendale Drive
Coliseum Boulevard
WEST KILBY DITCH
A.D.E.M.
A.L.D.O.T. and other State Facilities
Alabama National Guard Armory
OPEN DITCH
CONGRESSMAN DICKENSON DRIVE
EMORY FOLMAR BLVD
Newell Parkway
RIDGEWAY WEST
RIDGEWAY EAST
CSX Railroad
EDWARD ST
PICKETT ST
ROTARY ST
HANNIS ST
VANDIVER BLVD E
GARDEN
INGLE DR
SHELLY LN
WEST PARK AVE
EAST PARK AVE
PINE ST
GARDENDALE
CHISHOLM ST
BROADWAY ST
HOUSER ST
HAROLD ST
CHAMPION STREET
CROUSON STREET
YARBOROUGH STREET
YARBOROUGH CIR.
POWELL ST
EAST STREET
TEXAS STREET
HARRIS STREET
BROADWAY STREET
FARMBOROUGH ROAD
AMANDA LANE
AMANDA PL.
HARLEY DRIVE
JASON COURT
CEDAR PL.
DESTIN
COX LANE
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MW-111
MW-217
MW-117
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MW-214
MW-215
MW-216
MW-217
MW-218
MW-219
MW-220
MW-221
MW-222
MW-223
MW-224
MW-229
MW-232
MW-233
MW-234
MW-235B
MW-236B
MW-236C
MW-237B
MW-237C
MW-238B
MW-238C
MW-304
PZ-1
PZ-2
PZ-3
PZ-4
PZ-5
PZ-6 (covered)
PZ-7
PZ-8
PZ-9
PZ-10
PZ-11
PZ-12
PZ-13
PZ-14
PZ-15
PZ-16
PZ-17
PD-1
PD-2
PD-3
PD-4
PD-101
PD-102
PD-103
PD-104
PD-105
PD-106
PD-107
PD-108
PD-109
OW-1
OW-2
OW-3
PW-1
PW-2
PW-3
PW-4
PW-5
PW-6
PW-7
PW-8
PW-9
PW-10
PW-11
PW-12
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PW-14
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PW-18
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PW-26
PW-27
PW-28
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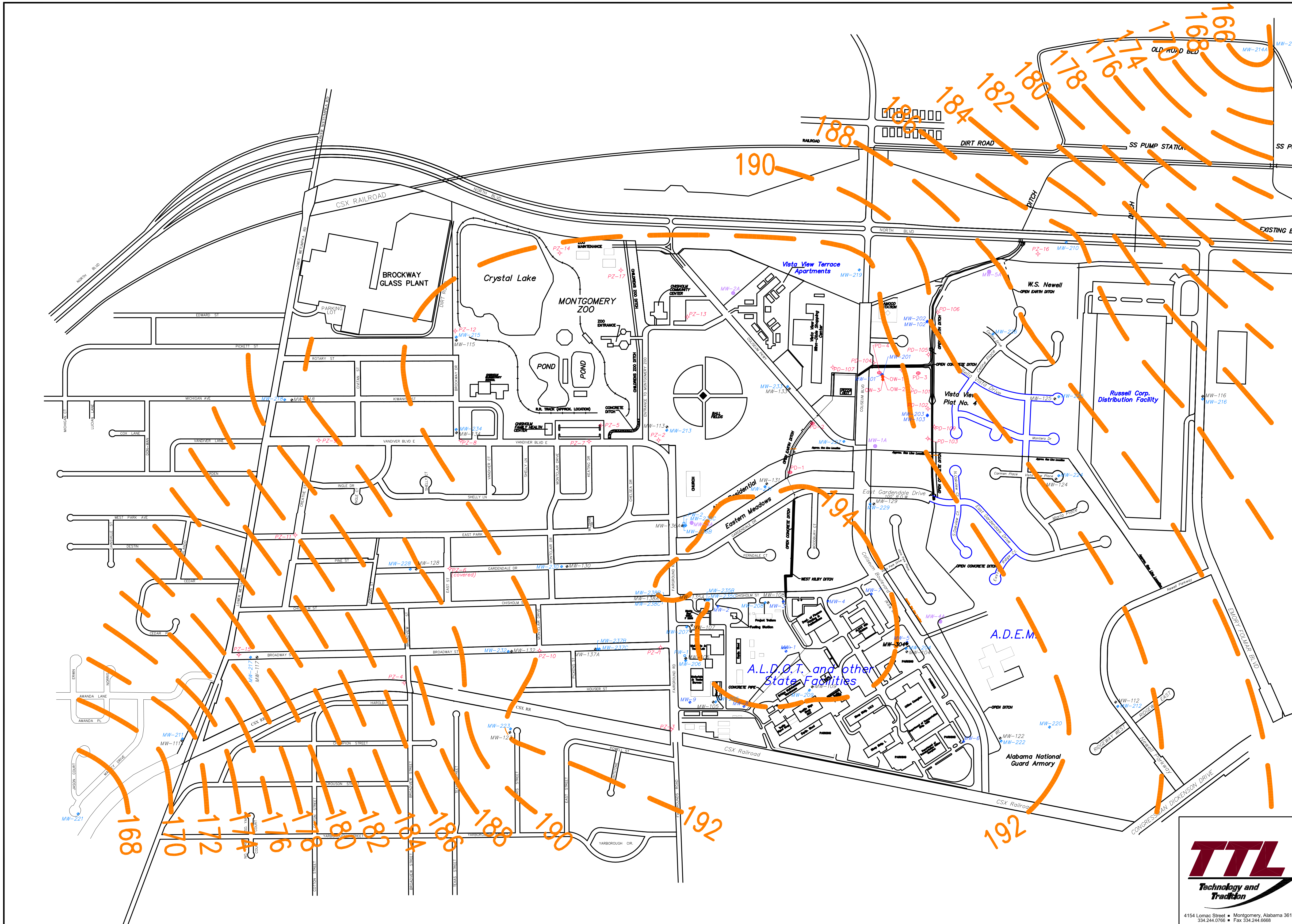
PW-37
PW-38
PW-39
PW-40



LEGEND:

MW-212	200 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER
MW-2	ALDOT MONITORING WELL AND IDENTIFIER
MW-112	100 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER
MW-1A	ALFA MONITORING WELL AND IDENTIFIER
PD-4	PIEZOMETER AND IDENTIFIER
PZ-7	PIEZOMETER AND IDENTIFIER
PW-1	PUMP TEST WELL AND IDENTIFIER
194	GROUND-WATER CONTOUR (FEET AMSL) CONTOUR INTERVAL = 2 FEET

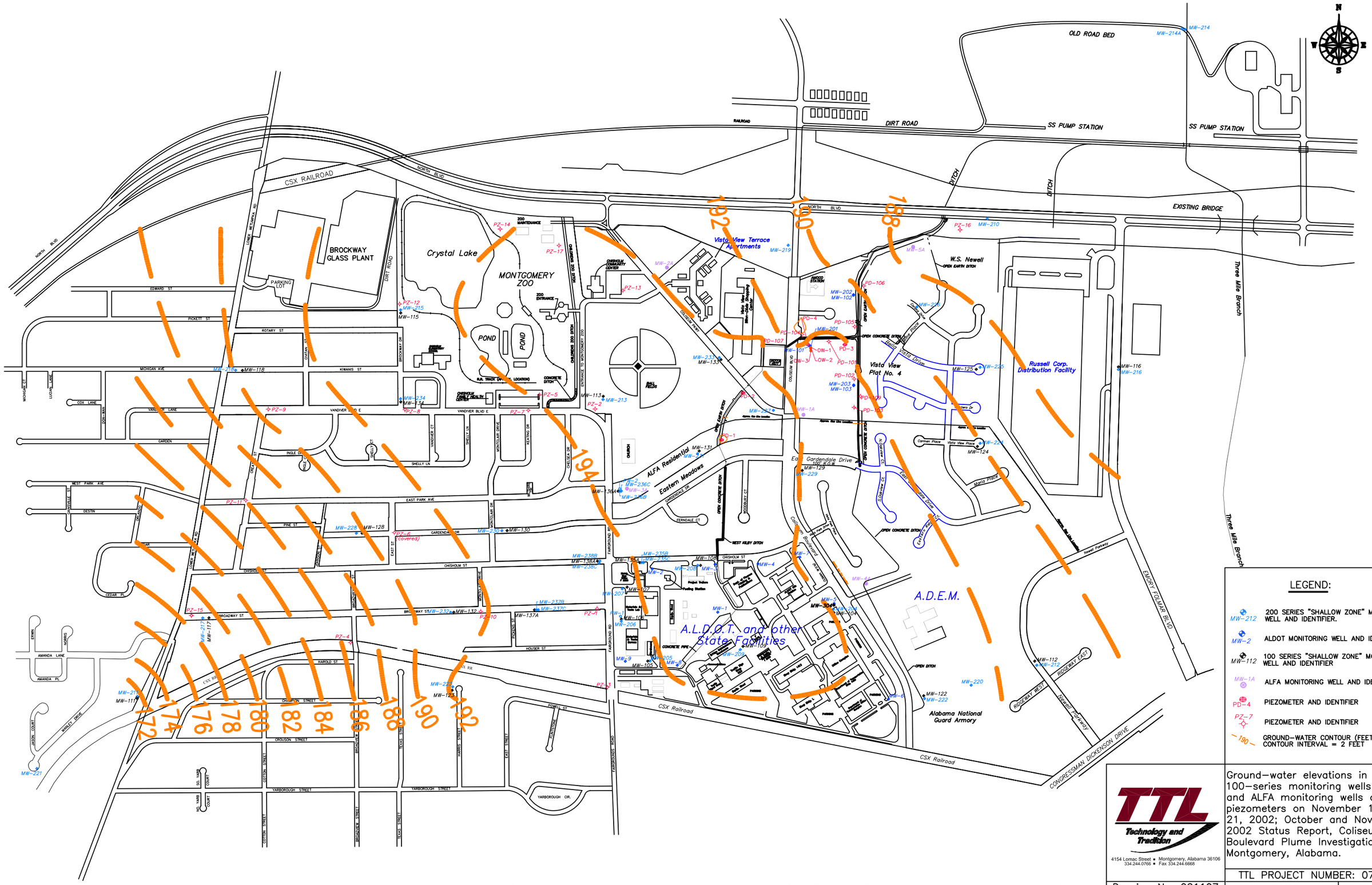
Note: Base map is a composite of an initial base map compiled by Goodwyn, Mills & Cawood Environmental Consultants, Inc. and a June 16, 2000 map by Larry E. Speaks & Associates. The June 16, 2000 map of Larry Speaks & Associates was compiled from maps provided by TTL, Inc. and the Montgomery, Alabama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

TTL Technology and Tradition

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

Ground-water elevations in 200-series monitoring wells on October 16-17, 2002; October and November 2002 Status Report, Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Drawing No. 021115.1	TTL PROJECT NUMBER: 0700-024
SCALE: 1" = 800'	Figure 2



LEGEND:

MW-212	200 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER.
MW-2	ALDOT MONITORING WELL AND IDENTIFIER
MW-112	100 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER
MW-1A	ALFA MONITORING WELL AND IDENTIFIER
PD-4	PIEZOMETER AND IDENTIFIER
PZ-7	PIEZOMETER AND IDENTIFIER
190	GROUND-WATER CONTOUR (FEET AMSL) CONTOUR INTERVAL = 2 FEET

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
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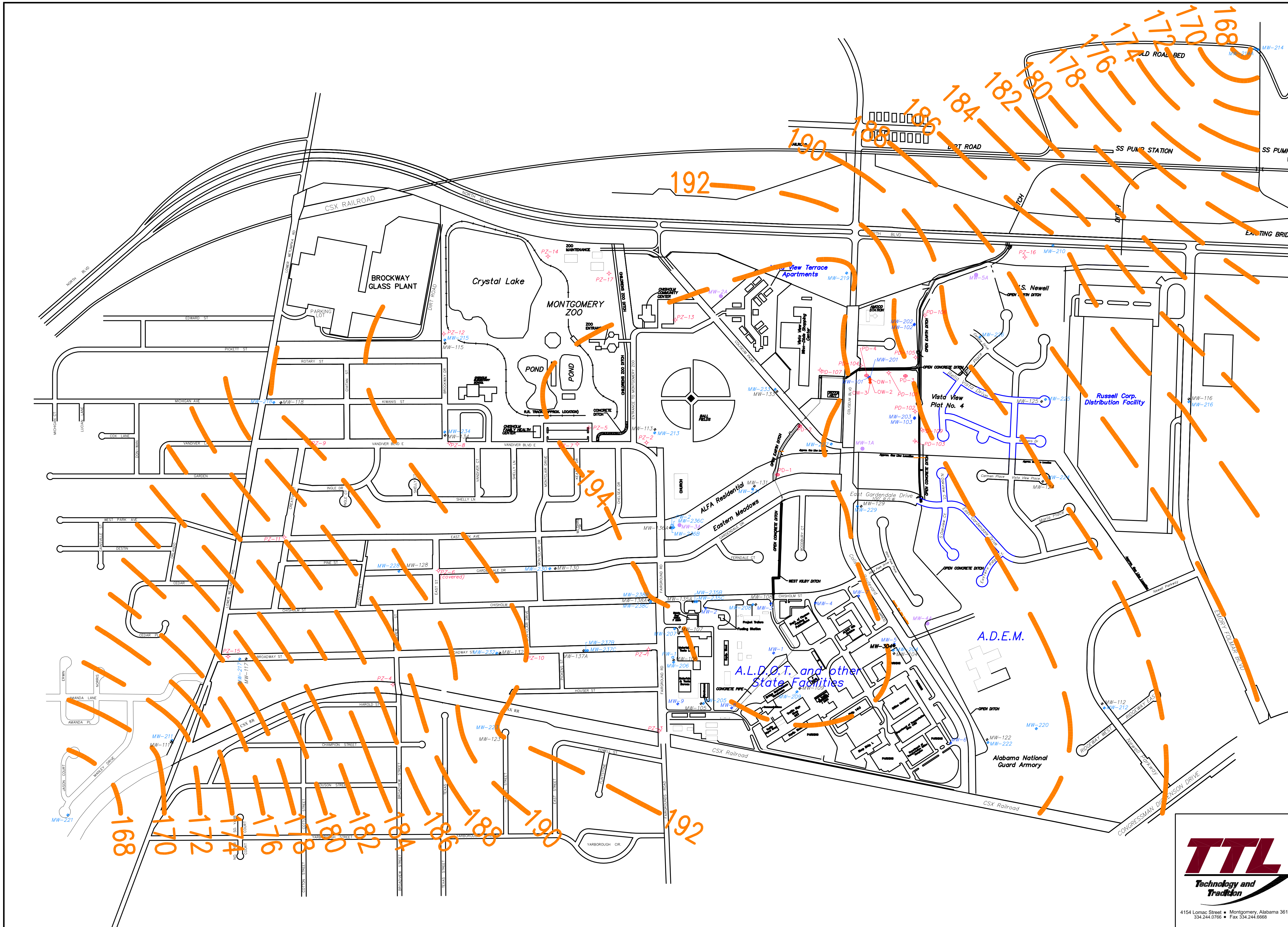
Ground-water elevations in 100-series monitoring wells, ALDOT and ALFA monitoring wells and piezometers on November 19 and 21, 2002; October and November 2002 Status Report, Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Drawing No. 021107

TTL PROJECT NUMBER: 0700-024

SCALE: 1" = 800'

Figure 3



Ground-water elevations in 200-series monitoring wells on November 19 and 21, 2002; October and November 2002 Status Report, Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

TTL Technology and Tradition
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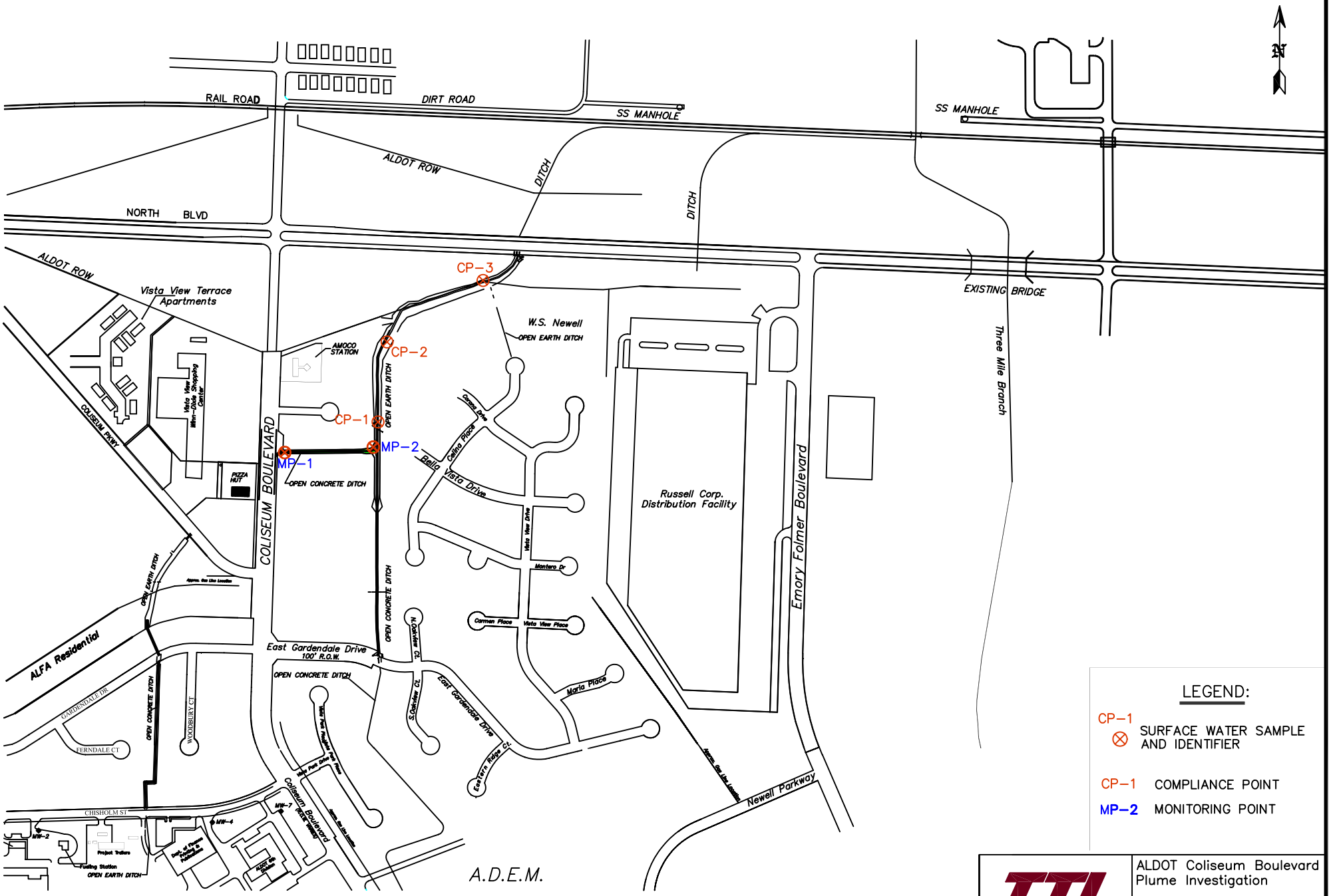
334.244.0766 • Fax 334.244.6668

Drawing No. 021107.1 | TTL PROJECT NUMBER: 0700-024 | SCALE: 1" = 800' | Figure 4

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.

TTL Technology and Tradition

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334.244.0766 ▪ Fax 334.244.6668

Drawing No. 030115

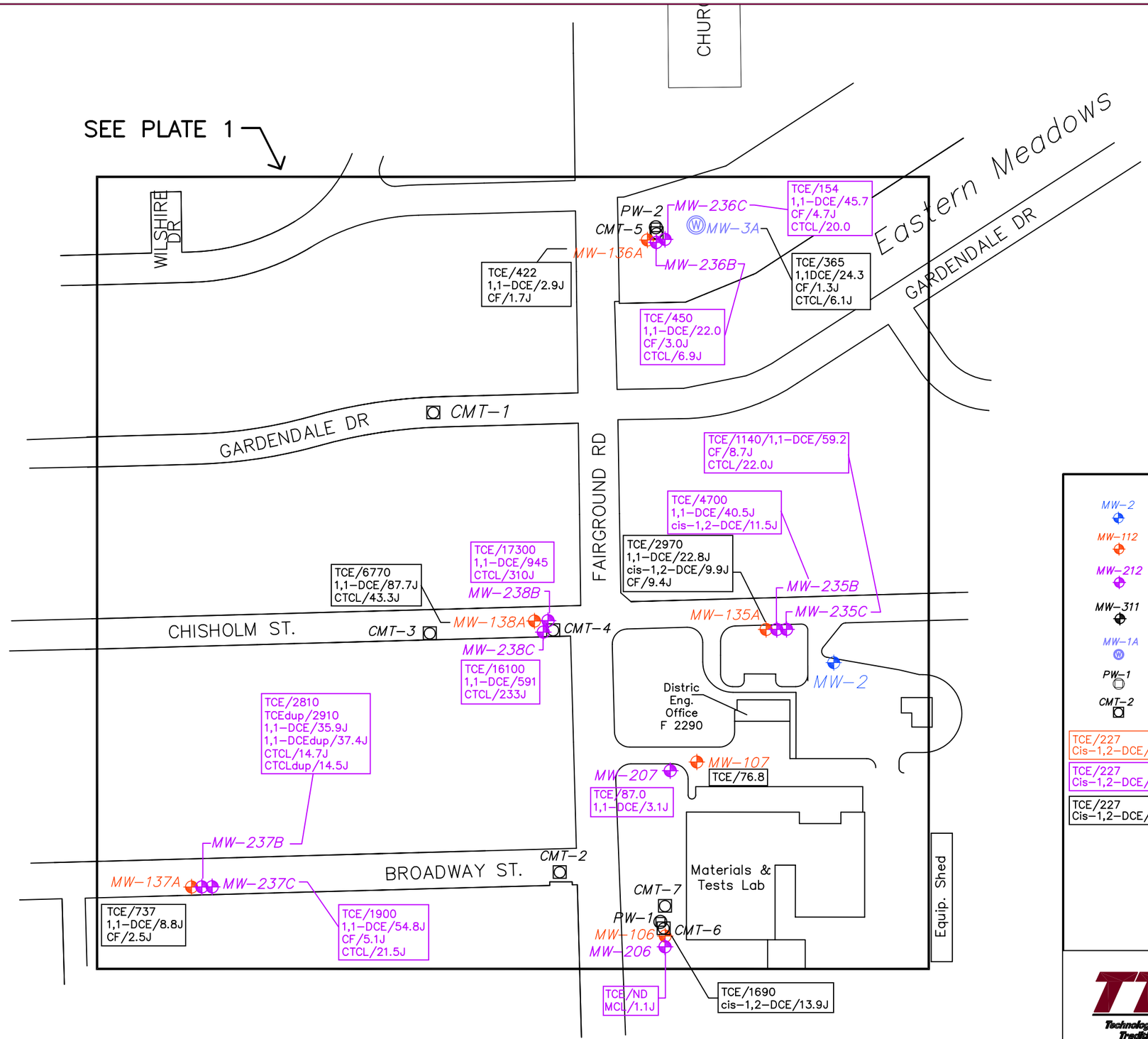
ALDOT Coliseum Boulevard Plume Investigation

Locations of Surface Water Samples

TTL PROJECT NUMBER: 0700-024

SCALE: 1" = 700'

Figure 5



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)

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

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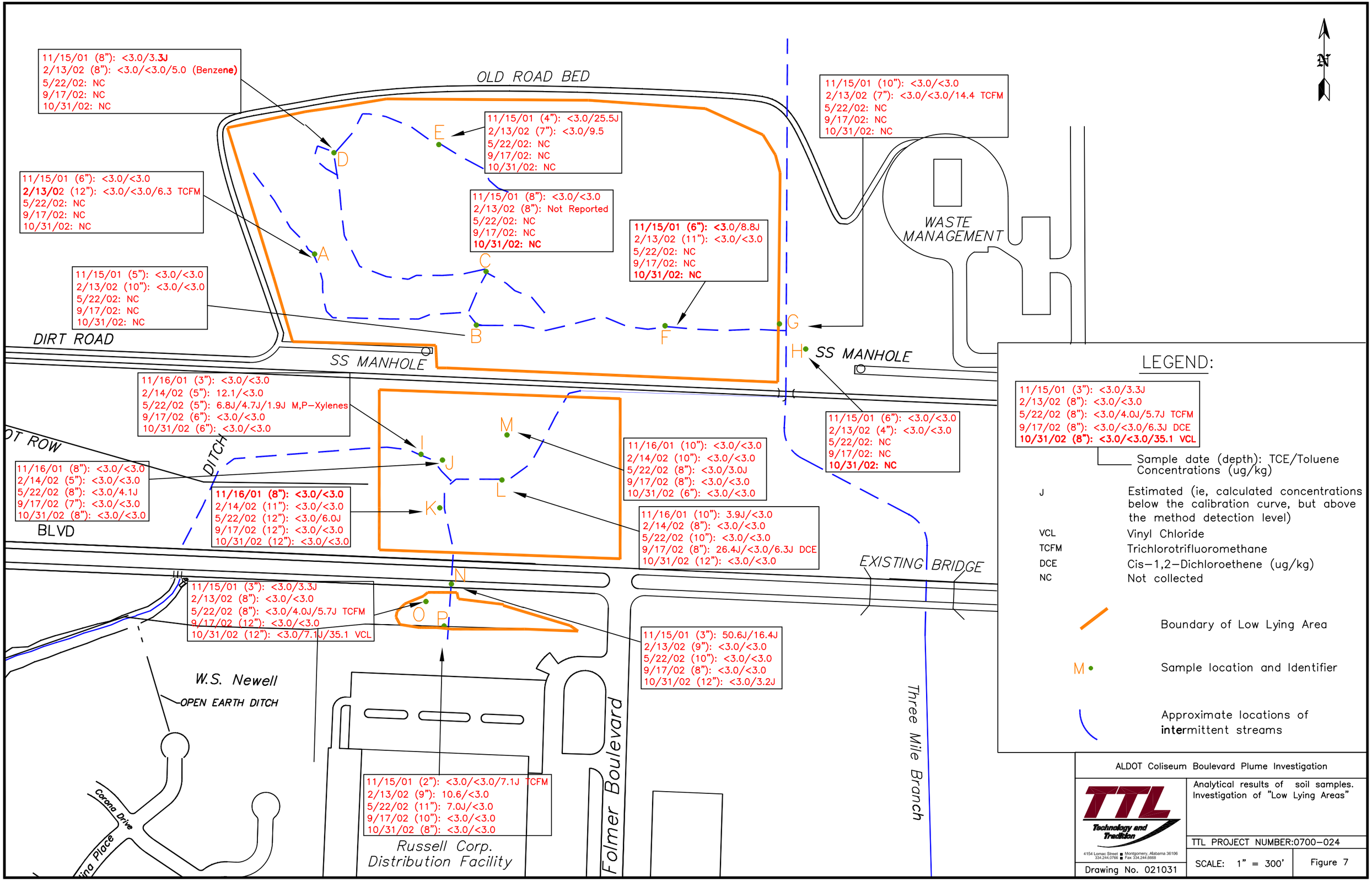
Concentrations of VOCs in ground-water samples from 100, 200 and 300 series monitoring wells collected in October 2002; October and November Status Report, Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

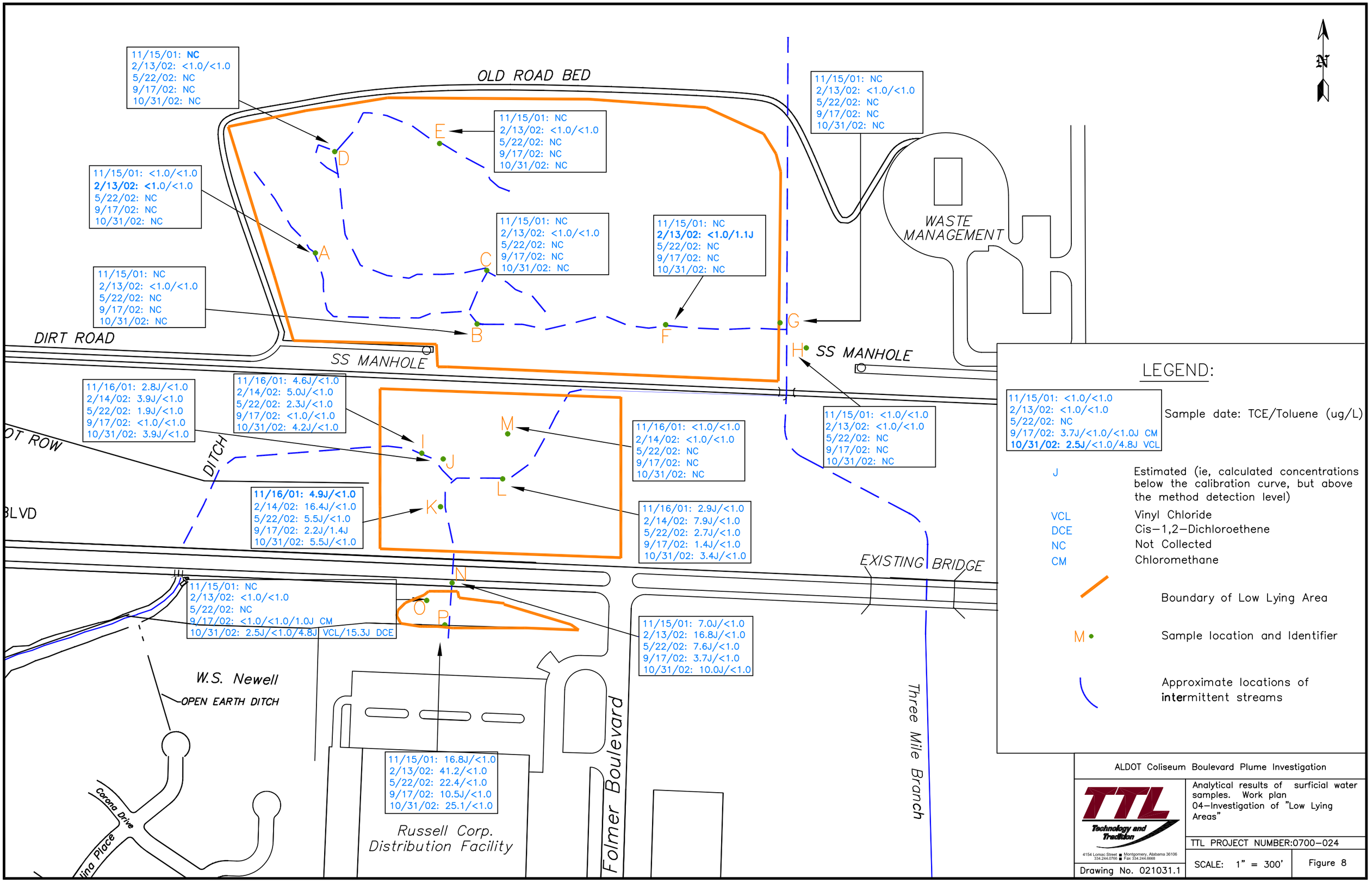
TTL PROJECT NUMBER:0700-024

Drawing No. 021118.1

SCALE: 1" = 180'

Figure 6

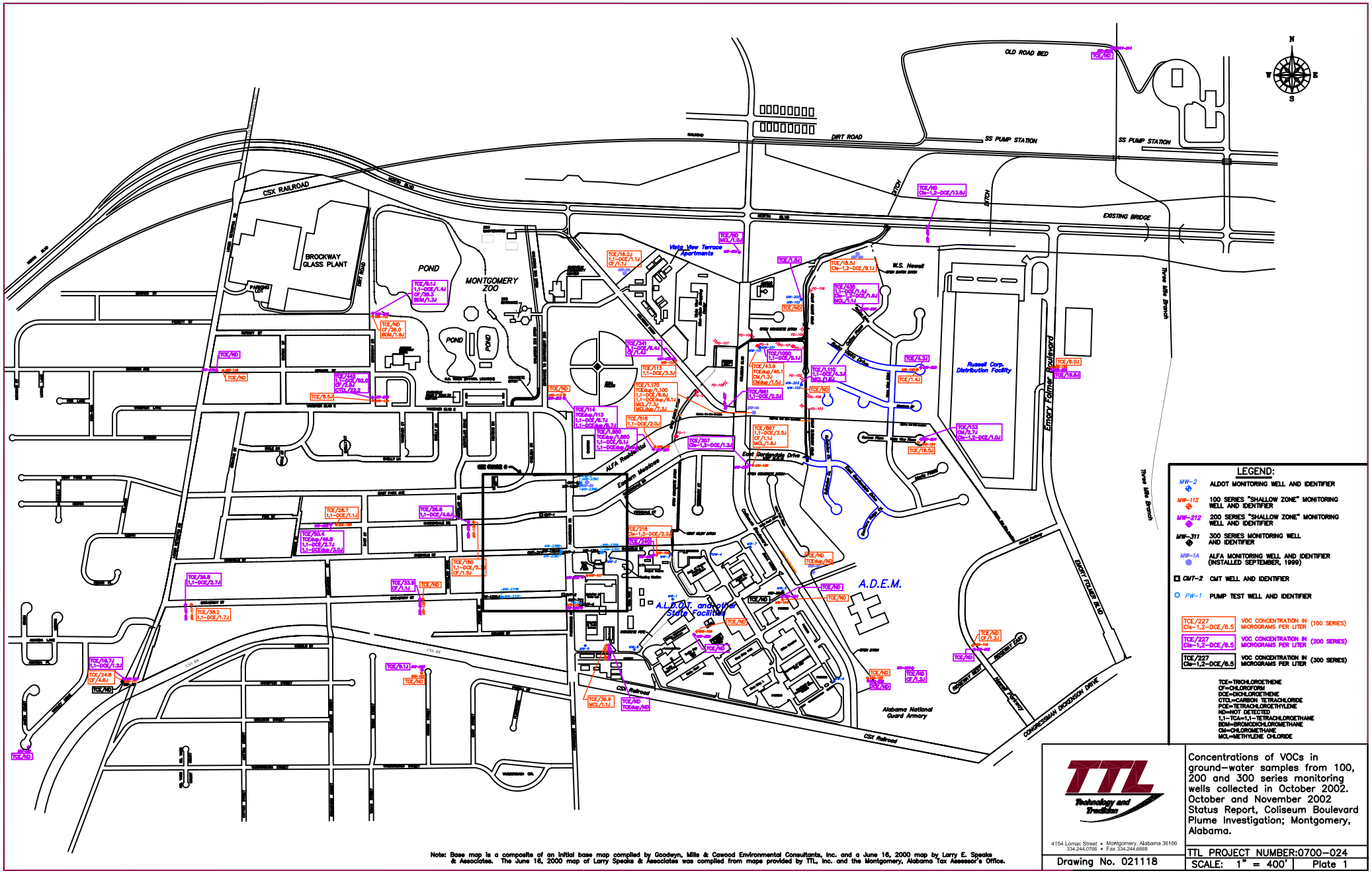

OLD ROAD BED
11/15/01 (8"): <3.0/3.3J
2/13/02 (8"): <3.0/<3.0/5.0 (Benzene)
5/22/02: NC
9/17/02: NC
10/31/02: NC
11/15/01 (4"): <3.0/25.5J
2/13/02 (7"): <3.0/9.5
5/22/02: NC
9/17/02: NC
10/31/02: NC
11/15/01 (10"): <3.0/<3.0
2/13/02 (7"): <3.0/<3.0/14.4 TCFM
5/22/02: NC
9/17/02: NC
10/31/02: NC
11/15/01 (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 7


N
OLD ROAD BED
11/15/01: NC
2/13/02: <1.0/<1.0
5/22/02: NC
9/17/02: NC
10/31/02: NC
D
E
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
A
C
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
B
F
G
H
WASTE MANAGEMENT
DIRT ROAD
SS MANHOLE
SS MANHOLE
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
OT ROW
DITCH
I
J
M
L
K
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
11/15/01: <1.0/<1.0
2/13/02: <1.0/<1.0
5/22/02: NC
9/17/02: NC
10/31/02: NC
11/16/01: 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: 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
BLVD
EXISTING BRIDGE
N
O
P
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
W.S. Newell
OPEN EARTH DITCH
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
Russell Corp.
Distribution Facility
Corona Drive
lina Place
Folmer Boulevard
Three Mile Branch
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 8

DEPARTMENT OF TRANSPORTATION

October & November 2002
Status Report
Coliseum Boulevard Plume Investigation

PLATE



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.

DEPARTMENT OF TRANSPORTATION

October & November 2002
Status Report
Coliseum Boulevard Plume Investigation

ATTACHMENTS

ATTACHMENT A
ANALYTICAL RESULTS
(Refer to GIS Database)
&
BORING LOG FOR MW-135A

ATTACHMENT B
Boring Logs

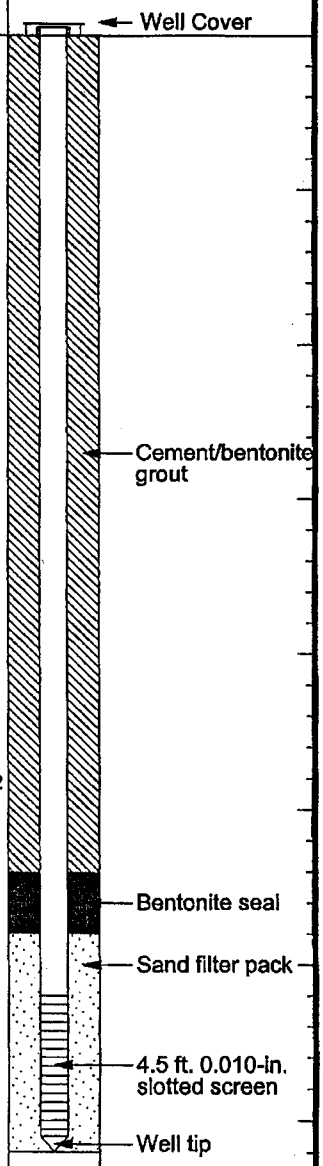
TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING MW 135A & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	09/30/2002
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	2" PVC
DRILLER	R. Stiles	SCREEN SLOT/TYPE	0.010-in. slotted PVC
DRILLING METHOD	Versa Sonic w/4" & 6" ID Coring Rods	FILTER PACK TYPE	Gravel Pack #1
		TOP OF CASING	217.50 Ft. AMSL
REMARKS	*Chisholm St. near probehole location 28	GROUND ELEVATION	217.95 Ft. AMSL
		DEPTH TO WATER	23.50 Ft. BMP
		WATER ELEVATION	194.00 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	
					0	CLAY, red (2.5YR 5/8) & yellow (2.5Y 7/6), sandy w/mica	
					0		
					0		
					0		
5		CL			0		
					0		
					0		
					0		
					0		
			9 - 10	80	0	SAND, yellowish-red (5YR 5/8), fine grained & silty w/mica	
10					0		
					0		
					0		
					0		
		SM			0		
15					0		
					0		
					0		
					3.9	SAND, reddish-yellow, fine grained w/mica & glauconite, silty	
			19 - 20	60	0.8		
20					0	SAND, pale yellow (2.5Y 7/4), fine to very coarse grained w/approx. 30% fine to coarse gravel	
					0		
		SP SM			0		
					0		
					0		▼ 10/10/02
25					0		
		SM			0	SAND, light gray (5Y 7/1) & brownish-yellow (10YR 6/8), fine grained, slightly clayey, silty w/mica & glauconite w/<5% fine to coarse gravel	
					0		
					0	SAND, olive yellow (2.5Y 6/6), fine to med. grained w/occ. (<5%) fine to med. gravel	
					0		
30		SC SM			0	SAND, pale yellow (5Y 8/2) & brownish-yellow, fine to med. grained, slightly clayey w/mica & glauconite	
					0		
					0		
					0	SAND, pale yellow, fine to med. grained, silty w/mica & glauconite	
		SM			0.6		
35					0		
					0		

BORING TERMINATED AT 36 FEET.

WELL DIAGRAM



Coliseum Blvd. Plume
F:\SECRETARY\2000\0700\0240\PH34 52.GPJ 10/29/02 Report:TTL WELL LOG Template:TTLENV.GDT

TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING MW 235B & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	10/01/2002
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	2" PVC
DRILLER	R. Stiles	SCREEN SLOT/TYPE	0.010-in. slotted PVC
DRILLING METHOD	Versa Sonic w/4" & 6" ID Coring Rods	FILTER PACK TYPE	Gravel Pack #1
		TOP OF CASING	217.35 Ft. AMSL
REMARKS	*Chisholm St. near probehole location 28	GROUND ELEVATION	217.73 Ft. AMSL
		DEPTH TO WATER	23.36 Ft. BMP
		WATER ELEVATION	193.99 Ft. AMSL

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	WELL DIAGRAM
					0	Asphalt		Well Cover
		CL			0	CLAY, red (2.5YR 5/8) & yellow (2.5YR 7/6), sandy w/mica		
5					0			
10		SM			0	SAND, yellowish-red (5YR 5/8), fine grained, silty w/mica		
15					0	SAND, yellow (2.5Y 7/6), fine grained, silty w/mica & glauconite		Cement/bentonite grout
20		SP SM			0	SAND, pale yellow (2.5YR 2/4) & yellow (2.5Y 5/6), fine to very coarse grained w/approx. 40% fine to coarse gravel		
25					0	Pale yellow (2.5Y 8/3) & yellow (2.5Y 2/6), fine to very coarse grained w/< 5% fine to coarse gravel	10/10/02	
30					0	SAND, pale yellow (2.5Y 7/3), fine grained, silty, slightly clayey w/mica & glauconite		
					0	SAND, pale yellow (5Y 8/4) & brownish-yellow (10YR 6/8), fine to med. grained, silty w/mica & glauconite		
					0	Pale yellow, fine to med. grained, silty w/mica & glauconite		

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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 235B & WELL CONSTRUCTION

PROJECT NUMBER 0700-024 **GEOLOGIST** S. Grammas
LOCATION Montgomery, AL* **DATE(S) DRILLED** 10/01/2002

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	WELL DIAGRAM
		SM			0			Bentonite seal
					0			
					0			Sand filter pack
					0			
					0			
40					0			
					1.7			
					0			4.5 ft. 0.010-in. slotted screen
					0.8	SAND, light gray (5Y 7/2), fine to coarse grained, silty w/mica & glauconite		
					0			
45						BORING TERMINATED AT 45 FEET.		Well tip

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TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING MW 235C & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	10/01/2002
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	2" PVC
DRILLER	R. Stiles	SCREEN SLOT/TYPE	0.010-in. slotted PVC
DRILLING METHOD	Versa Sonic w/4" & 6" ID Coring Rods	FILTER PACK TYPE	Gravel Pack #1
		TOP OF CASING	216.91 Ft. AMSL
REMARKS	*Chisholm St. near probehole location 28	GROUND ELEVATION	217.44 Ft. AMSL
		DEPTH TO WATER	22.92 Ft. BMP
		WATER ELEVATION	193.99 Ft. AMSL

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	WELL DIAGRAM
					0	CLAY, red (2.5YR 5/8) & yellow (7.5Y 7/6), sandy w/mica		← Well Cover
					0			
					0			
					0			
					0			
5		CL			0			
					0			
					0			
					0			
					0			
10					0	SAND, yellowish-red (5YR 5/0), fine grained, silty w/mica		
					0			
					0			
					0			
					0			
15		SM			0			
					0			
					0			
					0	SAND, yellow (2.5Y 7/6), fine grained, silty w/mica & glauconite		
					0			
20					0			
					0	SAND, brownish-yellow (10YR 6/8), fine to very coarse grained w/approx. 40% fine to coarse gravel		
					0	SAND, brownish-yellow, fine to coarse grained		
					0		▼ 10/10/02	Cement/bentonite grout
		SP SM			0			
25					0			
					0	SAND, brownish-yellow, fine to very coarse grained w/approx. 50% fine to coarse gravel		
					0			
					0	SAND, yellow (5Y 7/6) & pale yellow (5Y 8/2), fine to med. grained, silty w/mica & glauconite		
					0			
30					2.1			
					0			
					0			
					0.6			
					0			

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TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING MW 235C & WELL CONSTRUCTION

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

LOCATION Montgomery, AL* **DATE(S) DRILLED** 10/01/2002

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	WELL DIAGRAM
					0			
					0			
					0			
					1.0			
		SM			0	SAND, yellow, fine to coarse grained, silty w/mica & glauconite		
40					0			
					0			
					0			
					0			
					0			
					0			
45					2.0			
					0			
					0			Bentonite seal
					0			
					0			Sand filter pack
50					0.2			
		SC			0	SAND, yellowish-brown (10YR 5/6) & pale yellow, fine grained, silty & clayey		
					0			
		SM			0	SAND, pale yellow, fine to coarse grained, silty w/mica & glauconite		4.5 ft. 0.010-in. slotted screen
		SC			0	SAND, pale yellow & brownish-yellow, fine grained, clayey		
55		CL				CLAY, gray (2.5Y 7/1), silty w/mica		Well tip
						BORING TERMINATED AT 55 FEET.		

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TTL Technology and Tradition

ALABAMA DEPT. OF TRANSPORTATION
COLISEUM BLVD. PLUME

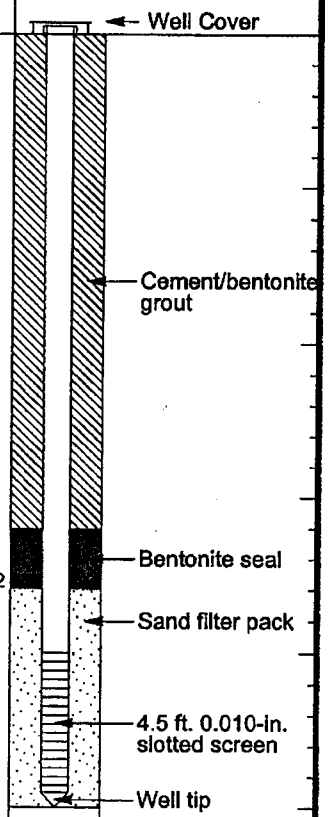
LOG OF BORING MW 136A & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	10/04/2002
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	2" PVC
DRILLER	R. Stiles	SCREEN SLOT/TYPE	0.010-in. slotted PVC
DRILLING METHOD	Versa Sonic w/4" & 6" ID Coring Rods	FILTER PACK TYPE	Gravel Pack #1
		TOP OF CASING	211.14 Ft. AMSL
REMARKS	*Eastern Meadows (Alfa Property)	GROUND ELEVATION	211.37 Ft. AMSL
		DEPTH TO WATER	17.33 Ft. BMP
		WATER ELEVATION	193.81 Ft. AMSL

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE
		CL			0	CLAY, red (2.5YR 5/8) & light gray, sandy, micaceous	
5					0		
10					0	CLAY, strong brown (7.5 YR 5/8), red & light gray, sandy, micaceous	
15					0	CLAY, strong brown & light gray, less sandy, silty	
		SW			0	SAND, brownish-yellow (10YR 6/8), fine to very coarse grained w/approx. 5% fine gravel; SAND, dark yellowish-brown (10YR 4/6) & very dark brown (10YR 2/2), fine to very coarse grained w/approx. 40% fine to med. gravel	10/17/02
20					0		
25		SM			0	SAND, brownish-yellow & pale yellow, fine grained, silty w/mica & glauconite	

BORING TERMINATED AT 25 FEET.

WELL DIAGRAM



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TTL Technology and Tradition

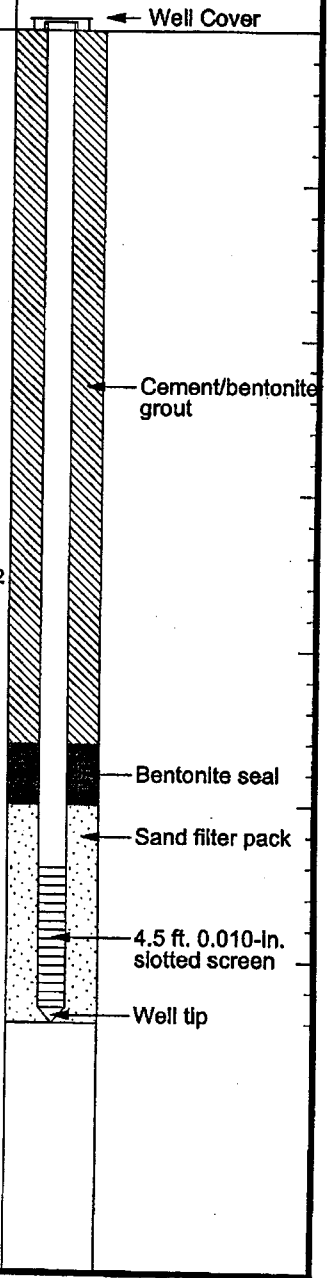
ALABAMA DEPT. OF TRANSPORTATION
COLISEUM BLVD. PLUME

LOG OF BORING MW 236B & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	10/03/2002
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	2" PVC
DRILLER	R. Stiles	SCREEN SLOT/TYPE	0.010-in. slotted PVC
DRILLING METHOD	Versa Sonic w/4" & 6" ID Coring Rods	FILTER PACK TYPE	Gravel Pack #1
		TOP OF CASING	211.01 Ft. AMSL
REMARKS	*Eastern Meadows (Alfa Property)	GROUND ELEVATION	211.29 Ft. AMSL
		DEPTH TO WATER	17.20 Ft. BMP
		WATER ELEVATION	193.81 Ft. AMSL

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE
		CL			0	CLAY, red (2.5YR 5/8) & light gray (5Y 7/2), sandy, micaceous	
5					0		
10					0		
					0	Strong brown (7.5YR 5/8) & light gray, sandy, micaceous	
15					0	Strong brown & light gray, silty w/mica	
		SP			0	SAND, brownish-yellow (2.5Y 7/6), fine to very coarse grained w/approx. 40% fine to coarse gravel	10/17/02
20					0		
		GP			0	GRAVEL, dark brown, fine to med. w/fine to very coarse sand	
25		SM			0	SAND, brownish-yellow (10YR 6/8) & pale yellow (2.5Y 8/3), fine grained, silty w/mica & glauconite	
30					0		
						BORING TERMINATED AT 32 FEET.	

WELL DIAGRAM



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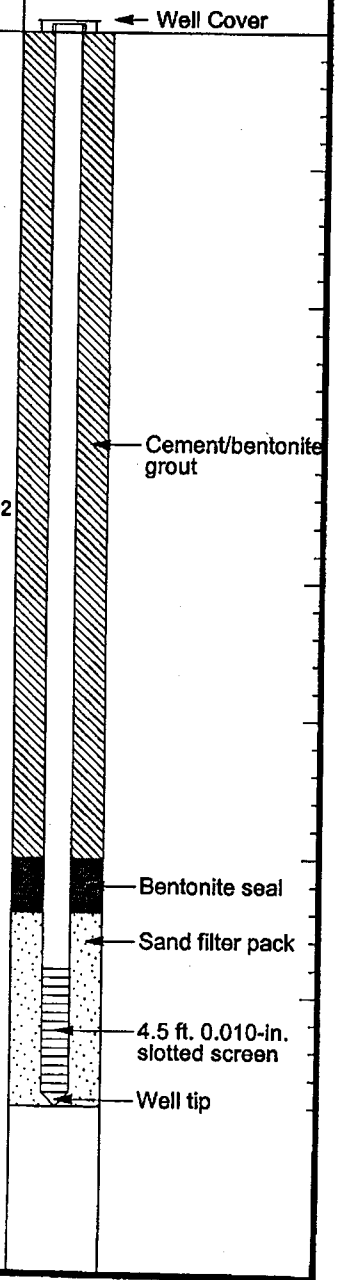
ALABAMA DEPT. OF TRANSPORTATION
COLISEUM BLVD. PLUME

LOG OF BORING MW 236C & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	10/09/2002
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	2" PVC
DRILLER	R. Stiles	SCREEN SLOT/TYPE	0.010-in. slotted PVC
DRILLING METHOD	Versa Sonic w/4" & 6" ID Coring Rods	FILTER PACK TYPE	Gravel Pack #1
		TOP OF CASING	210.62 Ft. AMSL
REMARKS	*Eastern Meadows (Alfa Property)	GROUND ELEVATION	210.98 Ft. AMSL
		DEPTH TO WATER	16.80 Ft. BMP
		WATER ELEVATION	193.82 Ft. AMSL

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE
0–18		CL			0	CLAY, red (2.5YR 5/8) & light gray (5Y 7/2), sandy, micaceous	
18–20		SM			0	Strong brown (7.5YR 5/8) & light gray, sandy, micaceous	10/17/02
20–25		SP			0	SAND, brownish-yellow (10YR 6/6) & pale yellow (5Y 8/2), fine grained, silty, slightly clayey w/mica	
25–27		GP			0	SAND, brownish-yellow (10YR 6/8), fine to coarse grained w/~10% fine to coarse gravel	
27–30		GP			0	Approx. 40% fine to coarse gravel	
30–35		SM			0	GRAVEL, dark yellowish-brown (10YR 4/6) & very dark brown w/fine to very coarse sand	
35–39		SM			0	SAND, brownish-yellow (10YR 6/8) & pale yellow, fine grained silty w/mica & glauconite	
39–39					0	Fine to med. grained, silty w/mica & glauconite	
39–39					0	Fine to coarse grained, silty w/mica & glauconite	
39					0	BORING TERMINATED AT 39 FEET.	

WELL DIAGRAM



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Technology and Tradition

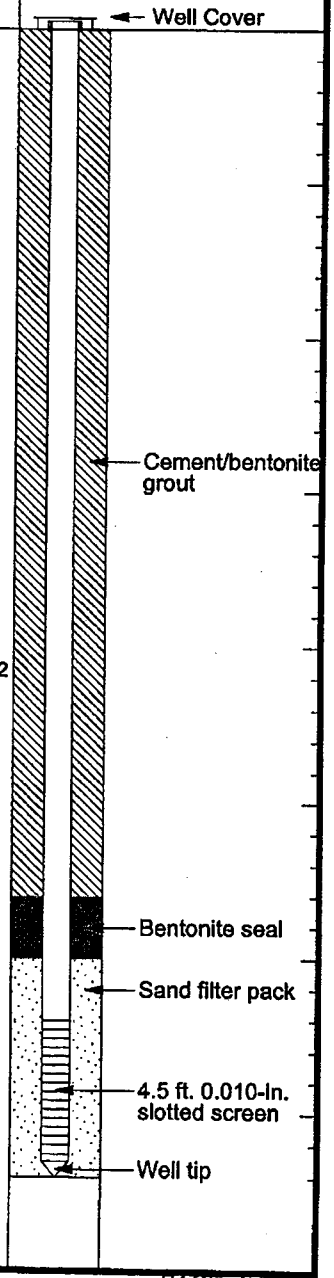
ALABAMA DEPT. OF TRANSPORTATION
COLISEUM BLVD. PLUME

LOG OF BORING MW 137A & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	10/07/2002
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	2" PVC
DRILLER	R. Stiles	SCREEN SLOT/TYPE	0.010-In. slotted PVC
DRILLING METHOD	Versa Sonic w/4" & 6" ID Coring Rods	FILTER PACK TYPE	Gravel Pack #1
		TOP OF CASING	213.36 Ft. AMSL
REMARKS	*Broadway St. near probehole location 41	GROUND ELEVATION	213.62 Ft. AMSL
		DEPTH TO WATER	20.30 Ft. BMP
		WATER ELEVATION	193.06 Ft. AMSL

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE
0–10		CL			0	CLAY, yellowish-red (5YR 5/8), reddish-yellow (7.5YR 7/8) & light gray (7.5YR 7/1), sandy, micaceous	
10–15		SP SM			0	SAND, brownish-yellow (10YR 6/8) & yellowish-red (10YR 5/8), fine to very coarse grained	
15–20		SW			0	SAND, brownish-yellow & pale yellow (2.5Y 8/2), fine to very coarse grained w/approx. 40% fine to coarse gravel	
20–25		SC SM			0	SAND, light yellowish-brown (2.5Y 6/4) & olive yellow (2.5Y 6/8), fine grained, silty & clayey w/mica & glauconite Fine to med. grained w/occ. clay lense	10/16/02
25–30					0	W/interbedded light gray clay lenses SAND, light yellowish-brown & olive yellow, fine grained, silty w/mica & glauconite, slightly clayey	
30–35					0	Light gray clay lense (~1" thick)	
35–37					0	Pale yellow (2.5Y 7/4) & brownish-yellow (10YR 6/8), fine grained, silty w/mica & glauconite	
						BORING TERMINATED AT 37 FEET.	

WELL DIAGRAM



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Technology and Tradition

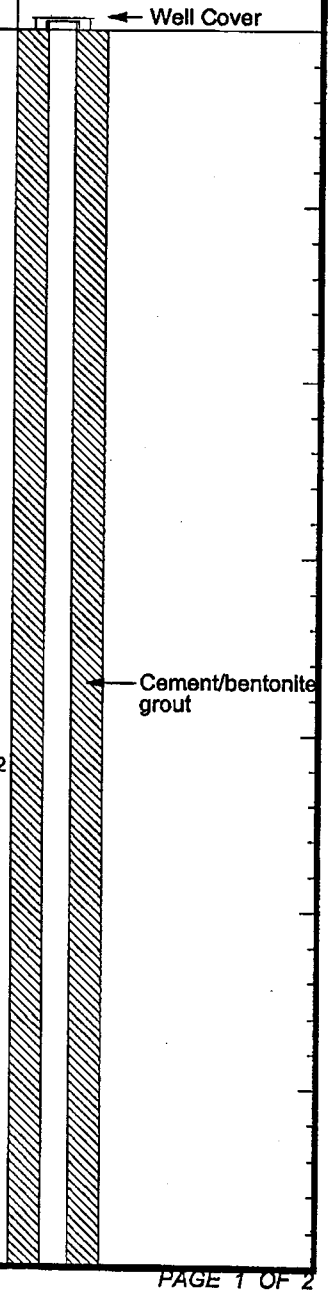
ALABAMA DEPT. OF TRANSPORTATION
COLISEUM BLVD. PLUME

LOG OF BORING MW 237B & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	10/07/2002
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	2" PVC
DRILLER	R. Stiles	SCREEN SLOT/TYPE	0.010-in. slotted PVC
DRILLING METHOD	Versa Sonic w/4" & 6" ID Coring Rods	FILTER PACK TYPE	Gravel Pack #1
		TOP OF CASING	213.40 Ft. AMSL
REMARKS	*Broadway St. near probehole location 41	GROUND ELEVATION	213.74 Ft. AMSL
		DEPTH TO WATER	20.37 Ft. BMP
		WATER ELEVATION	193.03 Ft. AMSL

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE
0–10		CL			0	CLAY, yellowish-red (5YR 5/8), reddish-yellow (7.5YR 7/8) & light gray (7.5YR 7/1), sandy, micaceous	
10–15		SP			0	SAND, brownish-yellow (10YR 6/8) & yellowish-brown (10YR 5/8), fine to very coarse grained	
15–19		SW			0	SAND, brownish-yellow & pale yellow (2.5Y 8/1), fine to very coarse grained w/approx. 40% fine to very coarse gravel	
19–25		SM			0	SAND, brownish-yellow & pale yellow, fine grained, silty w/mica & glauconite	10/16/02
25–30		SM			0	W/light gray clay lense (~1" thick)	

WELL DIAGRAM



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TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING MW 237B & WELL CONSTRUCTION

PROJECT NUMBER 0700-024 **GEOLOGIST** S. Grammas
LOCATION Montgomery, AL* **DATE(S) DRILLED** 10/07/2002

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	WELL DIAGRAM
					0			
					0			
		CL			0	CLAY, light gray (2.5Y 7/2), silty (~8" thick)		
					0	SAND, light gray (5Y 7/2) & yellow (5Y 7/6), fine to med. grained, silty w/mica & glauconite		Bentonite seal
					0			
40			40 - 41	10	0	SAND, pale yellow (2.5Y 7/4), fine to med. grained, silty w/mica & glauconite		Sand filter pack
		SM			0			
					0			
					0			4.5 ft. 0.010-in. slotted screen
					0			
45					0			
					0			Well tip
						BORING TERMINATED AT 46 FEET.		

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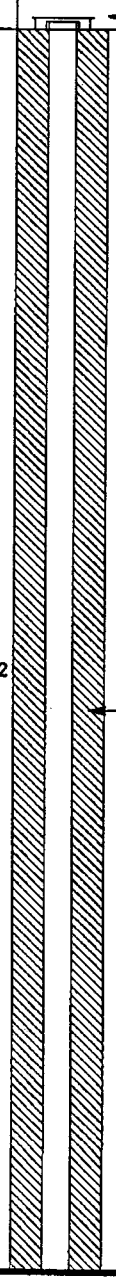
TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING MW 237C & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	10/10/2002
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	2" PVC
DRILLER	R. Stiles	SCREEN SLOT/TYPE	0.010-in. slotted PVC
DRILLING METHOD	Versa Sonic w/4" & 6" ID Coring Rods	FILTER PACK TYPE	Gravel Pack #1
		TOP OF CASING	213.50 Ft. AMSL
REMARKS	*Broadway St. near probehole location 41	GROUND ELEVATION	213.62 Ft. AMSL
		DEPTH TO WATER	20.42 Ft. BMP
		WATER ELEVATION	193.08 Ft. AMSL

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE
		CL			0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0	CLAY, yellowish-red (5YR 5/8), reddish-yellow (7.5YR 7/8) & light gray (7.5YR 7/1), sandy, micaceous	
5, 10		SM			0, 0, 0, 0	SAND, brownish-yellow (10YR 6/8), fine to med. grained, silty w/mica	
15, 20		SP			0, 0, 0, 0, 0, 0, 0, 0	SAND, pale yellow (5Y 8/2) & yellow (10YR 7/8), fine to very coarse grained w/ approx. 30% fine to coarse gravel	10/21/02
25		SM			0, 0, 0, 0, 0, 0, 0, 0	SAND, pale yellow & yellow (2.5Y 7/8), fine to med. grained, silty w/mica & glauconite w/3" thick pale yellow (2.5Y 7/3) clay lense, fine to med. grained, silty w/mica & glauconite	
		CL			0	CLAY (~6" thick), light gray (2.5Y 7/2)	
30		SM			0, 0	SAND, brownish-yellow (10YR 6/6) & pale yellow, fine grained, silty w/mica & glauconite	
		SC			0, 1.7, 4.1	w/light gray clay lenses	
35		SP SM			2.6, 0, 0, 0, 0, 0	Brownish-yellow & pale yellow, fine to med. grained, silty w/mica & glauconite Fine grained, silty w/mica & glauconite	

WELL DIAGRAM



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TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING MW 237C & WELL CONSTRUCTION

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

LOCATION Montgomery, AL* **DATE(S) DRILLED** 10/10/2002

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	WELL DIAGRAM
					0			
					0			
					0			
					0			
					1.2			
45					0.7			Bentonite seal
		SP SM			0	Olive yellow (2.5Y 6/6) & brownish-yellow (10YR 6/8), fine to coarse grained, w/mica & glauconite		Sand filter pack
					0			
					0			
					0			
50					0			4.5 ft. 0.010-in. slotted screen
					0			
					0.4			Well tip
						BORING TERMINATED AT 53 FEET.		

Coliseum Blvd. Plume
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TTL
Technology and Tradition

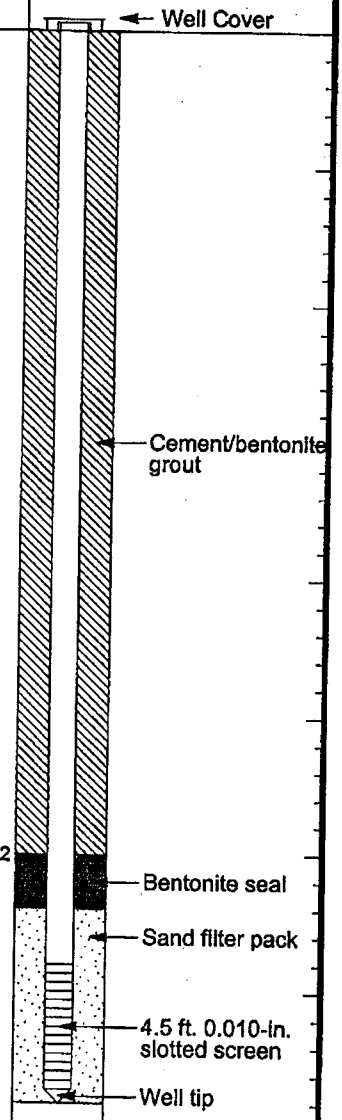
ALABAMA DEPT. OF TRANSPORTATION
COLISEUM BLVD. PLUME

LOG OF BORING MW 138A & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	10/10/2002
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	2" PVC
DRILLER	R. Stiles	SCREEN SLOT/TYPE	0.010-in. slotted PVC
DRILLING METHOD	Versa Sonic w/4" & 6" ID Coring Rods	FILTER PACK TYPE	Gravel Pack #1
		TOP OF CASING	223.11 Ft. AMSL
REMARKS	*Chisholm St. near probehole location 6	GROUND ELEVATION	223.64 Ft. AMSL
		DEPTH TO WATER	29.33 Ft. BMP
		WATER ELEVATION	193.78 Ft. AMSL

DEPTH (feet)	U.S.C.S.	PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE
		0	Asphalt	
	CL	0	CLAY, red (2.5YR 4/8), sandy w/mica	
5		0		
10		0		
15		0		
	ML	0	SILT, yellowish-red (5YR 5/8), sandy w/mica	
20	SM	0	SAND, yellow (2.5Y 7/8), fine to med. grained, silty w/mica & glauconite 50% recovery from 19 to 29 feet	
25		0.2		
	SP	0	SAND, pale yellow (2.5Y 8/3), fine to very coarse grained w/approx. 30% fine to coarse gravel	
30		0.6		10/21/02
	SM	1.5	SAND, pale yellow (5Y 8/3), fine to med. grained, silty w/mica & glauconite	
35		4.3		
		5.4		
		44		
		14		
		69		
		181		
		140	w/½" light gray clay lense	
		224		
			BORING TERMINATED AT 39 FEET.	

WELL DIAGRAM



Coliseum Blvd. Plume
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TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING MW 238B & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	10/11/2002
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	2" PVC
DRILLER	R. Stiles	SCREEN SLOT/TYPE	0.010-in. slotted PVC
DRILLING METHOD	Versa Sonic w/4" & 6" ID Coring Rods	FILTER PACK TYPE	Gravel Pack #1
		TOP OF CASING	222.86 Ft. AMSL
REMARKS	*Chisholm St. near probehole location 6	GROUND ELEVATION	223.44 Ft. AMSL
	Note: Boring log based on log of wells MW	DEPTH TO WATER	29.20 Ft. BMP
	138A & MW 238C	WATER ELEVATION	193.66 Ft. AMSL

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	WELL DIAGRAM
						Asphalt		Well Cover
		CL				CLAY, red (2.5YR 4/8), sandy w/mica		
5								
10								
15								
		ML				SILT, yellowish-red (5YR 5/8), sandy w/mica		
20		SM				SAND, yellow (2.5Y 7/8), fine to med. grained, silty w/mica & glauconite		Cement/bentonite grout
25								
		SP				SAND, pale yellow (2.5Y 8/3), fine to very coarse grained w/approx. 30% fine to coarse gravel		
30							10/22/02	
		SM				SAND, pale yellow (5Y 8/3), fine to med. grained, silty w/mica & glauconite		

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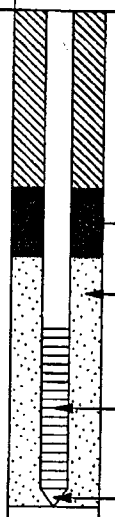
TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING MW 238B & WELL CONSTRUCTION

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

LOCATION Montgomery, AL* **DATE(S) DRILLED** 10/11/2002

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	WELL DIAGRAM
40 45		SM				SAND, pale yellow (5Y 8/3), fine to med. grained, silty w/mica & glauconite (Cont'd.)		Bentonite seal Sand filter pack 4.5 ft. 0.010-in. slotted screen Well tip
						BORING TERMINATED AT 49 FEET.		



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TTL Technology and Tradition

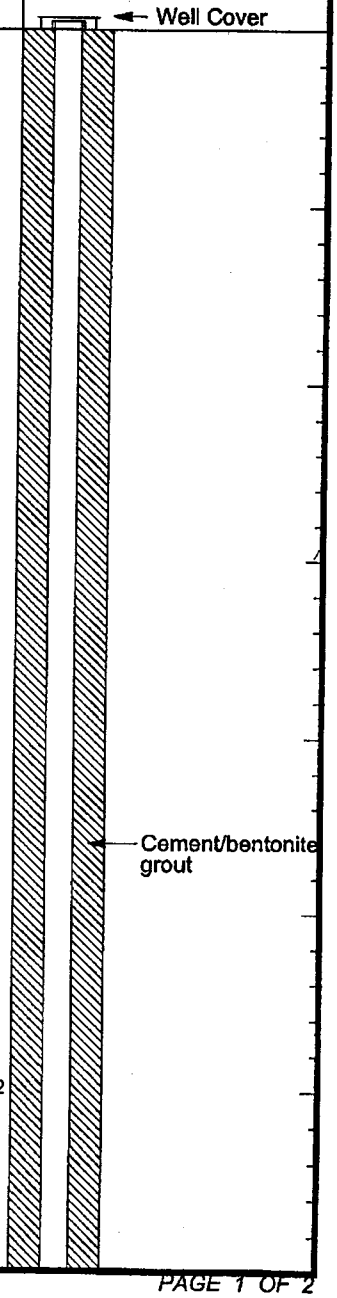
ALABAMA DEPT. OF TRANSPORTATION
COLISEUM BLVD. PLUME

LOG OF BORING MW 238C & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	10/14/2002
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	2" PVC
DRILLER	R. Stiles	SCREEN SLOT/TYPE	0.010-in. slotted PVC
DRILLING METHOD	Versa Sonic w/4" & 6" ID Coring Rods	FILTER PACK TYPE	Gravel Pack #1
		TOP OF CASING	222.98 Ft. AMSL
REMARKS	*Chisholm St. near probehole location 6	GROUND ELEVATION	223.55 Ft. AMSL
		DEPTH TO WATER	29.20 Ft. BMP
		WATER ELEVATION	193.78 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, red (2.5YR 4/8) & brownish-yellow (10YR 6/8), sandy w/mica	
					0		
					0		
					0		
5					0		
					0		
					0		
					0		
					0		
10					0		
					0		
					0		
					0		
					0		
15					0		
					0		
					0		
		ML			0	SILT, red & brownish-yellow, sandy, micaceous	
			19-20	50	0	SAND, yellow (2.5Y 7/8), fine to med. grained, silty w/mica & glauconite	
20					0		
					0		
		SM			0		
					0		
25					0		
					0		
					0	SAND, pale yellow (2.5Y 8/3), fine to very coarse grained, w/approx. 25% fine to coarse gravel	
					0		
		SP SM			0		
30					1.8		10/21/02
					0.9		
					1.7		
		SM			4.0	SAND, pale yellow (5Y 8/2) & brownish-yellow, fine grained, silty w/mica & glauconite	
					4.1		

WELL 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 238C & WELL CONSTRUCTION

PROJECT NUMBER 0700-024 **GEOLOGIST** S. Grammas
LOCATION Montgomery, AL **DATE(S) DRILLED** 10/14/2002

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	WELL DIAGRAM
		SM			7.8 18.3 11.2 17.6			
40		SC			47.8 40.4 157	SAND, pale yellow & brownish-yellow, clayey & silty w/mica & glauconite		
45		SM			51 144 63 60 30 33 38	SAND, pale yellow & brownish-yellow, fine grained, silty w/mica & glauconite		Bentonite seal
50					9 40 80 95 122	SAND, light olive brown (2.5Y 5/6) & pale olive (5Y 6/3), fine to coarse grained, w/mica & glauconite W/light gray clay lenses (~1/8" to ¼" thick)		Sand filter pack 4.5 ft. 0.010-in. slotted screen
55					14 3.0	W/light gray clay lenses (~¼" thick)		Well tip

BORING TERMINATED AT 55 FEET.

Coliseum Blvd. Plume
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TTL Technology and Tradition

ALABAMA DEPT. OF TRANSPORTATION
COLISEUM BLVD. PLUME

LOG OF BORING PW1 & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	10/02/2002
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	4" PVC
DRILLER	R. Stiles	SCREEN SLOT/TYPE	0.015-in. wire wrap/PVC
DRILLING METHOD	Versa Sonic w/4", 6" & 8" ID Coring Rods	FILTER PACK TYPE	20-40 Graded Sand
		TOP OF CASING	221.27 Ft. AMSL
REMARKS	*ALDOT Parking Lot (Materials & Testing Laboratory)	GROUND ELEVATION	221.61 Ft. AMSL
		DEPTH TO WATER	27.50 Ft. BMP
		WATER ELEVATION	193.77 Ft. AMSL

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE
					0	Asphalt	
					0	CLAY, red (2.5YR 4/8), sandy	
					0		
					0		
					0		
5					0		
					0		
					0		
					0		
		CL			0		
					0		
10					0		
					0		
					0		
					0		
					0		
15					0		
					0		
					0		
					0	SAND, reddish-yellow, fine to coarse grained, silty w/mica	
					0		
20					0		
		SM			0		
					0		
					0		
25					0		
					0	SAND, yellow (10YR 7/6), fine to very coarse grained, w/approx. 20% fine to coarse gravel	
					0		10/28/02
		SP			0		
					0		
30					0		
					0	SAND, pale yellow (5Y 8/3) & brownish-yellow (10YR 6/8), fine to med. grained, silty w/mica & glauconite	
					0		
					0		
					0		

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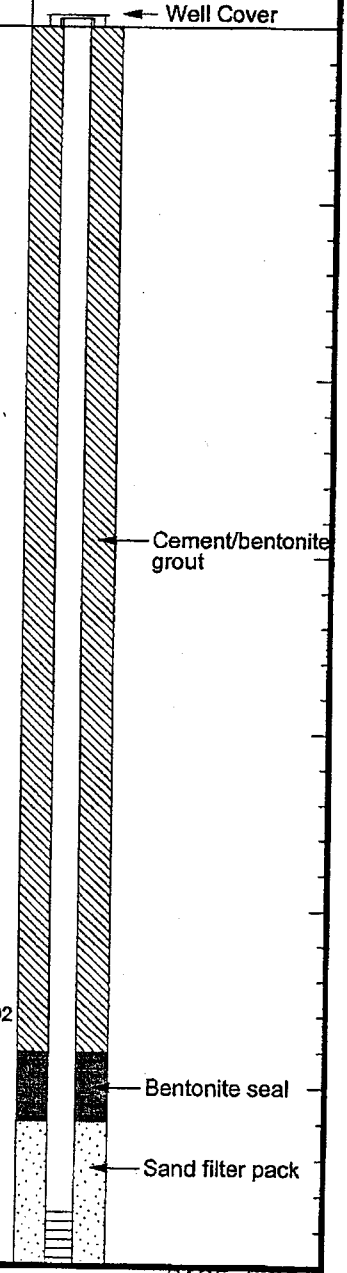
WELL DIAGRAM



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TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING PW1 & WELL CONSTRUCTION

PROJECT NUMBER 0700-024 **GEOLOGIST** S. Grammas
LOCATION Montgomery, AL* **DATE(S) DRILLED** 10/02/2002

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	WELL DIAGRAM
					0	Pale yellow, fine to med. grained, silty w/mica & glauconite		
					0			
					0			
					0			
					0			
40					0			
		SP			0			
		SM			0			
					0			
					0			19.5 ft. 0.015-in. wire wrap screen
					0			
45					0			
					0	Pale yellow, fine grained, silty, slightly clayey w/mica & glauconite		
					0			
					0			
					0			
50					0			
					0	Light gray (5Y 7/2), fine to coarse grained, silty w/mica & glauconite		
					0			
		SM			0	SAND, olive gray (5Y 5/2), fine grained, silty w/mica & glauconite, silty		Well tip
						BORING TERMINATED AT 53.5 FEET.		

Coliseum Blvd. Plume
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TTL Technology and Tradition

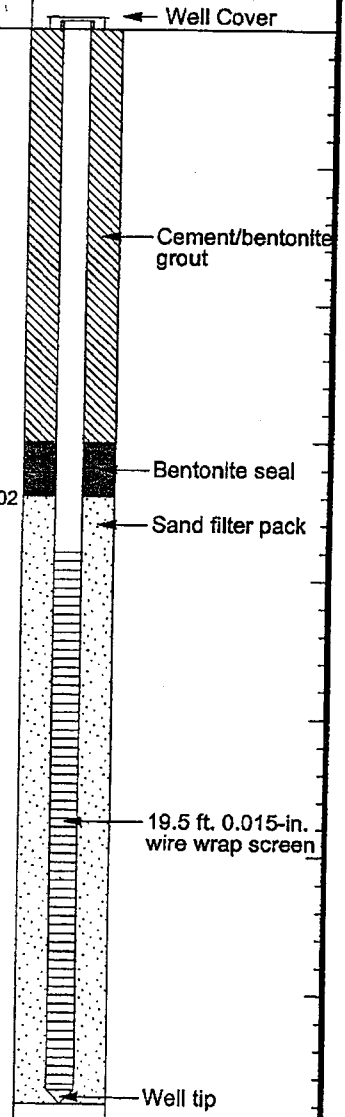
ALABAMA DEPT. OF TRANSPORTATION
COLISEUM BLVD. PLUME

LOG OF BORING PW2 & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	10/03/2002
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	4" PVC
DRILLER	R. Stiles	SCREEN SLOT/TYPE	0.015-in. wire wrap/PVC
DRILLING METHOD	Versa Sonic w/4", 6" & 8" ID Coring Rods	FILTER PACK TYPE	20-40 Graded Sand
		TOP OF CASING	210.45 Ft. AMSL
REMARKS	*Alfa Property (Eastern Meadows)	GROUND ELEVATION	210.71 Ft. AMSL
		DEPTH TO WATER	16.63 Ft. BMP
		WATER ELEVATION	193.82 Ft. AMSL

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE
		CL			0	CLAY, red (2.5YR 5/8) & light gray (5Y 7/2), sandy, micaceous	
5							
10							
						Strong brown (7.5YR 5/8), red & light gray, sandy, micaceous	
15						Strong brown & light gray, silty, less sandy w/mica	10/24/02
		SM				SAND, yellow (2.5Y 7/6) & pale yellow (2.5Y 5/2), fine grained, silty w/mica	
20		SW				SAND, brownish-yellow (10YR 6/8), fine to very coarse grained, w/approx. 20% fine to med. (pea-size) gravel	
						Dark yellowish-brown, fine to very coarse grained, w/approx. 40% fine to coarse gravel	
		GP				Fine to very coarse grained w/approx. 20% fine to med. gravel	
25		SP SM				GRAVEL, dark brown (10YR 3/3), fine to med. grained, w/fine to very coarse sand	
						SAND, brownish-yellow (10YR 6/8) & pale yellow (2.5Y 8/3), fine grained, silty w/mica & glauconite	
30							
		SM				SAND, fine to med. grained, silty w/mica & glauconite	
35		SP SM				SAND, fine to coarse grained, less silty w/mica	
		CL				CLAY, yellowish-brown (10YR 5/8) & light gray (5Y 7/2), sandy, micaceous	
						BORING TERMINATED AT 39 FEET.	

WELL DIAGRAM



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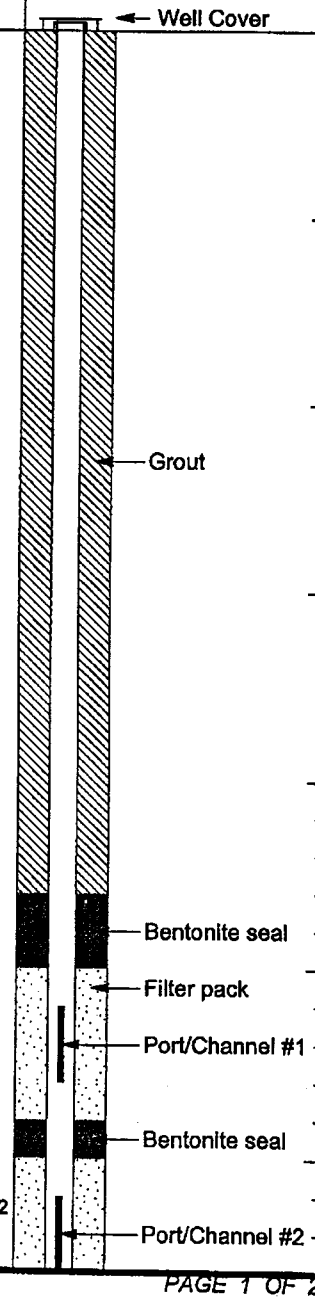
TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING CMT3 & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	10/17/2002
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	1.7" PVC
DRILLER	R. Stiles	SCREEN SLOT/TYPE	3.5" 100-Wire Mesh
DRILLING METHOD	Versa Sonic w/4" & 6" ID Coring Rods	FILTER PACK TYPE	Gravel Pack #1
		TOP OF CASING	224.60 Ft. AMSL
REMARKS	*Chisholm St. near probehole location 7	GROUND ELEVATION	224.94 Ft. AMSL
		DEPTH TO WATER	30.85 Ft. BMP
		WATER ELEVATION	193.75 Ft. AMSL

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE
						Asphalt	
		CL				CLAY, red (2.5YR 4/6), sandy	
5							
		SM				SAND, red (2.5YR 4/8), fine grained, silty w/mica	
10							
15							
						Pale yellow (2.5Y 7/4), fine grained, silty w/mica	
20		SC				SAND, strong brown (7.5YR 5/8), fine to coarse grained, clayey w/mica	
		SP				SAND, strong brown, fine to coarse grained w/mica	
25		SP SM				SAND, strong brown & pale yellow (2.5 Y 7/3), fine to very coarse grained, w/approx. 30% fine to coarse gravel	
30						w/approx. 5% fine to coarse gravel	10/23/02

WELL 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 CMT3 & WELL CONSTRUCTION

PROJECT NUMBER 0700-024 **GEOLOGIST** S. Grammas
LOCATION Montgomery, AL* **DATE(S) DRILLED** 10/17/2002

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	WELL DIAGRAM
		SC				SAND, yellow (2.5Y 7/8), fine to med. grained, silty w/yellowish-brown (10YR 6/8) & light gray (5Y 7/2), clay lenses		Bentonite seal
35						SAND, pale yellow (5Y 8/2), fine grained, silty w/mica & glauconite		Port/Channel #3
		SM						
40								Port/Channel #4
						SAND, pale yellow & yellowish-brown, fine grained (dense), silty & clayey w/mica & glauconite		
45						Pale yellow, fine grained, silty w/mica & glauconite, less dense & clayey		Port/Channel #5
		SC						
50								Port/Channel #6
						SAND, pale yellow & yellowish-brown, fine grained, silty w/mica & glauconite		
55		SM				Yellowish-brown, fine to med. grained, w/mica & glauconite		
		SC				W/2" thick yellowish-brown & light gray clay lenses Yellowish-brown, fine to med. grained, dense w/light gray clay lenses		Port/Channel #7 Well tip

BORING TERMINATED AT 59 FEET.

Coliseum Blvd. Plume
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TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING CMT4 & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	10/16/2002
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	1.7" PVC
DRILLER	R. Stiles	SCREEN SLOT/TYPE	3.5" 100-Wire Mesh
DRILLING METHOD	Versa Sonic w/4" & 6" ID Coring Rods	FILTER PACK TYPE	Gravel Pack #1
		TOP OF CASING	223.12 Ft. AMSL
REMARKS	*Chisholm St. near probehole location 6	GROUND ELEVATION	223.47 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
		CL			0	CLAY, red (2.5YR 4/8) & brownish-yellow (10YR 6/8), sandy w/mica	
5					0		
10					0		
15					0		
		ML			0	SILT, red & brownish-yellow, sandy w/mica	
20		SM			0	SAND, yellow (2.5 Y 7/3), fine to med. grained, silty w/mica & glauconite	
25					0		
30		SP SM			0	SAND, pale yellow (2.5Y 8/3), fine to very coarse grained w/approx. 20% fine to coarse gravel	
					122		
					116		
					148		
					335		
		SM			42	SAND, pale yellow (5Y 8/2) & brownish-yellow, fine grained, silty w/mica & glauconite	
					45		

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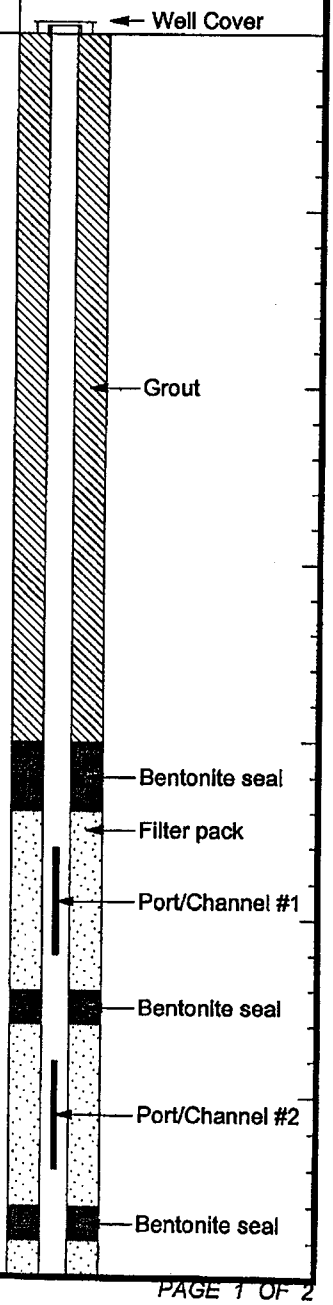
WELL DIAGRAM



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TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING CMT4 & WELL CONSTRUCTION

PROJECT NUMBER 0700-024 **GEOLOGIST** S. Grammas
LOCATION Montgomery, AL* **DATE(S) DRILLED** 10/16/2002

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	WELL DIAGRAM
		SM			690			Port/Channel #3
					27			
					25			
					18			
					26	Clayey & silty w/mica & glauconite		
40					25	Fine grained, silty w/mica & glauconite		
					53			Port/Channel #4
					70			
					58			
					66			
45					33			
		SM			12			Port/Channel #5
					20			
					17			
					38	SAND, light olive brown (2.5Y 5/6) & pale olive (5Y 6/3), fine to coarse grained w/mica & glauconite		
50					66			
					42			
					44			Port/Channel #6
					22			
					21	CLAY, light yellowish-brown (2.5Y 6/3), sandy w/mica		
55		CL			20			
					10	Greenish-gray (5/5/1), w/silty sand laminae & mica		Port/Channel #7 Well tip

BORING TERMINATED AT 56 FEET.

Coliseum Blvd. Plume

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TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING CMT5 & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	10/09/2002
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	1.7" PVC
DRILLER	R. Stiles	SCREEN SLOT/TYPE	3.5" 100-Wire Mesh
DRILLING METHOD	Versa Sonic w/4" & 6" ID Coring Rods	FILTER PACK TYPE	Gravel Pack #1
		TOP OF CASING	210.74 Ft. AMSL
REMARKS	*Alfa Property (Eastern Meadows)	GROUND ELEVATION	210.96 Ft. AMSL
		DEPTH TO WATER	16.91 Ft. BMP
		WATER ELEVATION	193.83 Ft. AMSL

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	WELL DIAGRAM
		CL			0	CLAY, red (2.5YR 5/8) & light gray (5Y 7/2), sandy w/mica		Well Cover
					0			
					0			
					0			
					0			
5					0			
					0			
					0			
					0			
					0			Grout
10					0			
					0	Strong brown (7.5YR 5/8) & light gray, sandy w/mica		
					0			
					0			
15					0			
					0			
					0		10/23/02	
		SM			0	SAND, brownish-yellow (10YR 6/6) & pale yellow (5Y 8/2), fine to med. grained, silty w/mica		Bentonite seal
20					0	SAND, brownish-yellow (10YR 6/6) & pale yellow (5Y 8/2), fine to very coarse grained w/<5% fine gravel		Filter pack
		SP SM			0			
					0	Brownish-yellow, fine to very coarse grained w/approx. 30% fine to very coarse gravel		Port/Channel #1
					0			
					0			

Continued Next Page

Coliseum Blvd. Plume
F:\SECRETARY\2000\0700\024\PH34 52.GPJ 10/29/02 Report:TTL WELL LOG Template:TTLENV.GDT

TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING CMT5 & WELL CONSTRUCTION

PROJECT NUMBER 0700-024 **GEOLOGIST** S. Grammas
LOCATION Montgomery, AL* **DATE(S) DRILLED** 10/09/2002

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	WELL DIAGRAM
25					0	SAND, brownish-yellow & pale yellow, fine grained, silty w/mica & glauconite		Bentonite seal
					0			
					0			
					0			
					0			Port/Channel #2
30					0			
					0			
		SM			0	Fine to med. grained, silty w/mica & glauconite		
					0	Fine to coarse grained w/mica & glauconite		Bentonite seal
					0	Fine to med. grained, silty w/mica & glauconite		
35					0			
					0			Port/Channel #3
					0			
					0	With 1/8" light gray clay lense		
		CL			0	CLAY, yellowish-brown (10YR 5/8) & pale yellow (5Y 8/2), sandy w/mica		Well tip

BORING TERMINATED AT 39 FEET.

F:\SECRETARY\2000\0700\024\PH34 52.GPJ 10/29/02 Report:TTL WELL LOG Template:TTLENV.GDT Coliseum Blvd. Plume

TTL
Technology and Tradition

ALABAMA DEPT. OF TRANSPORTATION
COLISEUM BLVD. PLUME

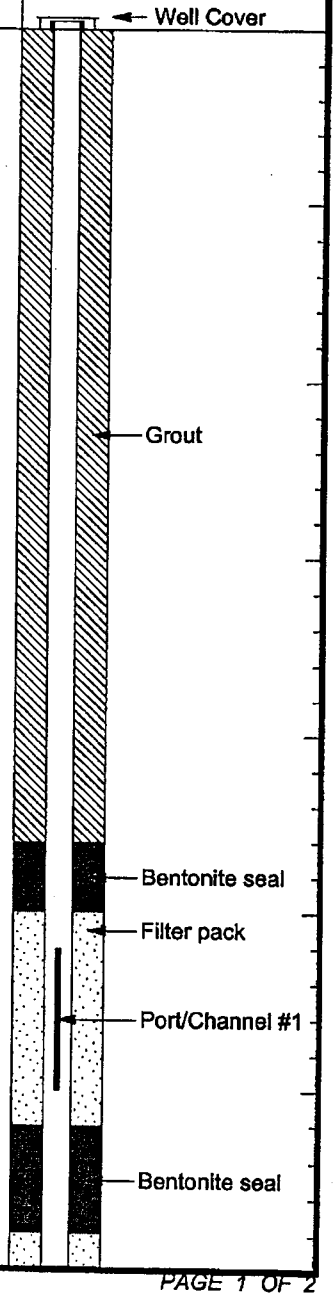
LOG OF BORING CMT6 & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	10/15/2002
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	1.7" PVC
DRILLER	R. Stiles	SCREEN SLOT/TYPE	3.5" 100-Wire Mesh
DRILLING METHOD	Versa Sonic w/4" & 6" ID Coring Rods	FILTER PACK TYPE	Gravel Pack #1
		TOP OF CASING	221.35 Ft. AMSL
REMARKS	*ALDOT Parking Lot (Materials & Testing Laboratory)	GROUND ELEVATION	221.72 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
		CL			0	CLAY, red (2.5YR 4/8), sandy	
5					0		
10					0		
15					0		
		SM			0	SAND, brownish-yellow (10YR 6/8), fine to med. grained, silty	
					0	Yellow (2.5Y 7/6), fine to med. grained, silty	
20					0		
25					0		
		SP SM			0	SAND, yellow (10YR 7/6), fine to very coarse grained, w/approx. 20% fine to coarse gravel	
30					0		
					0	w/cobble-size gravel	
		SM			0	SAND, pale yellow (5Y 8/2) & brownish-yellow, fine to med. grained, silty w/mica & glauconite	
					0	Pale yellow, fine to med. grained, silty w/mica & glauconite	

Continued Next Page

WELL DIAGRAM



Coliseum Blvd. Plume
F:\SECRETARY\2000\0700\024\PH34 52.GPJ 10/29/02 Report:TTL WELL LOG Template:TTLENV.GDT

TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING CMT6 & WELL CONSTRUCTION

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

LOCATION Montgomery, AL* **DATE(S) DRILLED** 10/15/2002

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	WELL DIAGRAM
					0			
					0			
					0			
					0			
					0			
40					0			
					0			
					0			
					0			
		SM			0			Port/Channel #2
45					0			
					0			
					0			
					4.9			
					0	SAND, light yellowish-brown (2.5Y 6/4) & yellowish-brown, fine to coarse grained, w/mica & glauconite		
50					0			
					0			
					5.2	SAND, olive (5Y 5/4), fine grained w/glauconite & mica, silty		
					0			Well tip
					0	w/~3" light gray clay lense Yellowish-brown, fine to coarse grained, silty w/mica & glauconite		

BORING TERMINATED AT 54 FEET.

Coliseum Blvd. Plume
F:\SECRETARY\2000\0700\024\PH34 52.GPJ 10/30/02 Report:TTL WELL LOG Template:TTLENV.GDT

TTL Technology and Tradition

ALABAMA DEPT. OF TRANSPORTATION
COLISEUM BLVD. PLUME

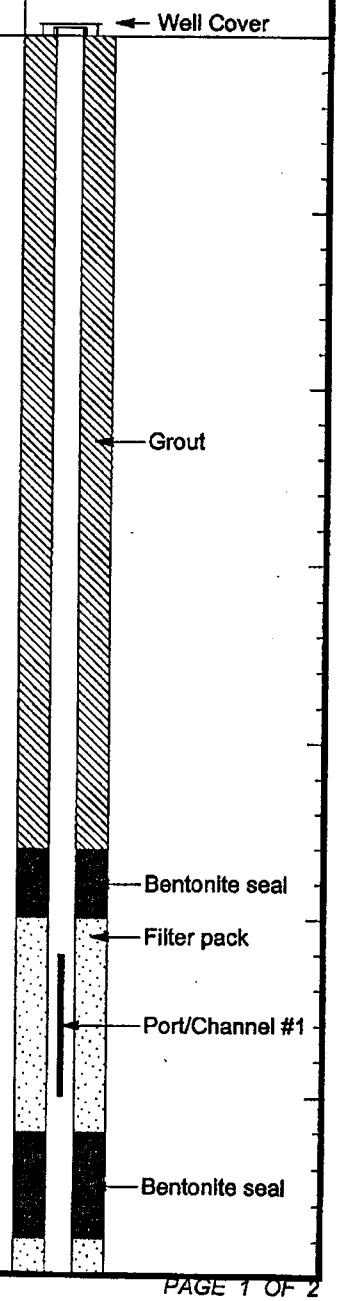
LOG OF BORING CMT7 & WELL CONSTRUCTION

PROJECT NUMBER	0700-024	GEOLOGIST	S. Grammas
LOCATION	Montgomery, AL*	DATE(S) DRILLED	10/08/2002
DRILLING COMPANY	Miller Drilling Co., Inc.	CASING DIA./TYPE	1.7" PVC
DRILLER	R. Stiles	SCREEN SLOT/TYPE	3.5" 100-Wire Mesh
DRILLING METHOD	Versa Sonic w/4" & 6" ID Coring Rods	FILTER PACK TYPE	Gravel Pack #1
		TOP OF CASING	221.70 Ft. AMSL
REMARKS	*ALDOT Parking Lot (Materials & Testing Laboratory)	GROUND ELEVATION	222.10 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
0–17.5		CL			0	CLAY, red (2.5YR 4/8), sandy	
17.5–22.5		SM			0	SAND, reddish-yellow, fine grained, silty w/mica	
22.5–31.5		SP			0	SAND, yellow (10YR 7/6), fine to very coarse grained w/approx. 15% fine to coarse gravel	
31.5–35		SM			0	SAND, pale yellow (5Y 8/2) & brownish-yellow, fine to med. grained, silty w/mica & glauconite	

Continued Next Page

WELL DIAGRAM



Coliseum Blvd. Plume
F:\SECRETARY\2000\0700\024\PH34 52.GPJ 10/29/02 Report:TTL WELL LOG Template:TTLENV.GDT

TTL Technology and Tradition	ALABAMA DEPT. OF TRANSPORTATION COLISEUM BLVD. PLUME	LOG OF BORING CMT7 & WELL CONSTRUCTION

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

LOCATION Montgomery, AL* **DATE(S) DRILLED** 10/08/2002

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	WELL DIAGRAM
					0			
					0			
					0			
					0			
					0			
40					0			
					0			
					0			
					0			
		SM			0			Port/Channel #2
45					0			
					0			
					0			
					0			
					0			
50					0			
					0			
					0	Olive gray (5Y 5/2), fine grained, silty w/mica & glauconite		
					0			Well tip
					0	BORING TERMINATED AT 54 FEET.		

Coliseum Blvd. Plume
F:\SECRETARY\2000\0700\024\PH34_52.GPJ 10/29/02 Report:TTL WELL LOG Template:TTLENV.GDT

DEPARTMENT OF TRANSPORTATION

October & November 2002
Status Report
Coliseum Boulevard Plume Investigation

ATTACHMENT C
CMT and Monitoring Well Development & Sampling Forms

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-3-02 | Well No.: 135 A | Depth to Water: 23.1

Total Depth of Well: 36' | Screen Interval: 31-35.5

Development Method: Pneumatic Pump

Personnel: WGM, MMM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
Surge 3:30	22.82	129	5.64	7440	3
3:35	22.85	123	5.66	>440	6
3:40	22.57	92	5.45	7440	8
3:45	23.15	120	5.66	>440	10
3:50	23.21	125	5.60	295	12
3:55	23.43	147	5.65	101	13
4:00	23.15	128	5.54	86.7	14
4:05	23.27	129	5.60	95	15
4:10	23.55	124	5.41	89	16
4:15	23.50	123	5.31	110	17
4:20	23.47	119	5.29	104	~~2~~ 18
Surge 4:25	23.14	147	5.60	7440	19
4:30	23.40	140	5.51	>440	20
4:35	23.19	142	5.50	>440	21
4:40	23.15	147	5.42	147	22
4:45	23.24	119	5.32	72.1	23
4:50	23.27	129	5.27	25.7	24
4:55	23.22	130	5.24	27.1	25

Chlorine	Detected		Time
	Yes	No	5:15 pm

Comments: Slow recovery rate - pump rate ≈ 1 gal/5 min

P Cloudy - windy - mid 80°F

Verified by: [signature] Date: 10-8-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-3-02 Well No.: 135A (continued) Depth to Water: 23.1

Total Depth of Well: 36' Screen Interval: 31-35.5'

Development Method: Pneumatic Pump

Personnel: WGM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
5:00 pm	23.16	134.	5.21	28.2	26
5:05	23.21	135	5.19	27.1	27
5:10	23.20	135	GM ~~5.19~~ 5.19	27.4	28
5:15	23.18	144	5.17	28.4	29
5:20	23.24	135	5.14	29.7	30
5:25	23.20	131	5.13	28.2	31
5:30	23.16	130	5.12	29.8	32
5:35	23.16	129	5.09	30.1	33
5:40	23.15	127	5.09	30.5	34
5:45	23.16	127	5.09	31.3	35
5:50	23.10	126	5.10	28.3	36
5:55	23.12	127	5.09	29.8	37

Chlorine	Detected		Time
	Yes	No	

Comments:

Verified by: [illegible] Date: 10-8-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-4-02 Well No.: 235b Depth to Water: 23.3

Total Depth of Well: 45' Screen Interval: 40-44.5

Development Method: Pneumatic Pump

Personnel: WGm, CHR

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
12:25 Surge PM	22.79	125	6.01	>440	4
12:30	22.34	90.7	5.61	>440	6
12:35	22.32	89	5.71	>440	8
12:40	22.27	81	5.34	172	10
12:45 Surge	22.34	80	5.61	>440	13
12:50	22.25	86	5.56	229	16
12:55	22.22	90	5.55	150	20
1:00	22.22	99	5.55	127	~~27~~ 23
1:05	22.23	94	5.49	89.6	29
1:10	22.22	88	5.44	72.9	33
1:15	22.23	84	5.41	60.3	37
1:20	22.22	78	5.38	54.1	41
1:25	22.27	73	5.33	40.2	45
1:30	22.22	71	5.31	34.8	49
1:35	22.23	70	5.29	31.2	53
1:40	22.23	68	5.28	25.7	57
1:45	22.23	66	5.24	23.1	61
1:50	22.22	66	5.23	20.1	65

Chlorine	Detected		Time
	Yes	No	

Comments:

Verified by: [signature] Date: 10-8-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-4-02 Well No.: 235 B (continued) Depth to Water: 23.3

Total Depth of Well: 45' Screen Interval: 40 - 44.5

Development Method: Pneumatic Pump

Personnel: WGM / CMR

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
1:55	22.25	64	5.22	15.6	69
2:00	22.22	64	5.21	13.1	73
2:05	22.22	63	5.20	~~31.1~~ 13.1	76
2:10	22.23	62	5.19	13.0	79
2:~~20~~ 15	22.18	62	5.19	8.2	83
2:~~20~~	22.23	60	5.17	8.2	86
2:25 2:30	22.23 22.23	59 59	5.15 5.15	8.0 7.1	89 ~~90~~ 93
2:35	22.23	59	5.15	8.2	96
2:40	22.23	59	5.15	8.2	99
~~2:45~~	Stop				

Chlorine	Detected		Time
	Yes	No	2:40pm

Comments: Good recharge

Verified by: [signature] Date: 10-8-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-7-02 Well No.: 235-~~3~~ 5 WGM Depth to Water: 22.9

Total Depth of Well: 55' Screen Interval: 50'-54.5'

Development Method: Pneumatic Pump

Personnel: WGM, ECP

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
10:35 AM surge	22.98	109.3	7.97	>440	2
10:40	22.81	96	7.76	>440	5
10:45	22.61	85	7.30	349	8
10:50	22.39	70.9	6.01	233	11
10:55	22.32	59.6	5.31	61.2	14
11:00	22.31	56.2	5.23	59.2	17
11:05	22.25	54.4	5.22	53.9	20
11:10	22.31	51.5	5.17	28.4	23
11:15	22.37	48.6	5.13	27.2	26
11:20	22.42	47.8	5.11	18.0	29
11:25	22.30	46.2	5.10	16.4	32
11:30	22.30	46	5.09	12.1	35
11:35	22.27	45	5.09	10.6	38
11:40	22.26	44	5.08	7.9	41
11:45	22.27	43	5.07	5.2	44
11:50	22.30	43	5.07	4.9	47
11:55	22.23	42	5.06	3.9	50
12:00 pm	22.31	42	5.07	2.5	53

Chlorine	Detected		Time
	Yes	No	

Comments:

Verified by: [signature] Date: 10-8-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-7-02 Well No.: 235-C (continued) Depth to Water: 22.9'

Total Depth of Well: 55' Screen Interval: 50'-54.5'

Development Method: Pneumatic Pump

Personnel: WGM, ECP

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
12:05 pm	22.28	42	5.07	2.3	56
12:10	22.22	42	5.06	1.3	59
12:15	22.26	42	5.07	1.6	62

Chlorine	Detected		Time
	Yes	No	12:10 pm

Comments: Good recharge

Verified by: [illegible] Date: 10-8-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-7-02 Well No.: PW-1 Depth to Water: 27.58'

Total Depth of Well: 53.5 Screen Interval: 33.5'-53'

Development Method: ~~Pneumatic Pump~~ Air lift

Personnel: WGM, ECP

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
3:30	—	—	—	~~>440~~ cloudy	5
4:00	—	—	—	~~>440~~	25
4:30	—	—	—	cloudy	40
5:00	—	—	—	clear	60
5:30	—	—	—	clear	80

Chlorine	Detected		Time
	Yes	No	

Comments: Set air line at bottom of well surge 70PSI to lift approx 1-1.5 gallons of water per surge — could not maintain steady flow of water. surge only. not able to collect water quality data due to difficulty of purge method. required both men full time.

Verified by: [signature] Date: 10-8-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10·8·02 Well No.: PW-~~2~~ 1 Depth to Water: 27.58

Total Depth of Well: Screen Interval:

Development Method: Pneumatic Pump

Personnel:

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
10:45	23.4	55	5.22	136	7
10:50	23.3	55	5.15	52.2	25
	Pump	stuck	in well		

Chlorine	Detected		Time
	Yes	No	

Comments:

Verified by: Date:

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-9-02 Well No.: 237-B Depth to Water: 20.29'

Total Depth of Well: 46' Screen Interval: 41'-45.5'

Development Method: Pneumatic Pump

Personnel: WGM, ECP

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
8:30 surge	21.77	944	11.16	>440	1
8:35	21.46	460	12.43	>440	4
8:40	21.62	1058	10.93	>440	7
8:45	21.37	326	9.42	>440	10
8:50	21.14	279	9.17	>440	13
8:55	21.18	370	8.84	>440	16
9:00	20.98	379	7.06	198	19
9:05	20.98	380	6.27	159	22
9:10	20.98	393	5.82	134	25
9:15	20.95	419	5.63	105	28
9:20	20.95	355	5.63	70.2	31
9:25	20.97	359	5.63	58.3	34
9:30	20.95	364	5.62	53.6	37
9:35	20.95	315	5.60	44.4	40
9:40	20.91	255	5.56	39.2	43
9:45	20.91	230	5.53	41.3	46
9:50	20.93	218	5.52	39.7	49
9:55	20.91	205	5.49	33.4	52

Chlorine	Detected		Time
	Yes	No	

Comments: Continued on page 10

Verified by: [illegible] Date: 10-10-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-9-02 Well No.: 237-B (Continued) Depth to Water: 20.29'

Total Depth of Well: 46' Screen Interval: 41'-45.5'

Development Method: Pneumatic Pump

Personnel: WGM, ECP

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
10:00 Am	20.91	196	5.44	33.3	55
10:05	20.93	183	5.41	30.8	58
10:10	20.91	177	5.38	29.0	61
10:15	20.93	174	5.33	28.6	64
10:20	20.93	168	5.35	28.5	67
10:25	20.93	161	5.33	28.8	70
10:30	20.93	160	5.32	27.7	73
10:35	20.95	156	5.31	26.6	76
10:40	20.93	152	5.31	27.1	79
10:45	20.95	149	5.29	26.5	82
10:50	20.95	148	5.28	27.3	85
10:55	20.95	143.3	5.27	27.9	88
11:00	20.95	142.0	5.26	27.1	91
11:05	20.93	139.5	5.25	27.9	94
11:10	20.95	139	5.27	27.7	97
11:15	20.93	139	5.27	27.6	100

Chlorine	Detected		Time
	Yes	No	11:15 Am

Comments: Good recharge

Verified by: [signature] Date: 10-10-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-9-02 Well No.: 137-A Depth to Water: 20.22

Total Depth of Well: 37' Screen Interval: 32'-36.5'

Development Method: Pneumatic Pump

Personnel: WGM, ECP

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
11:35 Surge am	21.95	248	9.49	7440	1
11:40	21.86	226	9.14	>440	4
11:45	21.97	175	7.84	>440	7
11:50	21.77	130.1	7.23	>440	10
11:55	21.74	115.5	6.53	>440	13
12:00 pm	21.65	99.5	5.75	288	16
12:05	21.76	99.9	5.72	199	19
12:10	21.77	97.2	5.60	158	22
12:15	21.77	94.5	5.56	110	25
12:20	21.79	92.5	5.49	75.2	28
12:25	21.79	90.0	5.49	61.3	31
12:30	21.84	92.3	5.50	52.0	34
12:35	21.90	89.0	5.46	40.7	37
12:40	21.93	88.6	5.43	34.5	40
12:45	21.90	88.9	5.46	34.6	43
12:50	21.93	89.8	5.44	26.9	46
12:55	21.93	96.1	5.41	25.6	49
1:00	22.06	101.0	5.42	23.6	52

Chlorine	Detected		Time
	Yes	No	

Comments: Continued on page 12

Verified by: Date:

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-9-02 Well No.: 137-A (Continued) Depth to Water: 20.22'

Total Depth of Well: 37' Screen Interval: 32-36.5

Development Method: Pneumatic Pump

Personnel: WGM, ECP

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
1:05 pm	22.11	103.4	5.41	21.4	55
1:10	22.08	109.3	5.40	20.5	58
1:15 Surge	22.0	111.0	5.39	>440	61
1:20	22.02	110.2	5.19	>440	64
1:25	22.13	109.5	5.15	>440	67
1:30	22.11	106.9	5.19	323	70
1:35	22.16	105.7	5.17	255	73
1:40	22.20	104.8	5.19	178	76
1:45	22.20	103.5	5.20	154	79
1:50	22.22	103.0	5.18	123	82
1:55	22.23	102.3	5.18	109	85
2:00	22.25	101.7	5.22	83.7	88
2:05	22.29	102.3	5.20	80.6	91
2:10	22.34	103.5	5.21	76.5	94
2:15	22.36	103.6	5.21	64.2	97
2:20	Lunch				100
	↓				
2:30	22.47	103.8	5.24	24.7	106

Chlorine	Detected		Time
	Yes	No	

Comments: Continued on page 13

Verified by: Date:

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-9-02 Well No.: 137-A (continued) Depth to Water: 20.22'

Total Depth of Well: 37' Screen Interval: 32' - 36.5'

Development Method: Pneumatic Pump

Personnel: WGM. ECP

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
2:40 pm	22.63	104.3	5.27	37.6	109
2:45	22.64	105.0	5.22	32.4	112
2:50	22.64	105.0	5.22	30.5	115
2:55	22.64	106.6	5.24	29.2	118
3:00	22.64	105.9	5.24	26.7	121
3:05	22.64	106.8	5.27	26.6	124
3:10	22.64	107.4	5.25	26.6	127
3:15	22.57	109.7	5.25	26.8	130
3:20	22.47	110.4	5.27	21.9	133
3:25	22.39	110.4	5.25	21.1	136
3:30	22.32	111.4	5.26	19.6	139
3:35	22.25	111.0	5.23	18.2	142
3:40	22.20	111.7	5.26	17.3	145
3:45	22.16	111.9	5.25	15.2	148
3:50	22.20	112.0	5.25	14.9	151
3:55	22.18	112.0	5.25	13.5	154
4:00	22.25	112.1	5.23	11.1	157
4:05	22.25	112.4	5.22	4.9	160

Chlorine	Detected		Time
	Yes	No	

Comments: Continued on page 14.

Verified by: [signature] Date: 10-10-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-9-02 Well No.: 137-A (continued) Depth to Water: 20.22

Total Depth of Well: 37' Screen Interval:

Development Method: Pneumatic Pump

Personnel: WGM, ECP

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
4:10 pm	22.18	113.0	5.25	6.4	163
4:15	22.09	112.6	5.25	4.0	166
4:20	22.00	111.9	5.28	4.9	169
4:25	22.04	111.9	5.25	4.9	172

Chlorine	Detected		Time
	Yes	No	4:25 pm

Comments:

Verified by: [illegible] Date: 10-10-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-10-02 Well No.: 236-B Depth to Water: 17.22'

Total Depth of Well: 32' Screen Interval: 27'-31.5'

Development Method: Pneumatic Pump

Personnel: WGM, ECP

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
8:35 AM surge	20.09	313	8.96	>440	1
8:40	20.02	279	8.29	>440	4
8:45	20.01	270	8.09	>440	7
8:50	19.99	225	7.56	>440	10
8:55	19.97	212	6.67	>440	13
9:00	19.97	187	5.59	>440	16
9:10 surge	19.92	161	5.50	426	22
9:15	19.94	140	5.37	>440	25
9:20	Batteries dead in meter - replace				
9:25	19.92	112	5.21	305	31
9:30	19.92	111	5.25	177	34
9:35	19.90	105	5.25	120.1	37
9:40	19.90	105	5.25	99.2	40
9:45	19.90	97	5.23	60.8	43
9:50	19.90	95	5.23	51.0	46
9:55	19.90	94	5.22	43.9	49
10:00	19.92	93	5.21	40.1	52
10:05	19.90	91	5.21	36.0	55

Chlorine	Detected		Time
	Yes	No	

Comments: Continued on page 16

Verified by: Date:

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-10-02 Well No.: 236-B (cont'd.) Depth to Water: 17.22'

Total Depth of Well: 32 Screen Interval: 27' - 31.5'

Development Method: Pneumatic Pump

Personnel: WGm, ECP

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
10:10 Am	19.92	89	5.21	28.1	58
10:15	19.92	89	5.21	26.2	61
10:20	19.92	87	5.20	23.6	64
10:25	19.92	87	5.20	19.7	67
10:30	19.92	85	5.19	18.2	70
10:35	19.92	84	5.19	17.9	73
10:40	19.92	84	5.19	17.3	76
10:45	19.92	83	5.19	15.8	79
10:50	19.92	83	5.19	14.0	82
10:55	19.92	83	5.19	15.2	85
11:00	19.92	83	5.19	14.1	88

Chlorine	Detected		Time
	Yes	No	

Comments:

Verified by: [signature] Date: 10-10-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-10-02 Well No.: 136-A Depth to Water: 13.35'

Total Depth of Well: 25' Screen Interval: 20 - 24.5'

Development Method: Pneumatic Pump

Personnel: WGM, ECP

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
11:10	20.42	109.9	5.51	>440	1
11:15	20.44	106.2	5.49	>440	4
11:20 Surge	pump cloged with stone				
11:25	cleaned pump				
11:30 Surge	20.44	94.9	5.41	>440	7
11:35 ↓	20.41	87.2	5.47	>440	10
11:40	20.42	84.6	5.44	>440	13
11:45	20.41	81.5	5.47	>440	16
11:50 Surge	20.44	76.7	5.44	>440	19
11:55	20.42	73.6	5.45	>440	22
12:00	20.42	70.3	5.48	358	25
12:05	20.41	68.6	5.43	251	28
12:10	20.41	65.5	5.49	166	31
12:15	20.39	64.8	5.47	138	34
12:20	20.35	84.4	5.46	113	37
12:25	20.34	96.4	5.43	78.4	40
12:30	20.35	100.7	5.42	65.7	43
12:35	20.34	100.6	5.44	59.5	46

Chlorine	Detected		Time
	Yes	No	2:07

Comments: Continued on page 18

Verified by: [signature] Date: 10-10-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-10-02 Well No.: 136-A (continued) Depth to Water: 13.35'

Total Depth of Well: 25' Screen Interval: 20'-24.5'

Development Method: Pneumatic Pump

Personnel: WGM, ECP

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
12:40 pm	20.35	100.1	5.44	53.7	49
12:45	20.34	100.1	5.41	41.5	52
12:50	20.34	99.7	5.38	36.6	55
12:55	20.32	99.6	5.36	32.0	58
1:00	20.34	100.4	5.37	28.9	61
1:05	20.32	99.2	5.36	25.4	64
1:10	20.28	97.6	5.35	24.3	67
~~1:1~~	LUNCH			~~21.9~~ 6m	70
1:25	20.28	95.7	5.35	21.9	76
1:30	20.28	97.0	5.39	22.4	79
1:35	20.28	97.0	5.38	21.3	82
1:40	20.32	98	5.37	21.7	85
1:45	20.30	97	5.36	22.9	88
1:50	20.30	97	5.35	25.4	91
1:55	20.32	97	5.33	26.5	94
2:00	20.34	97	5.32	25.4	97
2:05	20.34	98	5.32	25.4	100

Chlorine	Detected		Time
	Yes	No	2:09 pm

Comments:

Verified by: [illegible] Date: 10-10-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-11-02 Well No.: CMT 7 p.1 Depth to Water: 27.8

Total Depth of Well: 30' Screen Interval: 26'-30'

Development Method: ~~Pneumatic~~ Peristaltic Pump

Personnel: WGM, ECP

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
9:40	24.58	196	5.44	27.9	.75
9:50 Surge	24.95	188	5.61	>440	1
10:00	24.47	195	5.86	20.4	
10:10 Surge	25.08	144	6.00	>440	3 gal
10:20	24.40	129	4.35	6.0	
10:30	24.27	148	6.16	4.6	
10:40	24.25	120	6.03	.4	
10:50	24.21	103	6.03	0	6
11:00 Surge	24.09	101	5.94	1.4	
11:10	24.11	102	5.88	0	
11:20	24.21	90	5.79	0	
11:30	24.29	96	5.75	0	9

Chlorine	Detected		Time
	Yes	No	

Comments: After surging Port 1 clears up in less than a minute. 1 L every 3.5 minutes

Verified by: [signature] Date: 10-12-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: Well No.: Depth to Water:

Total Depth of Well: Screen Interval:

Development Method: Pneumatic Pump

Personnel:

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

Chlorine	Detected		Time
	Yes	No	

Comments:

Verified by: Date:

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: Well No.: CMT 7 P.7 Depth to Water:

Total Depth of Well: Screen Interval:

Development Method: Pneumatic Pump

Personnel:

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

NOID

Chlorine	Detected		Time
	Yes	No	

Comments:

Verified by: Date:

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-11-02 Well No.: CMT7P2 Depth to Water: 27.78'

Total Depth of Well: 52' Screen Interval: 36'-52'

Development Method: ~~Pneumatic~~ Peristaltic Pump

Personnel: WGM, ECP

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
9:45	24.29	130	5.37	3.4	.75
9:55 surge	24.01	140	5.64	126	1
10:00	24.27	127.3	5.68	24.6	
10:10	24.36	124	5.93	210	2 Gal
10:20 surge	24.03	129	5.94	178	~~2 Gal~~
10:30	23.92	86	5.89	9.4	
10:40	23.91	62	5.93	2.3	
10:50	23.76	66	5.77	1.0	4
11:00	23.81	70	5.72	.4	
11:10	23.81	66	5.68	0	
11:20	23.98	60	5.64	0	
11:30	23.96	59	5.70	0	6

Chlorine	Detected		Time
	Yes	No	11:30 Am

Comments: 1L every 4 minutes. After surging water remains clear.

Verified by: [signature] Date: 10-15-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-14-02 Well No.: 236-C Depth to Water: 16.85'

Total Depth of Well: 39' Screen Interval: 34'-38.5'

Development Method: Pneumatic Pump

Personnel: WGM, ECP

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
11:05 AM surge	20.09	63	5.61	>440	1
11:10 surge	20.08	63	5.43	>440	4
11:15 surge	19.85	63	5.20	>440	7
11:20	19.85	62	5.20	>440	10
11:25	19.91	62	5.20	>440	13
11:30	19.95	62	5.26	329	17
	LUNCH				
11:40	19.95	67	5.29	195	23
11:45	19.95	67	5.29	80.3	26
11:50	19.95	69	5.27	80.1	29
11:55	19.90	71	5.27	71.8	32
12:00 pm	19.94	71	5.29	44.8	35
12:05	19.90	75	5.28	31.2	38
12:10	19.90	75	5.29	22.0	41
12:15	19.90	74	5.28	18.3	44
12:20	19.90	76	5.28	16.4	47
12:25	19.90	74	5.29	15.2	50
12:30	19.92	73	5.28	13.2	53

Chlorine	Detected		Time
	Yes	No	

Comments: Continued on page 23

Verified by: [signature] Date: 10-15-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-14-02 Well No.: 236-C continued Depth to Water: 16.85'

Total Depth of Well: 39' Screen Interval: 34' - 38.5'

Development Method: Pneumatic Pump

Personnel: WGM, ECR

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
12:35 pm	19.94	72.1	5.27	9.2	56
12:40	19.97	71.1	5.24	8.1	59
12:45	19.99	69.5	5.26	6.3	62
12:50	19.97	69.3	5.27	5.1	65
12:55	20.02	68.4	5.27	4.7	68
1:00	20.02	68.2	5.26	3.7	71
1:05	20.04	66.5	5.28	3.5	74
1:10	20.02	66.6	5.27	2.5	77
1:15	19.99	66.6	5.27	2.4	80
1:20	19.96	66.1	5.26	2.5	83

Chlorine	Detected		Time
	Yes	No	1:20 pm

Comments:

Verified by: [signature] Date: 10-15-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-14-02 Well No.: CMT-5 P-1 Depth to Water: 16.96'

Total Depth of Well: 24' Screen Interval: 21'-24'

Development Method: ~~Pneumatic~~ Peristaltic Pump

Personnel: WGM, ECP

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
1:40 pm surge	20.58	151	5.60	7440	0.5
1:45	20.55	130	5.74	73.1	1.5
1:55 surge	20.46	105	5.62	29.2	
2:05	20.23	136	5.94	37.5	6
2:15	20.51	91.5	5.55	27.0	
2:25	20.48	81	5.58	18.5	
2:35	20.42	80	5.51	14.0	~~14~~ 14
2:45	20.51	77	5.46	11.0	
2:55	20.48	72	5.43	9.2	~~22~~
3:05	20.46	74	5.46	8.4	22
3:15	20.49	72	5.44	8.2	
3:25	20.48	72	5.38	7.6	
3:35	20.46	72	5.39	7.1	30
3:40	20.48	72	5.38	7.3	33

Chlorine	Detected		Time
	Yes	No	3:40 pm

Comments: 1L / 105 seconds - clears up quickly after surging

Verified by: [illegible] Date: 10-15-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: Well No.: Depth to Water:

Total Depth of Well: Screen Interval:

Development Method: Pneumatic Pump

Personnel:

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

Chlorine	Detected		Time
	Yes	No	

Comments:

Verified by:

Date:

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10.14.02 Well No.: CMT-5 P-2 Depth to Water: 16.96'

Total Depth of Well: 31' Screen Interval: 28'-31'

Development Method: ~~Pneumatic~~ Peristaltic Pump

Personnel: WGM, ECP

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
1:50 pm	20.32	167	5.90	>440	0.5
~~1:55~~ 2:00	20.22	176	5.91	105	1.5
2:10 surge	20.20	155	5.88	362	
2:20	20.32	117	5.98	39.6	4
2:30	20.23	100	5.98	21.1	
2:40	20.23	92	5.81	14.2	
2:50	20.22	86	5.79	11.5	8
3:00	20.23	81	5.74	8.0	
3:10	20.22	76	5.73 ~~5.70~~	8.1	
3:20	20.20	76	5.65	6.8	12
3:30	20.20	74	5.59	6.1	
3:40	20.21	75	5.63	6.2	14.5

Chlorine	Detected		Time
	Yes	No	3:40 pm

Comments: 1L / 2 minutes

Verified by: [signature] Date: 10-15-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-14-02 Well No.: CMT-5 P-3 Depth to Water: 16.96

Total Depth of Well: 38 Screen Interval: 35'-38

Development Method: ~~Pneumatic~~ Peristaltic Pump

Personnel: WGM, ECP

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
3:50 pm (pump)	20.18	71	5.43	>440	.5
3:55	20.18	71	5.42	>440	1.5
4:05	20.11	70	5.45	>440	
4:15 ~~4:15~~	20.11	68	5.47	34.8	
4:20	20.10	68	5.43	6.8	
4:25	20.06	68	5.41	3.4	5
4:30	19.97	70	5.37	2.6	
4:35	20.04	70	5.37	2.1	
4:40	20.02	69	5.35	1.9	7.5
4:45	20.08	70	5.34	1.4	
4:50	20.13	69	5.34	1.1	
4:55	20.04	69	5.30	.4	10
5:00	20.02	68	5.29	.6	
5:05	20.02	66	5.27	0	
5:10	20.01	66	5.29	0	13.5

Chlorine	Detected		Time
	Yes	No	5:10 pm

Comments: 1 L/2 min

Verified by: [signature] Date: 10-15-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-16-02 Well No.: 237-C Depth to Water: 21.45'

Total Depth of Well: 53' Screen Interval: 48'-52.5'

Development Method: Pneumatic Pump

Personnel: WGM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
9:30 Surge	20.55	151	7.55	>440	1
9:35	20.41	136	7.35	>440	4
9:40	20.70	134	7.64	>440	7
9:45	20.44	126	5.82	339	10
9:50	20.44	125	5.63	67.7	13
10:00 Surge	20.42	123	5.50	343	16
10:05	20.41	124	5.49	52.8	19
10:10	20.40	123	5.35	19.9	22
10:15	20.39	122	5.51	14.7	25
10:20	20.39	123	5.51	12.1	28
10:25	20.41	123	5.49	9.3	31
10:30	20.41	123	5.50	7.2	34
10:35	20.42	123	5.50	6.4	37
10:40	20.42	123	5.50	5.9	40
10:45	20.41	127	5.47	3.7	43
10:50	20.42	131	5.44	4.6	47
10:55	20.42	127	5.39	4.2	50
11:00	20.42	127	5.36	4.3	53

Chlorine	Detected		Time
	Yes	No	

Comments: Continued on page 30

Verified by: Date:

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-16-02 Well No.: 237-C (continued) Depth to Water: 21.45'

Total Depth of Well: 53' Screen Interval: 48'-52.5'

Development Method: Pneumatic Pump

Personnel: WGM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
11:05 Am	20.42	127	5.37	4.3	56
11:10	20.42	127	5.36	4.2	59

Chlorine	Detected		Time
	Yes	No	11:10 AM

Comments:

Verified by: [signature] Date: 10-21-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-18-02 Well No.: 138-A Depth to Water: 29.31'

Total Depth of Well: 39' Screen Interval: 34'-38.5'

Development Method: Pneumatic Pump

Personnel: WGM, CLK

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
9:55 Am surge	20.13	183	4.96	>440	1
10:00 Am	20.13	183	5.07	>440	5
10:05	20.13	183	5.07	310	~~10~~ 9
10:10 surge	20.13	152	5.02	>440	13
10:15	20.13	134	4.99	>440	17
10:20	20.17	120	5.01	132	21
10:25	20.20	109	5.01	~~125~~ 40.8	25
10:30	20.20	105	4.98	13.7	29
10:35	20.20	105	5.00	9.8	33
10:40	20.21	106	4.99	6.8	37
10:45	20.22	106	4.99	6.4	41
10:50	20.20	107	4.99	6.7	45
10:55	20.20	108	5.0	6.5	49
11:00	20.20	108	5.0	6.3	53

Chlorine	Detected		Time
	Yes	No	11:00 Am

Comments:

Verified by: [signature] Date: 10-21-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-18-02 Well No.: 238-B Depth to Water: 28.83'

Total Depth of Well: 49' Screen Interval: 44'-48.5'

Development Method: Pneumatic Pump

Personnel: WGM, CLK

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
11:10 AM surge	20.39	212	8.45	7440	1
11:15 surge	20.19	262	8.59	>440	5
11:20	20.19	275	8.77	>440	9
11:25	20.16	310	8.85	>440	13
11:30	20.44	424	8.81	>440	17
11:35	20.32	660	7.56	>440	21
11:40 surge	20.20	653	7.75	>440	25
	Pump Clogged				
12:05 pm	20.22	548	6.31	103.7	29
12:10	20.49	462	6.24	80.5	33
12:15	20.41	317	6.17	104	36
12:20	20.46	312	6.20	82.7	39
12:25	20.49	295	6.23	84.1	42
12:30	20.48	287	6.28	71.3	45
12:35	20.49	265	6.26	68.7	48
12:40	20.49	248	6.25	70.1	51
12:45	20.49	248	6.25	64.7	54
12:50	20.51	230	6.17	67.6	57

Chlorine	Detected		Time
	Yes	No	

Comments: Water started clear before surging (no red color)
Continued on page 33

Verified by:

Date:

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-18-02 Well No.: 238-B continued Depth to Water: 28.83'

Total Depth of Well: 49' Screen Interval: 44'-48.5'

Development Method: Pneumatic Pump

Personnel: WGM, CLK

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
12:55 pm	20.50	215	6.05	66.7	60
1:00	20.49	212	6.01	65.5	63
1:05	20.49	201	5.83	75.1	66
1:10	20.49	192	5.80	74.9	69
1:15	20.49	186	5.70	79.7	72
1:20	20.45	182	5.72	79.8	75
1:25	20.37	180	5.75	77.6	78
1:30	20.42	175	5.70	77.7	81
1:35	20.37	171	5.68	79.2	84
1:40	20.32	166	5.65	79.7	87
1:45	20.29	163	5.66	78.4	90
1:50	20.29	160	5.66	79.0	93
1:55	20.28	159	5.65	78.8	96
2:00	20.30	156	5.65	79.9	99
2:05	20.30	154	5.67	80.7	102
2:10	20.30	150	5.65	81.2	105
2:15	20.30	152	5.66	80.1	108
2:20	20.30	151	5.66	79.6	111

Chlorine	Detected		Time
	Yes	No	

Comments: Continued on page 34

Verified by: Date:

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-18-02 Well No.: 238-B (continued) Depth to Water: 28.83'

Total Depth of Well: 49' Screen Interval: 44'-48.5'

Development Method: Pneumatic Pump

Personnel: WGM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
2:25 pm	20.30	152	5.67	77.4	114

Chlorine	Detected		Time
	Yes	No	2:25 pm

Comments:

Verified by: [signature] Date: 10-21-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-21-02 Well No.: 238-C Depth to Water: 29.20'

Total Depth of Well: 55' Screen Interval: 50'-54.5'

Development Method: Pneumatic Pump

Personnel: CLK, ECP

	Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
	10:15	20.36	132.6	6.89	>440	—
	10:20	20.15	100.4	5.82	>440	5
surged	10:25	20.09	101.5	5.11	>440	10
	10:30	20.09	92.1	5.15	>440	15
Surged	10:35	20.08	88.9	4.93	>440	20
	10:40	20.08	87.5	4.86	226	25
	10:45	20.06	88.5	4.88	141	30
	10:50	20.06	88.9	4.85	100	35
	10:55	20.06	88.7	5.06	72.3	40
	11:00	20.06	88.5	5.11	57.8	45
	11:05	20.06	88.0	5.10	45.9	50
	11:10	20.06	88.0	5.08	40.3	55
	11:15	20.06	88.5	5.10	30.4	60
	11:20	20.06	88.5	5.12	25.8	65
	11:25	20.08	93.3	4.87	31.0	70
	11:30	20.06	90.0	5.25	26.0	75
	11:35	20.04	88.8	5.27	25.6	80
	11:40	20.04	88.4	5.24	22.3	85

Chlorine	Detected		Time
	Yes	No	

Comments: Continued on page 36

Verified by:

Date:

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-21-02 Well No.: 238-C Depth to Water: 29.20'

Total Depth of Well: 55' Screen Interval: 50-54.5'

Development Method: Pneumatic Pump

Personnel: CLK ECP

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
11:45	20.16	88.7	4.95	14.4	90
11:50	20.25	86.9	4.99	6.0	95
11:55	20.23	90.0	5.01	5.5	100
12:00	20.25	89.8	5.02	4.9	105
12:05	20.27	89.8	5.05	4.4	110
12:10	20.44	91.0	5.02	4.7	115
12:15	20.48	91.3	5.00	4.5	120

Chlorine	Detected		Time
	Yes	No	12:15pm

Comments:

Verified by: [illegible] Date: 10-22-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10/24/02 Well No.: PW-2 Depth to Water: 16.63

Total Depth of Well: ~~53.5~~ 39' Screen Interval: ~~33-53~~ 19-38.5

Development Method: Pneumatic Pump

Personnel: Greg Meeks Chris Krafchesk

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
11:00am	lots of silts in the bottom of well			>440	
	Air lifted 2 gallons per lift				
	Six lifts per minute				
2:30pm	Water got clear cannot				
	fall silts at bottom of well				
	But still greater than			>440	400

Chlorine	Detected		Time
	Yes	No	

Comments:

Verified by:

Date:

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10/28/02 Well No.: PW-1A Depth to Water: 27.50

Total Depth of Well: 53.5 Screen Interval: 33.5-53

Development Method: Pneumatic Pump

Personnel: Greg Meeks Chris Kratchach

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
11:30am				>440	
	Very Turbid Can't feel any silts				
	at Bottom of well.				
	Air lifted 2-3gallons Per lift				
	4-5 lifts per minute				
4:00pm				287	
	Water is realitivly clear				250

Chlorine	Detected		Time
	Yes	No	

Comments:

Verified by: Date:

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-22 & 10-23-02 Well No. CMT 3 Ports 1-7 Depth to Water:

Total Depth of Well: Screen Interval:

Development Method: Pneumatic Pump

Personnel: CK & TK

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

Chlorine	Detected		Time
	Yes	No	

Comments: CMT 3 Ports 1 through 7 were ~~sa~~ developed and sampled on the same day. See MW sampling forms, pgs. 41-47 of book 1 of 2.

Verified by:

Date:

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10-25-02 Well No.: CMT4 Ports 1-7 Depth to Water:

Total Depth of Well: Screen Interval:

Development Method: Pneumatic Pump

Personnel: Brad Baker and Reggie Robinson

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

Chlorine	Detected		Time
	Yes	No	

Comments: CMT4 Ports 1 through 7 were developed and sampled on the same day. The field readings are in the MW sampling Book 2 on pages 66 thru 74.

Verified by: Date:

TTL, Inc.
October 2002
Monitoring Well Development

Facility Name: ALDOT/Coliseum Blvd Plume
Job No.: 0700-024
Date: 10/28/02
Well No.: CMT6-1
Depth to Water: 27.56'
Total Depth of Well: 31'
Screen Interval: 26-30'
Development Method: ~~Pneumatic~~ Peristaltic Pump
Personnel: Brad Baker

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
3:52	24.48	193	5.81	27.6	—
4:02	23.99	125	5.64	19.2	
4:12	23.89	117	5.62	3.3	
4:22	23.81	114	5.23	1.4	
4:32	23.85	114	5.59	.02	5
4:42	23.74	110	5.54	0.0	
4:52	23.74	106	5.50	0.0	

Chlorine	Detected		Time
	Yes	No	4:51

Comments:

Verified by: [illegible]
Date: 10.29.02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10/28/02 Well No.: CMT 6-2 Depth to Water: 28.15'

Total Depth of Well: 52' Screen Interval: 36 - 52'

Development Method: ~~Pneumatic~~ Peristaltic Pump

Personnel: Brad Baker

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
3:53	23.80	227	5.91	34.8	—
4:03	23.86	155	5.34	1.0	
4:13	23.86	149	5.26	0.0	
4:23	23.73	157	5.25	0.0	
4:33	23.74	160	5.20	0.0	
4:43	23.65	161	5.24	0.0	4
4:53	23.71	159	5.26	0.0	

Chlorine	Detected		Time
	Yes	No	4:50

Comments:

Verified by: [signature] Date: 10-29-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10/29/02 Well No.: PW-1A Depth to Water: 27.50'

Total Depth of Well: 53.5' Screen Interval: 33.5-53

Development Method: Pneumatic Pump

Personnel: Brad Baker Chris Krafchek

	Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)	
	10:30am	23.41	65	6.18	71.8	10	
Surge	10:40	22.86	84	5.94	37.7	40	
	10:50	22.94	75	5.69	14.2	70	
Surge	11:00	22.82	72	5.55	3.7	100	wl* 28.20 28.60
Surge	11:10	22.86	71	5.55	77.4	130	
	11:20	22.85	70	5.54	13.7	160	
	11:30	22.83	70	5.48	19.7	190	
	11:40am	22.80	70	5.40	10.6	220	wl* 28.20 28.70
	Turned off Air compressor to Discharge water						
	at Decon pad @ 11:44am						
Surge	12:50pm	23.04	70	5.43	32	225	wl* 27.50
	1:00	22.85	70	5.40	11.2	255	
	1:10	22.85	69	5.33	5.7	285	
	1:20	22.84	68	5.32	2.3	315	
Surge	1:30	22.87	67	5.26	5.1	345	
	1:40	22.79	66	5.25	12.9	375	
	1:50	22.84	66	5.21	5.5	405	
	2:00	22.86	65	5.22	5.0	435	

Chlorine	Detected		Time
	Yes	No	

Comments: *Water Level Continued on next Page

Two pumps in the well; one on top of the other.

Verified by: Date:

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10/29/02 Well No.: PW-1A Depth to Water: 27.50'

Total Depth of Well: 53.5' Screen Interval: 33.5-53'

Development Method: Pneumatic Pump

Personnel: Brad Baker; Chris Krafcheck

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
2:50pm	22.86	67	5.28	1.2	30
3:00	22.75	65	5.19	0.7	60
3:10	22.69	65	5.21	0.3	90
3:20	22.70	65	5.20	0.1	120
3:30	22.69	65	5.20	0.0	150
3:40	22.67	65	5.22	0.0	180
3:50	22.65	65	5.23	0.0	210
				previous page	+435
					=645 total gallons

Chlorine	Detected		Time
	Yes	No	4:00pm

Comments: Turned off pumps @ 2:00pm to empty Container.

Verified by: [signature] Date: 10.30.02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10/30/02 Well No.: PW-2 Depth to Water: 16.56'

Total Depth of Well: 39' Screen Interval: 33-38.5'

Development Method: Pneumatic Pump

Personnel: Reggie Robinson; Chris Kratzbeck; Brad Baker

	Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)	
	11:20am	20.87	68	5.78	16.4	20	
Surge	11:30	20.16	56	5.53	17.4	60	
	11:40	20.08	56	5.26	12.8	110	
Surge	11:50	20.13	61	5.17	27.0	150	WL* 16.63 16.92
	12:00pm	20.07	55	5.11	8.2	190	
	12:10	20.10	54	5.01	1.4	230	
Surge	12:20	20.15	57	5.04	22.3	250	
	12:30	20.11	54	5.01	2.0	290	
	12:40	20.02	68	5.01	1.0	325	WL* 16.65 16.83
	Stopped pumping @ 12:45pm to empty water container at the Docow pad. Restarted 1:50pm						
	1:50pm	21.37	59	5.10	0.8	10	WL** 16.55
Surge	2:00	20.65	56	4.95	8.4	30	
	2:10	20.55	54	4.87	2.2	70	
	2:20	20.34	54	4.87	1.1	100	
	2:30	20.22	56	4.85	0.6	140	
	2:40	20.08	54	4.86	0.8	180	
	2:50	20.09	55	4.79	0.4	220	

Chlorine	Detected		Time
	Yes	(No)	12:15pm

Comments: * Hi + Low Water level measurement. Flow approx. 4gal./minute.
** Water level before Restarting Continued on next page

Verified by: Date:

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: 10/30/02 Well No.: PW-2 Depth to Water: 16.56'

Total Depth of Well: 39' Screen Interval: 33-38.5

Development Method: Pneumatic Pump

Personnel: Chris Krafchack

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	Volume Pumped (gallons)
3:00	20.01	54	4.83	0.0	250
3:10	19.94	55	4.86	0.0	280
3:20	19.82	55	4.82	0.0	310
3:30	19.97	55	4.82	0.0	350

*16.65
16.92

Chlorine	Detected		Time
	Yes	No	12:15 pm

Comments:* Hi-low Water Level Measurement. Flow approx. 4 gals/min.

Verified by: [illegible] Date: 10-31-02

TTL, Inc.
October 2002
Monitoring Well Development

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

Date: Well No.: Depth to Water:

Total Depth of Well: Screen Interval:

Development Method: Pneumatic Pump

Personnel:

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

Last page

Chlorine	Detected		Time
	Yes	No	

Comments:

Verified by: Date:

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: WGm, MMM, MTK

Date: 10-1-02 Well No.: 105 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
21.61'	27.00'	P/Cloudy Mid 80	0.6 3.10	11

Disolved Oxygen (mg/L)	Begin Reading:	4.24	Time:	2:16 p	End Reading:	4.32	Time:	3:15 p
Redox (mV)	Begin Reading:	586.3	Time:	2:16 p	End Reading:	649.2	Time:	3:15 p
Iron (mg/L)	Fe (II):	<0.5	Time:	3:29	Fe (Total):	<0.5	Time:	3:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:16 pm	23.17	80	4.63	50.8
2:20	22.22	77	3.95	19.7
2:25	22.17	77	4.39	12.4
2:30	22.18	77	4.30	10.5
2:35	22.20	77	4.30	9.5
2:40	22.21	77	4.26	0.0
2:45	22.37	77	4.26	0.0
2:50	22.34	77	4.18	0.0
2:55	22.10	77	4.19	0.0
3:00	21.95	78	4.15	0.0
3:05	22.01	78	4.12	0.0
3:10	21.86	77	4.12	0.0

Comments: Sampled @ 3:15 PM

Verified by: [signature] Date: 10-2-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: WGM, MTK

Date: 10-2-02 Well No.: 107 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
31.15'	35.0'	Sunny mid 80°F	D-6 1-10	20

Disolved Oxygen (mg/L)	Begin Reading:	4.92	Time:	8:05A	End Reading:	6.18	Time:	8:35A
Redox (mV)	Begin Reading:	593.4	Time:	8:05A	End Reading:	619.2	Time:	8:35A
Iron (mg/L)	Fe (II):	<0.5	Time:	8:40A	Fe (Total):	<0.5	Time:	8:40A

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
~~22.34~~ 8:05	22.34	51	4.04	10.5
~~22.36~~ 8:10	22.36	51	4.05	4.2
8:15	22.35	51	4.01	0.6
8:20	22.34	52	3.95	0.0
8:25	22.78	52	4.02	0.0
8:30	22.86	52	4.00	0.0
8:35	22.59	51	3.99	0.0
8:40	22.84	40	4.87	~~10.6~~ 0.0

Comments: Sampled @ 8:45AM

Verified by: [illegible] Date: 10-4-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: WGM, MTK

Date: 10-2-02 Well No.: 207 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
~~28~~. 27.87'	67.5'	Sunny mid 80°F	50	15

Disolved Oxygen (mg/L)	Begin Reading:	2.94	Time:	9:20	End Reading:	5.48	Time:	10:05
Redox (mV)	Begin Reading:	398.0	Time:	9:20	End Reading:	562.1	Time:	10:05
Iron (mg/L)	Fe (II):	<0.5	Time:	10:05	Fe (Total):	<0.5	Time:	10:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:20 AM	22.77	42	5.13	>440
9:25 AM	22.73	39	4.89	>440
9:30 AM	22.74	39	4.88	67.2
9:35	22.80	39	4.86	15.0
9:40	23.30	40	4.95	10.6
9:45	23.75	41	4.93	7.5
9:50	22.74	41	4.86	6.1
9:55	22.79	42	4.89	5.9
10:00	23.07	42	4.89	6.3
10:05	23.21	42	4.89	6.3

Comments: Sampled @ 10:10 AM

Verified by: [signature] Date: 10-4-02

TTL, Inc.

October 2002

Quarterly Monitoring Well Sampling

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

Personnel: WGM, MTK

Date: 10-2-02 Well No.: 108 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
18.90'	25'	Sunny Upper 80°F	50	17 gallons

Disolved Oxygen (mg/L)	Begin Reading:	4.27	Time:	11:00	End Reading:	4.81	Time: ~~4.81~~ 12:05 pm
Redox (mV)	Begin Reading:	580.7	Time:	11:00	End Reading:	624.1	Time: 12:05 pm
Iron (mg/L)	Fe (II):	0.5 ~~0.7~~ TK	Time:	12:10 pm	Fe (Total):	0.50	Time: 12:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:00 Am	24.03	60	3.97	>440
11:05	24.03	61	4.03	>440
11:10	23.80	61	3.98	>440
11:15	24.60	64	4.06	>440
11:20	24.26	66	4.08	>440
11:25	23.81	61	4.00	290
11:30	23.94	61	4.00	181
11:35	24.06	61	4.00	51.1
11:40	24.01	61	3.99	39.1
11:45	23.91	61	3.98	23.1
11:50	23.95	61	3.98	22.6
11:55	23.87	61	3.97	21.1
12:00 pm	24.01	61	3.98	21.3
12:05 pm	24.05	61	3.97	21.2

Comments: Sampled @ 12:10 PM.

Verified by: Johnson Date: 10-4-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: WGM, MTK

Date: 10-2-02 Well No.: 208 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
18.68'	52'	Sunny Mid 80°F	50	18

Disolved Oxygen (mg/L)	Begin Reading:	4.01	Time:	12:50	End Reading:	4.75	Time:	1:25 pm
Redox (mV)	Begin Reading:	532.3	Time:	12:50	End Reading:	561.4	Time:	1:25
Iron (mg/L)	Fe (II):	<0.5	Time:	1:25	Fe (Total):	<0.5	Time:	1:25

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:50pm	25.73	64	5.36	41.1
12:55	24.94	57	5.15	20.3
1:00	24.31	50	5.04	13.7
1:05	24.52	52	4.91	14.9
1:10	24.50	52	4.90	18.1
1:15	24.19	53	4.90	14.0
1:20	24.98	53	4.90	13.8
1:25	24.92	53	4.90	13.7

Comments: Sampled @ 1:30PM

Verified by: [illegible] Date: 10-4-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: WGM, MTK

Date: 10-2-02 Well No.: 209 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
26.07'	70'	Sunny Upper 80°F	20	26

Disolved Oxygen (mg/L)	Begin Reading:	1.99	Time:	2:25	End Reading:	1.80	Time:	3:10
Redox (mV)	Begin Reading:	409.5	Time:	2:25	End Reading:	567.8	Time:	3:10
Iron (mg/L)	Fe (II):	<0.50 ~~0.12~~ WGM KD	Time:	3:~~25~~ 10 TK	Fe (Total):	<0.50 ~~0.20~~ WGM KD	Time:	3:~~25~~ 10 TK

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:25 pm	24.41	66	4.87	106
2:30	24.15	61	4.84	24.3
2:35	23.90	57	4.73	14.1
2:40	23.86	56	4.71	10.6
2:45	24.60	56	4.71	5.2
2:50	23.61	54	4.63	4.2
2:55	23.42	55	4.66	3.0
3:00	23.56	56	4.72	3.2
3:05	22.74	54	4.66	3.2
3:10	22.75	54	4.63	3.0

Comments: Sampled @ 3:15PM

Verified by: [signature] Date: 10-4-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: WGM, MTK

Date: 10-2-02 Well No.: MW-109 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
26.65'	33'	Sunny Upper 80°F	50	26

Disolved Oxygen (mg/L)	Begin Reading:	2.16	Time:	3:40 p	End Reading:	1.19	Time: 4:45 pm
Redox (mV)	Begin Reading:	522.0	Time:	3:40 pm	End Reading:	497.2	Time: 4:45
Iron (mg/L)	Fe (II):	<0.5	Time:	4:45	Fe (Total):	<0.050 ~~0.70~~	Time: 4:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:40 pm	24.05	46	4.45	389
3:45	22.42	45	4.29	102
3:50	22.08	45	4.31	60.1
3:55	22.08	45	4.29	48.2
4:00	22.45	45	4.28	19.0
4:05	22.07	45	4.27	17.4
4:10	22.06	44	4.26	14.3
4:15	21.95	44	4.25	14.2
4:20	21.98	44	4.29	9.2
4:25	21.99	44	4.28	9.2
4:30	21.86	44	4.28	4.9
4:35	22.17	45	4.28	5.4
4:40	22.20	45	4.24	5.3
4:45	22.21	45	4.24	4.9

Comments: Sampled @ 5:00 PM ~~Duplicate collected~~

Verified by: [illegible] Date: 10-4-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Krafcheck Todd Kraft

Date: 10-3-02 Well No.: 106 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
28.28'	34'		Partly Cloudy 80's		50		10	
Disolved Oxygen (mg/L)	Begin Reading:	4.04	Time:	9:20	End Reading:	3.36	Time:	9:45
Redox (mV)	Begin Reading:	649	Time:	9:20	End Reading:	656.3	Time:	9:45
Iron (mg/L)	Fe (II):	<0.50	Time:	9:50	Fe (Total):	<0.50	Time:	9:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:20 AM	24.86	66	4.76	22.4
9:25	23.43	64	4.12	6.2
9:30	23.45	64	4.10	4.3
9:35	23.40	64	4.08	0.0
9:40	23.44	64	4.09	0.0
9:45	23.45	64	4.09	0.0

Comments: Sampled @ 9:50am TOC collected

Verified by: [signature] Date: 10-3-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kraftcheck, Todd Kraft

Date: 10/3/02 Well No.: 206 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.23'	54.5'	Sunny 80's	50	14

Disolved Oxygen (mg/L)	Begin Reading:	5.05	Time:	10:30	End Reading:	6.14	Time:	11:05
Redox (mV)	Begin Reading:	548.2	Time:	10:30	End Reading:	600.0	Time:	11:05
Iron (mg/L)	Fe (II):	<0.5	Time:	11:15	Fe (Total):	<0.5	Time:	11:15

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:30AM	25.02	73	5.85	32.2
10:35	24.23	60	5.66	14.1
10:40	24.45	62	5.68	6.5
10:45	24.43	66	5.75	5.1
10:50	24.39	68	5.80	5.0
10:55	24.44	70	5.87	5.1
11:00	24.35	69	5.88	5.4
11:05	24.34	69	5.88	5.3

Comments: Sampled @ 11:15 TOC collected

Verified by: [signature] Date: 10-4-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kraft/Chuck Todd Kraft

Date: 10/3/02 Well No.: 226 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
15.38	21	Sunny/cloudy 80's	50	16

Disolved Oxygen (mg/L)	Begin Reading:	4.03	Time:	1:05pm	End Reading:	5.00	Time:	1:45
Redox (mV)	Begin Reading:	585.4	Time:	1:05pm	End Reading:	644.4	Time:	1:45
Iron (mg/L)	Fe (II):	<0.50	Time:	1:50	Fe (Total):	<0.50	Time:	1:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:05pm	25.23	62	4.57	146
1:10 pm	24.82	59	4.38	73.4
1:15pm	24.61	57	~~4.36~~ CJK 4.36	20.6
1:20	24.70	57	4.46	5.6
1:25	24.64	56	4.34	2.1
1:30	24.67	56	4.45	1.2
1:35	24.61	56	4.34	0.8
1:40	24.64	56	4.34	0.0
1:45	24.68	56	4.34	0.0

Comments: Sampled @ 1:50pm

Verified by: [illegible] Date: 10-4-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Todd Kratchet Chris Kratchet

Date: 10/3/02 Well No.: 219 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
10.51'	19.5'	Partly Cloudy/windy 80's	50	12

Disolved Oxygen (mg/L)	Begin Reading:	3.81	Time:	2:25	End Reading:	3.10	Time:	2:55
Redox (mV)	Begin Reading:	561.0	Time:	2:25	End Reading:	627.7	Time:	2:55
Iron (mg/L)	Fe (II):	<0.50	Time:	3:00	Fe (Total):	<0.50	Time:	3:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:25 PM	26.03	42	4.16	270
2:30	24.50	41	4.05	86
2:35	24.18	41	4.01	12.3
2:40	24.28	41	4.00	4.5
2:45	24.08	41	4.00	4.2
2:50	23.98	41	4.00	4.1
2:55	24.08	41	4.00	4.2

Comments: Sampled @ 3:00pm

Verified by: [illegible] Date: 10-4-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Todd Kraft Chris Kratcheck

Date: 10/4/02 Well No.: 112 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
29.33'	35'	Cloudy 70's	50	6

Disolved Oxygen (mg/L)	Begin Reading:	6.07	Time:	1:00	End Reading:	6.01	Time:	1:30
Redox (mV)	Begin Reading:	556.0	Time:	1:00	End Reading:	620.5	Time:	1:30
Iron (mg/L)	Fe (II):	<0.50	Time:	1:35	Fe (Total):	<0.50	Time:	1:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
100 PM	24.44	58	4.76	>440
1:05	22.37	62	4.10	16.6
1:10	22.28	62	3.80	2.4
1:15	22.33	62	3.79	0.2
1:20	22.28	62	3.74	0.0
1:25	22.31	62	3.74	0.0
1:30	22.31	62	3.74	0.0

Comments: Bladder Pump needed repairs fixed it; then air compressor broke. No water came out of well. Fixed problem 1:00 pm

Verified by: [illegible] Date: 10-7-02

Sampled @ 1:35

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Todd Kraft Chris Kraft

Date: 10/4/02 Well No.: 212 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
29.49'	71'	cloudy 70s	50	33

Disolved Oxygen (mg/L)	Begin Reading:	6.90	Time:	1:45	End Reading:	9.17	Time:	2:40
Redox (mV)	Begin Reading:	562.7	Time:	1:45	End Reading:	587.9	Time:	2:40
Iron (mg/L)	Fe (II):	<0.50	Time:	2:45	Fe (Total):	<0.50	Time:	2:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:45	26.97	58	4.81	102
1:50	25.00	60	5.35	115
1:55	24.24	46	5.04	108
2:00	24.50	46	5.00	31.8
2:05	24.61	45	4.97	21.1
2:10	24.47	44	4.94	16.0
2:15	24.66	45	4.92	16.0
2:20	24.56	45	4.91	13.0
2:25	24.80	45	4.88	13.1
2:30	24.47	45	4.84	8.4
2:35	24.52	45	4.84	8.3
2:40	24.49	45	4.84	8.3
~~2:45~~				

Comments: Sampled @ 2:45 pm

Verified by: [illegible] Date: 10-7-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kraftcheck ; Charles Rolling

Date: 10/7/02 Well No.: 224 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
30.04'	54'	mostly Cloudy Low 80's	50	17

Disolved Oxygen (mg/L)	Begin Reading:	5.20	Time:	12:55	End Reading:	8.37 CLK ~~8.37~~	Time:	2:15
Redox (mV)	Begin Reading:	446.8	Time:	12:55	End Reading:	586.7	Time:	2:15
Iron (mg/L)	Fe (II):	<0.50	Time:	6:00	Fe (Total):	<0.50	Time:	6:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:55 pm	28.24	68	4.95	70.6
1:00 pm	22.83	61	4.47	16.0
1:05 pm	22.55	61	4.39	9.7
1:10 pm	22.43	62	4.39	7.5
1:15 pm	22.41	62	4.37	3.9
1:20	22.61	62	4.36	3.4
1:25	22.45	62	4.36	2.9
1:30	22.65	63	4.37	2.4
1:35	22.81	63	4.37	1.6
1:40	22.58	63	4.37	1.7
1:45	22.75	63	4.36	2.4
1:50	22.39	63	4.35	1.0
1:55	22.39	63	4.34	0.8
2:00	22.29	63	4.34	1.1
2:05	22.41	63	4.34	0.5
2:10	22.60	63	4.34	0.5
2:15	22.40	63	4.34	0.5

Comments: Sampled @ 2:20 pm

Verified by: [signature] Date: 10-8-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratochvil Charles Rollins

Date: 10/7/02 Well No.: 124 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
29.56'	39'	Partly Cloudy 80's	50	12

Disolved Oxygen (mg/L)	Begin Reading:	7.92	Time:	3:30	End Reading:	9.25	Time:	4:30
Redox (mV)	Begin Reading:	601.8	Time:	3:30	End Reading:	547.0	Time:	4:30
Iron (mg/L)	Fe (II):	<0.50	Time:	6:10	Fe (Total):	<0.50	Time:	6:15

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
~~26~~ GLR 3:30pm	26.31	67	4.21	>440
3:35pm	22.80	65	4.12	128
3:40	23.04	65	4.08	63.6
3:45	22.91	65	4.58	18.7
3:50	22.92	65	4.13	11.2
3:55	22.84	65	4.05	6.8
4:00	22.81	65	4.04	2.9
4:05	22.76	65	4.04	1.5
4:10	22.53	65	4.00	0.3
4:15	22.70	65	4.04	0.0
4:20	22.53	65	4.04	0.0
4:25	22.36	65	4.04	0.0

Comments: Sampled @ 4:30pm

Verified by: [signature] Date: 10-8-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kraftchek

Date: 10-8-02 Well No.: 101 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
9.48	12.37	Sunny 70's	50	5

Disolved Oxygen (mg/L)	Begin Reading:	6.23	Time:	9:45	End Reading:	4.34	Time:	10:05
Redox (mV)	Begin Reading:	450.8	Time:	9:45	End Reading:	566.6	Time:	10:05
Iron (mg/L)	Fe (II):	<0.50	Time:	10:10	Fe (Total):	<0.50	Time:	10:15

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:45 am	25.08	47	4.67	440
9:50	24.74	47	3.97	0.3
9:55	24.84	47	3.97	0.0
10:00	24.98	47	3.97	0.0
10:05	25.16	47	3.97	0.0

Comments: Removed minitroll @ 9:10am Sampled @ 10:10 am Minitroll Back in well @ 10:55am Split Sample w/ Jeff Fincher

Verified by: [signature] Date: 10-9-02

Took Duplicates

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Krafcheck Todd Kraft

Date: 10/8/02 Well No.: 201 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
9.60'	27.87'		Sunny 80's		50		22	
Disolved Oxygen (mg/L)	Begin Reading:	6.15	Time:	11:05	End Reading:	6.34	Time:	12:00
Redox (mV)	Begin Reading:	509.4	Time:	11:05	End Reading:	546.4	Time:	12:00
Iron (mg/L)	Fe (II):	<0.50	Time:	12:05	Fe (Total):	<0.50	Time:	12:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:05 AM	24.64	62	5.02	83.6
11:10	23.24	60	4.66	17.5
11:15	21.75	58	4.58	2.2
11:20	21.74	56	4.56	1.1
11:25	21.59	56	4.50	0.4
11:30	21.65	57	4.46	0.6
11:35	21.73	57	4.35	0.1
11:40	21.74	58	4.34	0.0
11:45	21.70	57	4.27	0.0
11:50	21.69	57	4.34	0.0
11:55	21.63	57	4.34	0.0
12:00 PM	21.75	57	4.34	0.0

Comments: Sampled @ 12:05pm split sample w/ Jeff Fincher

Verified by: [illegible] Date: 10-9-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kraft Todd Kraft

Date: 10/8/02 Well No.: 103 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
15.62'	16.91'	Sunny 80's	50	1

Disolved Oxygen (mg/L)	Begin Reading:	4.14	Time:	1:25	End Reading:	8.86	Time:	2:25
Redox (mV)	Begin Reading:	424.3	Time:	1:25	End Reading:	509.2	Time:	2:25
Iron (mg/L)	Fe (II):	<0.50	Time:	2:30	Fe (Total):	<0.50 <0.05	Time:	2:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:25 PM	31.55	87	5.09	>440
1:30	31.04	82	4.93	>440
1:35	29.34	67	4.80	>440
1:40	29.36	67	4.84	>440
1:45	29.18	69	4.65	118
1:50	29.16	70	4.70	63.1
1:55	29.02	70	4.68	41.8
2:00	28.48	69	4.70	31.8
2:05	28.20	67	4.65	17.9
2:10	28.18	66	4.67	16.5
2:15	28.24	70	4.66	9.9
2:20	28.25	70	4.66	9.8
2:25	28.25	70	4.66	9.9

Comments: Sampled @ 2:30pm Went Dry after Sampling
Split w/ Jeff Finchen

Verified by: [illegible] Date: 10-9-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Todd Kroft Chris Kroft

Date: 10/8/02 Well No.: 203 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
15.76'	~~203~~ 33.55		Sunny 80's		50		15	
Disolved Oxygen (mg/L)	Begin Reading:	5.74	Time:	3:40	End Reading:	5.89	Time:	4:05
Redox (mV)	Begin Reading:	463.4	Time:	3:40	End Reading:	572.2	Time:	4:05
Iron (mg/L)	Fe (II):	<0.50	Time:	4:10	Fe (Total):	<0.50	Time:	4:15

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:40 PM	24.57	61	4.99	432
3:45	20.69	57	4.04	18.7
3:50	20.59	57	4.03	11.5
3:55	20.59	57	4.03	7.7
4:00	20.56	57	4.03	7.8
4:05	20.49	57	4.03	2.7

Comments: Sampled @ 4:10 pm Split w/ Jeff Fischer

Verified by: [signature] Date: 10-9-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratcheck Todd Kraft

Date: 10/9/02 Well No.: 129 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
20.95'	27.5'		Cloudy 60's		50		15	
Disolved Oxygen (mg/L)	Begin Reading:	7.80	Time:	10:05	End Reading:	8.16	Time:	10:30
Redox (mV)	Begin Reading:	569.8	Time:	10:05	End Reading:	623.6	Time:	10:30
Iron (mg/L)	Fe (II):	<0.50	Time:	10:35	Fe (Total):	<0.50	Time:	10:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:05 am	21.96	62	4.10	13.4
10:10	21.59	64	3.65	4.3
10:15	21.59	65	3.63	0.2
10:20	21.60	65	3.58	0.0
10:25	21.61	65	3.55	0.0
10:30	21.62	65	3.60	0.0

Comments: Sampled @ 10:35 Took Split samples for Jeff Fincher.

Verified by: [signature] Date: 10-10-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kirkpatrick Todd Kirkpatrick

Date: 10/9/02 Well No.: 229 Sampling Method: Bladder Pump

Depth to Water: 20.67	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
~~229~~	40		Cloudy 60's		50		15	
Disolved Oxygen (mg/L)	Begin Reading:	8.11	Time:	11:10	End Reading:	8:60	Time:	11:35
Redox (mV)	Begin Reading:	526.5	Time:	11:10	End Reading:	617.8	Time:	11:35
Iron (mg/L)	Fe (II):	<0.50	Time:	11:40	Fe (Total):	<0.50	Time:	11:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:10 AM	21.30	62	4.10	24.7
11:15	21.26	62	3.86	3.5
11:20	21.26	62	3.79	3.0
11:25	21.26	62	3.78	0.0
11:30	21.25	62	3.78	0.0
11:35	21.22	62	3.78	0.0

Comments: Sampled @ 11:40am Took Jeff Fischers split Samples

Verified by: [illegible] Date: 10-10-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Krafcheck Todd Kraft

Date: 10/9/02 Well No.: 131 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
12.10'	24'		cloudy 70's		50		22	
Disolved Oxygen (mg/L)	Begin Reading:	10.36	Time:	1:00pm	End Reading:	4.80	Time:	1:55
Redox (mV)	Begin Reading:	474.6	Time:	1:00pm	End Reading:	564.0	Time:	1:55
Iron (mg/L)	Fe (II):	<0.50	Time:	2:00	Fe (Total):	<0.50	Time:	2:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:00pm	20.13	36	4.78	340
1:05pm	19.79	38	4.51	82.3
1:10pm	19.73	39	4.43	15.9
1:15	19.76	38	4.33	4.2
1:20	19.70	38	4.27	10.3
1:25	19.82	39	4.21	1.7
1:30	19.79	39	4.18	1.3
1:35	19.77	39	4.14	1.0
1:40	19.73	39	4.12	0.3
1:45	19.73	39	4.09	0.9
1:50	19.79	39	4.10	0.9
1:55	19.80	39	4.10	0.9

Comments: Took out mini-roll @ 12:45pm. Sampled @ 2:00pm w/ TOC
Took split sample for Jeff Fischer Put Back mini-roll @ 2:10pm

Verified by: [illegible] Date: 10.10.02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Todd Kraft Chris Krafchack

Date: 10/9/02 Well No.: 231 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
12.08'	33'	cloudy 70's	50	13

Disolved Oxygen (mg/L)	Begin Reading:	10.01	Time:	2:25	End Reading:	9.67	Time:	2:55
Redox (mV)	Begin Reading:	559.0	Time:	2:25	End Reading:	605.0	Time:	2:55
Iron (mg/L)	Fe (II):	<0.50	Time:	3:00	Fe (Total):	<0.50	Time:	3:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:25	19.38	46	4.70	7.0
2:30	19.30	44	4.52	1.2
2:35	19.26	44	4.40	0.5
2:40	19.22	44	4.34	2.9
2:45	19.20	44	4.29	0.0
2:50	19.20	44	4.28	0.0
2:55	19.19	44	4.29	0.0

Comments: Sampled @ 3:00pm Took Duplicates w/ TOC
Split Samples w/ Jeff Fischer

Verified by: [signature] Date: 10.10.02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Todd Kraft; Chris Krafcheck

Date: 10/10/02 Well No.: 235C Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
22.92'	55'	Cloudy/windy 60's	50	45

Disolved Oxygen (mg/L)	Begin Reading:	13.01	Time:	9:00am	End Reading:	8.60	Time:	10:25
Redox (mV)	Begin Reading:	315.5	Time:	9:00am	End Reading:	441.3	Time:	10:25
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)
9:00 am	22.56	149	8.21	90.2
9:05 am	22.39	63	5.90	62.3
9:10 am	22.41	59	5.26	47.3
9:15 am	22.32	55	4.91	38.2
9:20 am	22.28	54	4.81	32.6
9:25 am	22.25	53	4.76	23.2
9:30 am	22.23	54	4.78	19.1
9:35 am	22.18	57	4.70	16.3
9:40 am	22.21	62	4.72	14.6
9:45 am	22.20	62	4.71	10.5
9:50 am	22.21	58	4.69	10.6
9:55 am	22.19	62	4.69	12.5
10:00 am	22.19	62	4.63	11.2
10:05 am	22.18	62	4.61	15.8
10:10 am	22.20	63	4.64	8.1
10:15	22.21	63	4.58	10.6
10:20	22.22	63	4.58	10.5
10:25	22.22	63	4.59	10.9

Comments: Sampled @ 10:30 am

Verified by: [signature] Date: 10-10-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Todd Kraft ; Chris Krafcheck

Date: 10/10/02 Well No.: 235-B Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.36	45	cloudy/windy 60's	50	50

Disolved Oxygen (mg/L)	Begin Reading:	8.26	Time:	11:15	End Reading:	25.25	Time:	12:20
Redox (mV)	Begin Reading:	342.3	Time:	11:15	End Reading:	284.3	Time:	12:20 ~~11:15~~ ~~12:20~~
Iron (mg/L)	Fe (II):	0.50	Time:	12:25	Fe (Total):	0.50	Time:	12:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:15	23.38	96	5.41	390
11:20	22.32	69	4.97	34.3
11:25	22.22	64	4.91	17.0
11:30	22.20	66	4.82	8.7
11:35	22.18	63	4.88	8.0
11:40	22.16	64	4.78	6.3
11:45	22.14	64	4.82	6.2
11:50	22.16	64	4.59	5.0
11:55	22.18	81	4.77	4.3
12:00	22.17	86	4.76	3.4
12:05	22.16	86	4.70	2.6
12:10	22.18	84	4.76	2.8
12:15	22.20	86	4.74	2.7
12:20	22.19	86	4.74	2.7

Comments: Sampled @ 12:25pm

Verified by: [signature] Date: 10-10-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Todd Kraft Chris Kratchach

Date: 10/10/02 Well No.: 135-A Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.50'	36'	Cloudy 70's	50	10

Disolved Oxygen (mg/L)	Begin Reading:	8.97	Time:	12:50	End Reading:	~~232.~~ 16.06	Time:	1:30
Redox (mV)	Begin Reading:	354.9	Time:	12:50	End Reading:	232.7	Time:	1:30
Iron (mg/L)	Fe (II):	<0.50	Time:	1:35	Fe (Total):	<0.50	Time:	1:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:50pm	23.47	158	5.45	12.2
12:55pm	23.05	160	5.30	80.0
1:00 pm	23.00	147	5.31	30.7
1:05 pm	22.73	132	5.20	19.2
1:10 pm	22.67	121	5.17	14.2
1:15 pm	22.67	111	5.11	8.6
1:20 pm	22.73	105	5.10	8.9
1:25 pm	22.79	104	5.11	9.2
1:30pm	22.99	102	5.08	8.8

Comments: Sampled at 1:35 pm

Verified by: [signature] Date: 10.10.02

TTL, Inc.

October 2002

Quarterly Monitoring Well Sampling

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

Personnel: Chris Kraft Beck ; Todd Kraft

Date: 10/10/02 Well No.: 111 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
40.24'	46'	Cloudy 60's	50	16

Disolved Oxygen (mg/L)	Begin Reading:	37.08	Time:	2:30	End Reading:	8.62	Time:	3:40
Redox (mV)	Begin Reading:	505.3	Time:	2:30	End Reading:	629.2	Time:	3:40
Iron (mg/L)	Fe (II):	<0.50	Time:	3:45 ~~3:40~~	Fe (Total):	<0.50	Time:	3:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:30 PM	22.31	74	4.79	>440
2:35	21.56	72	4.50	75.5
2:40	21.00	72	4.45	31.1
2:45	20.70	71	4.41	22.7
2:50	20.80	71	4.38	9.9
2:55	20.79	72	4.40	5.5
3:00	20.85	72	4.44	4.2
3:05	20.88	72	4.55	3.1
3:10	20.79	71	4.57	12.1
3:15	20.84	71	4.57	6.3
3:20	20.83	71	4.57	4.3
3:25	20.84	71	4.58	9.4
3:30	20.87	71	4.60	2.3
3:35	20.79	71	4.55	3.0
3:40	20.79	71	4.56	4.6

Comments: 3:45pm Sampled

Verified by: [signature] Date: 10.10.02

TTL, Inc.

October 2002

Quarterly Monitoring Well Sampling

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

Personnel: Chris Krafchack Todd Kraft

Date: 10/11/02 Well No.: 311 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
39.43'	93.5'		cloudy 70's		50		36	
Disolved Oxygen (mg/L)	Begin Reading:	2.26	Time:	9:05	End Reading:	3.80	Time:	9:50
Redox (mV)	Begin Reading:	576.2	Time:	9:05	End Reading:	515.4	Time:	9:50
Iron (mg/L)	Fe (II):	<0.50	Time:	9:55	Fe (Total):	<0.50	Time:	10:00

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:05 am	20.28	60	5.16	64.4
9:10	19.80	59	4.60	43.4
9:15	19.76	59	4.39	15.7
9:20	19.73	60	4.29	22.1
9:25	19.23	59	4.29	19.5
9:30	19.72	60	4.27	9.1
9:35	19.71	60	4.29	8.1
9:40	19.71	59	4.28	8.6
9:45	19.76	60	4.30	9.2
9:50	19.72	60	4.29	8.8

Comments: Sampled @ 9:55am

Verified by: [illegible] Date: 10.11.02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratcheck ; Todd Kraft

Date: 10/11/02 Well No.: 134 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
16.75'	26		cloudy 90's		50		10	
Disolved Oxygen (mg/L)	Begin Reading:	6.78	Time:	10:40am	End Reading:	3.60	Time:	11:05
Redox (mV)	Begin Reading:	621.5	Time:	10:40am	End Reading:	692.5	Time:	11:05
Iron (mg/L)	Fe (II):	<0.50	Time:	11:10	Fe (Total):	<0.50	Time:	11:15

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:40am	24.99	52	3.73	34.3
10:45am	24.72	54	3.44	29.2
10:50am	24.62	54	3.42	9.1
10:55am	24.69	54	3.47	5.3
11:00am	24.63	54	3.18	4.9
11:05am	24.73	54	3.27	5.0

Comments: Sampled @ 11:10am

Verified by: [signature] Date: 10.11.02

TTL, Inc.

October 2002

Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratcheck

Date: 10.11.02 Well No.: 234 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
10.94	39.5	cloudy upper 70's	50	21

Disolved Oxygen (mg/L)	Begin Reading:	4.53	Time:	12:00	End Reading:	4.29	Time:	12:35
Redox (mV)	Begin Reading:	560.2	Time:	12:00	End Reading:	662.8 ~~12:~~	Time:	12:35
Iron (mg/L)	Fe (II):	<0.50	Time:	12:40	Fe (Total):	<0.50	Time:	12:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:00 PM	23.40	77	4.47	34.3
12:05	23.29	77	4.43	22.9
12:10	23.01	75	4.01	17.7
12:15	22.51	74	3.76	5.0
12:20	22.49	75	3.60	5.5
12:25	22.46	75	3.45	5.2
12:30	22.45	75	3.47	5.2
12:35	22.44	75	3.42	5.5

Comments: Sampled @ 12:40

Verified by: [illegible] Date: 10.11.02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Matt Morris Chris Krafchock

Date: 10-14-02 Well No.: 227 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
11.67	27.5		Cloudy 70's		50		25	
Disolved Oxygen (mg/L)	Begin Reading:	3.72	Time:	10:45a	End Reading:	5.11	Time:	11:25
Redox (mV)	Begin Reading:	656.9	Time:	10:45a	End Reading:	745.5	Time:	11:25
Iron (mg/L)	Fe (II):	<0.50	Time:	11:30	Fe (Total):	<0.50	Time:	11:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:45am	22.81	63	4.60	101
10:50	22.97	62	3.74	48.6
10:55	23.14	64	3.41	10.2
11:00	23.22	64	3.29	4.8
11:05	23.27	62	3.25	3.0
11:10	23.30	64	3.16	2.0
11:15	23.32	64	3.11	3.2
11:20	23.30	64	3.10	3.0
11:25	23.33	64	3.09	3.1

Comments: Sampled @ 11:30

Verified by: [signature] Date: 10.15.02

TTL, Inc.

October 2002

Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson

Date: 10-14-02 Well No.: 215 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
19.24'	39.5'	Cloudy 80's	50	25

Disolved Oxygen (mg/L)	Begin Reading:	61.6	Time:	1:40	End Reading:	53.6	Time:	2:40
Redox (mV)	Begin Reading:	660.2	Time:	1:40	End Reading:	678.1	Time:	2:40
Iron (mg/L)	Fe (II):	<0.50	Time:	2:42	Fe (Total):	<0.50	Time:	2:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:40	21.19	63	3.98	>440
1:45	21.04	63	3.64	287
1:50	21.01	63	3.67	148
1:55	20.96	63	3.69	96.6
2:00	20.96	63	3.69	67.3
2:05	20.93	63	3.69	28.6
2:10	21.02	63	3.70	17.5
2:15	21.04	63	3.79	13.3
2:20	21.01	63	3.79	11.4
2:25	21.01	63	3.79	9.6
2:30	21.01	63	3.80	4.9
2:35	21.02	63	3.81	4.1
2:40	20.99	63	3.81	4.0

Comments: Sample @ 2:40

Verified by: [illegible] Date: 10.15.02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson

Date: 10-14-02 Well No.: 118 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
13.48	19	Cloudy 80%	50	15

Disolved Oxygen (mg/L)	Begin Reading:	61.2	Time:	3:35	End Reading:	57.6	Time:	4:10
Redox (mV)	Begin Reading:	702.4	Time:	3:35	End Reading:	723.2	Time:	4:10
Iron (mg/L)	Fe (II):	0.50	Time:	4:15	Fe (Total):	0.50	Time:	4:15

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:35 PM	24.88	70	4.04	21.4
3:40	24.92	69	3.90	9.0
3:45	24.94	69	3.75	3.0
3:50	24.90	70	3.68	2.4
3:55	24.90	70	3.63	3.8
4:00	24.93	70	3.60	1.8
4:05	24.93	70	3.60	0.0
4:10	24.87	70	3.60	00

Comments: Sample @ 4:10 PM

Verified by: [illegible] Date: 10.15.02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Todd Kraft Chris Kraftcheck

Date: 10/17/02 Well No.: 136A Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
17.33'	25'	Sunny 60's	50	20

Disolved Oxygen (mg/L)	Begin Reading:	3.57	Time:	10:45	End Reading:	8.31	Time: 11:15
Redox (mV)	Begin Reading:	377.7	Time:	10:45	End Reading:	215.3	Time: 11:15
Iron (mg/L)	Fe (II):	0.75* ~~0.45~~	Time:	11:20	Fe (Total):	~~0.85~~ ~~0.15~~ 0.75*	Time: 11:25

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:45 am	20.75	53	4.84	233
10:50	20.70	53	4.77	61.3
10:55	20.69	54	4.67	23.4
11:00	20.65	55	4.81	7.0
11:05	20.66	55	4.80	3.4
11:10	20.65	56	4.82	3.3
11:15	20.69	56	4.82	3.4

20mL to 100mL ratio

* 0.15 x 5 = 0.75 mg/L

Comments: Sampled @ 11:15am Diluted Total Iron 20mil to 100 came out to 0.15 ppm

Verified by: [illegible] Date: 10.21.02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Grafelock Todd Kraft

Date: 10/17/02 Well No.: 236B Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
17.20'	32'	Sunny 70's	50	18

Disolved Oxygen (mg/L)	Begin Reading:	6.92	Time:	11:55	End Reading:	7.82	Time:	12:25
Redox (mV)	Begin Reading:	444.3	Time:	11:55	End Reading:	502.8	Time:	12:25
Iron (mg/L)	Fe (II):	<0.50	Time:	12:30	Fe (Total):	<0.50	Time:	12:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:55am	20.71	186	5.83	>440
12:00 pm	20.22	72	5.04	12.8
12:05	20.20	62	4.75	2.5
12:10	20.20	65	4.68	2.5
12:15	20.22	65	4.57	1.7
12:20	20.18	67	4.53	2.0
12:25	20.19	65	4.57	1.9

Comments: Sampled @ 12:30PM

Verified by: [illegible] Date: 10.21.02

TTL, Inc.

October 2002

Quarterly Monitoring Well Sampling

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

Personnel: Chris Kraft Todd Kraft

Date: 10/17/02 Well No.: 236C Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
16.80'	39'	Sunny 70's	50	36

Disolved Oxygen (mg/L)	Begin Reading:	8.02	Time:	12:55	End Reading:	8.36	Time:	1:55
Redox (mV)	Begin Reading:	463.7	Time:	12:55	End Reading:	533.4	Time:	1:55
Iron (mg/L)	Fe (II):	<0.50	Time:	2:00	Fe (Total):	<0.50	Time:	2:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:55	20.27	71	5.24	>440
1:00	20.13	61	4.95	>440
1:05	20.11	60	4.73	180
1:10	20.06	65	4.62	118
1:15	20.09	78	4.79	87.2
1:20	20.10	78	4.82	28.6
1:25	20.12	82	4.61	15.8
1:30	20.18	89	4.65	7.1
1:35	20.16	89	~~4.74~~ TK 4.58	7.2
1:40	20.13	90	4.77	7.0
1:45	20.17	84	4.79	6.9
1:50	20.17	83	4.75	6.8
1:55	20.14	82	4.78	6.8

Comments: Sampled @ 2:00

Verified by: [illegible] Date: 10.21.02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: CLK EcP

Date: 10/21/02 Well No.: 238-C Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
29.20'	55'	Cloudy >0's	50	34

Disolved Oxygen (mg/L)	Begin Reading:	9.40	Time:	12:40pm	End Reading:	9.03	Time:	2:10pm
Redox (mV)	Begin Reading:	476	Time:	12:40pm	End Reading:	519	Time:	2:10
Iron (mg/L)	Fe (II):	<0.50	Time:	2:10	Fe (Total):	<0.50	Time:	2:15

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:40pm	21.65	104.4	5.42	>440
12:45	20.60	85.6	5.02	28.6
12:50	20.22	88.4	5.61	31.4
12:55	20.18	85.4	5.55	27.3
1:00	20.15	84.7	5.48	22.4
1:05	20.13	83.7	5.45	15.9
1:10	20.13	83.3	5.38	15.5
1:15	20.13	82.9	5.35	11.2
1:20	20.11	82.3	5.35	10.2
1:25	20.11	82.6	5.35	6.6
1:30	20.11	81.2	5.35	6.1
1:35	20.11	82.1	5.33	4.8
1:40	20.11	82.1	5.33	4.4
1:45	20.13	81.5	5.29	3.0
1:50	20.13	81.6	5.34	3.4
1:55	20.08	81.5	5.35	2.7
2:00	20.11	81.2	5.36	2.7
2:05	20.16	81.5	5.34	2.8

Comments: Sampled @ 2:10pm

Verified by: [signature] Date: 10-22-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: CLK ECP

Date: 10/21/02 Well No.: 138A Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
29.33'	39'	cloudy 70's	50	20

Disolved Oxygen (mg/L)	Begin Reading:	10.60	Time:	3:30	End Reading:	4.37	Time:	4:20
Redox (mV)	Begin Reading:	526	Time:	3:30	End Reading:	422	Time:	4:20
Iron (mg/L)	Fe (II):	<0.50	Time:	4:25	Fe (Total):	<0.50	Time:	4:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:30pm	21.05	114.0	4.94	>440
3:35	20.41	116.8	5.27	32.1
3:40	20.35	118.0	5.27	19.7
3:45	20.32	119.7	5.29	11.6
3:50	20.34	119.7	5.30	9.2
3:55	20.34	119.4	5.28	7.8
4:00	20.35	120.5	5.30	5.9
4:05	20.35	121.7	5.30	4.9
4:10	20.35	122.5	5.29	3.2
4:15	20.34	123.8	5.34	3.1
4:20	20.34	123.5	5.34	3.0

Comments: Sampled @ 4:25 pm

Verified by: [illegible] Date: 10-22-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: CLK, MMM

Date: 10/22/02 Well No.: 238 B Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
29.20'	49'		cloudy 70's		50		110	
Disolved Oxygen (mg/L)	Begin Reading:	10.19	Time:	9:45 am	End Reading:	6.33	Time:	12:40
Redox (mV)	Begin Reading:	509	Time:	9:45 am	End Reading:	479	Time:	12:40
Iron (mg/L)	Fe (II):	<0.50	Time:	12:45	Fe (Total):	<0.50	Time:	12:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:45 am	20.32	338	6.11	>440
9:50	20.18	531	6.00	>440
9:55	20.16	547	5.90	>440
10:00	20.15	317	5.68	308
10:05	20.15	264	5.48	217
10:10	20.15	217	5.35	165
10:15	20.15	210	5.31	125
10:20	20.15	172	5.21	97.2
10:25	20.16	179	5.12	92.3
10:30	20.18	159	5.09	91.2
10:35	20.22	149	5.16	92.3
10:40	20.23	153	5.13	89.6
10:45	20.25	159	5.14	82.3
10:50	20.28	157	5.09	79.3
10:55	20.23	148	5.10	81.6
11:00	20.28	144.7	4.89	39.9
11:05	20.25	148.9	5.09	97.1
11:10	20.20	150.0	5.10	89.7

Comments: Sampled @ 12:45pm Continued on pg. 40

Verified by: [signature] Date: 10-23-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: CLK, MMM

Date: 10/22/02 Well No.: 238B Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
29.20'	49'		Cloudy 70's		50		110	
Disolved Oxygen (mg/L)	Begin Reading:	10.19	Time:	9:45am	End Reading:	6.33	Time:	12:40
Redox (mV)	Begin Reading:	509	Time:	9:45am	End Reading:	479	Time:	12:40
Iron (mg/L)	Fe (II):	<0.50	Time:	12:45	Fe (Total):	<0.50	Time:	1250

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:15am	20.22	148.8	5.16	93.3
11:20	20.27	140.6	5.10	91.7
11:25	20.25	141.2	5.09	80.6
11:30	20.22	140.7	5.22	82.0
11:35	20.20	138.9	5.31	78.5
11:40	20.18	137.9	5.30	78.1
11:45	20.16	136.1	5.32	73.1
11:50	20.20	134.8	5.33	73.1
11:55	20.20	134.2	5.34	74.4
12:00 pm	20.20	133.2	5.35	75.1
12:05	20.20	132.8	5.35	78.3
12:10	20.20	132.2	5.36	73.9
12:15	20.22	130.1	5:32	74.3
12:20	20.32	117.9	5.31	75.1
12:25	21.00	118.7	5.23	74.9
12:30	21.62	119.2	5.20	75.2
12:35	20.32	117.6	5.55	75.6
12:40	20.30	114.7	5.54	74.8

Comments: Sampled at 12:45pm

Verified by: [illegible] Date: 10-23-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratchach Todd Kratchach

Date: 10/22/02 Well No.: CMT 3 Port 1 Sampling Method: ~~Bladder~~ Geo Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
Dry	28	Sunny 70's	NA	Dry

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 3 Port # 1 found dry

Verified by: [illegible] Date: 10-23-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Krafcheck Todd Kraft

Date: 10.22.02 Well No.: CMT 3 Port 2 Sampling Method: ~~Bladder~~ Geo Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
30.85	33	sunny 70's	NA	1/4

Disolved Oxygen (mg/L)	Begin Reading:	10.13	Time:	3:15 pm	End Reading:		Time:	
Redox (mV)	Begin Reading:	560	Time:	3:15	End Reading:		Time:	
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:15 pm	25.27	1339	6.45	>440

Comments: Dry @ 3:20 1quart

Verified by: [signature] Date: 10.23.02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratcheel Todd Kraft

Date: 10.22.02 Well No.: CMT 3 Port 3 Sampling Method: ~~Bladder~~ Geo Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
30.90'	38'	Sunny >65	NA	2

Disolved Oxygen (mg/L)	Begin Reading:	4.55	Time:	3:15	End Reading:	4.76	Time:	5:07pm
Redox (mV)	Begin Reading:	540	Time:	3:15	End Reading:	465	Time:	5:07pm
Iron (mg/L)	Fe (II):	<0.50	Time:	5:10	Fe (Total):	<0.50	Time:	5:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:15 PM	25.13	379	6.84	>440
3:35	24.96	373	8.56	311
3:50	24.31	358	7.82	248
4:07	23.87	353	7.35	183
4:23	23.47	340	6.92	145
4:37	23.45	331	6.71	116
4:54	23.34	311	6.77	99.6
5:07	23.07	302	6.64	102

Comments: Sampled @ 5:10pm

Verified by: [illegible] Date: 10.23.02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kraft Todd Kraft

Date: 10/22/02 Well No.: CMT 3 Port 4 Sampling Method: ~~Bladder~~ Geo Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
30.90'	43'	Sunny 70's	NA	1 3/4

Disolved Oxygen (mg/L)	Begin Reading:	7.40	Time:	3:25	End Reading:	5.74	Time:	5:20
Redox (mV)	Begin Reading:	435	Time:	3:25	End Reading:	497	Time:	5:20
Iron (mg/L)	Fe (II):	<0.50	Time:	5:25	Fe (Total):	<0.50	Time:	5:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:25 PM	23.36	out of Range	9.35	>440
3:42	24.79	out of Range	8.45	274
4:00	24.20	335	7.35	197
4:20	23.80	326	7.03	157
4:40	23.67	312	6.78	117
5:00	23.54	316	6.63	112
5:20	23.27	310	6.60	115

Comments: Sampled @ 5:30 pm

Verified by: [illegible] Date: 10-23-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratcheck Todd Kraft

Date: 10/23/02 Well No.: CMT3 Port 5 Sampling Method: ~~Bladder~~ Geo Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
30.95'	48'	cloudy 60's	NA	2 1/4

Disolved Oxygen (mg/L)	Begin Reading:	8.48	Time:	9:40am	End Reading:	7.44	Time:	2:50
Redox (mV)	Begin Reading:	233	Time:	9:40am	End Reading:	302	Time:	2:50pm
Iron (mg/L)	Fe (II):	<0.50	Time:	3:00pm	Fe (Total):	<0.50	Time:	3:05pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:40am	20.97	out of Range	11.03	20.1
10:20	21.16	460	10.52	30.1
10:56	21.16	390	9.36	48.6
11:31	20.88	340	10.31	60.7
12:06 pm	21.25	318	9.85	66.5
12:44	20.93	302	9.86	66.0
1:30	20.29	300	10.11	64.8
2:10	21.14	296	10.13	72.1
2:50	21.34	290	10.07	69.9

Comments: Sampled @ 3:00 pm

Verified by: [illegible] Date: 10-24-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Krafchek Todd Kraft Geo

Date: 10/23/02 Well No.: CMT3 Port 6 Sampling Method: ~~Bladder~~ Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
30.97'	53'	Cloudy 60's	NA	CK ~~2~~ 2 3/4

Disolved Oxygen (mg/L)	Begin Reading:	6.84	Time:	9:20am	End Reading:	3.58	Time:	1:15 pm
Redox (mV)	Begin Reading:	205	Time:	9:20am	End Reading:	315	Time:	1:15pm
Iron (mg/L)	Fe (II):	<0.50	Time:	1:25 ~~<0.50~~	Fe (Total):	<0.50	Time:	1:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:20 am	21.37	335	9.23	~~>440~~ TK 217
9:43	21.23	316	9.57	117
10:06	21.28	320	7.52	60.5
10:30	21.23	325	9.44	44.1
10:54	21.24	264	9.31	33.9
11:22	20.81	311	8.86	28.7
11:40	20.77	282	8.88	25.8
12:05 pm	21.12	469	7.28	22.7
12:30	21.04	271	7.79	22.6
12:50	20.98	278	7.89	21.0
1:15	20.72	273	7.62	20.8

Comments: Sampled 1:20pm

Verified by: [illegible] Date: 10.24.02

TTL, Inc.

October 2002

Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratchock Todd Kraft geo

Date: 10/23/02 Well No.: CMT3 Port 7 Sampling Method: ~~Bladder~~ Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
31'	59'	cloudy 60's	NA	3½

Disolved Oxygen (mg/L)	Begin Reading:	13.61	Time:	9:15	End Reading:	6.81	Time:	1:10
Redox (mV)	Begin Reading:	346	Time:	9:15	End Reading:	298	Time:	1:10
Iron (mg/L)	Fe (II):	<0.50	Time:	1:15	Fe (Total):	<0.50	Time:	1:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:15 am	21.41	over range	6.27	>440
9:35	21.20	288	9.12	306
9:55	21.11	279	8.44	67.3
10:13	CLK ~~20~~ 21.12	272	7.44	54.8
10:33	21.04	271	8.70	46.1
10:51	21.13	out of range	7.31	37.2
11:05	21.08	242	6.99	36.8
11:27	20.93	243	6.92	37.4
11:42	20.81	248	8.17	26.4
11:59	20.95	241	7.31	24.2
12:17	20.86	242	9.04	23.2
12:37	20.90	239	7.40	18.2
12:52	20.79	227	7.76	16.7
CLK 1:10 ~~1:20~~	20.69	230	7.52	17.1

Comments: Sampled @ 1:15 pm

Verified by: [signature] Date: 10-24-02

TTL, Inc.
October 2002
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:	Total Depth of Well:	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:

Verified by: Date:

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/1/02 Well No.: MW-205 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.05'	56'	mostly sunny 80°	45	23

Disolved Oxygen (mg/L)	Begin Reading:	7.30	Time:	2:10	End Reading:	7.23	Time: 3:05
Redox (mV)	Begin Reading:	174	Time:	2:10	End Reading:	190	Time: 3:05
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)
2:10	22.69	44	5.54	19.4
2:15	21.69	42	4.96	0.7
2:20	21.66	43	4.94	0.0
2:25	21.64	43	4.90	0.0
2:30	21.82	43	4.90	0.0
2:35	21.97	43	4.89	0.0
2:40	22.22	43	4.93	0.0
2:45	22.43	43	4.94	0.0
2:50	22.81	43	4.95	0.0
2:55	22.35	43	4.95	0.0
3:00	22.44	43	4.94	0.0
3:05	22.76	43	4.95	0.0

Comments: Sampled @ 3:10 pm

Verified by: [signature] Date: 10-1-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 10/2/02 Well No.: MW 104 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.75'	31'	Sunny 80's	45	7

Disolved Oxygen (mg/L)	Begin Reading:	5.23	Time:	9:05	End Reading:	5.02	Time:	9:40
Redox (mV)	Begin Reading:	249	Time:	9:05	End Reading:	288	Time:	9:40
Iron (mg/L)	Fe (II):	<.50	Time:	9:50	Fe (Total):	<.50	Time:	9:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:05	24.83	59	4.80	74.3
9:10	24.48	58	4.48	23.7
9:15	24.64	59	4.46	10.8
9:20	24.59	59	4.46	4.5
9:25	24.66	58	4.49	3.0
9:30	24.83	58	4.47	0.5
9:35	24.86	59	4.48	0.4
9:40	24.99	59	4.48	0.0

Comments: Sampled @ 9:50

Verified by: [illegible] Date: 10-4-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 10/2/02 Well No.: MW-204 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.99'	~~23.99~~ 64'	Sunny 80's	50	20

Disolved Oxygen (mg/L)	Begin Reading:	7.37	Time:	10:30	End Reading:	5.94	Time:	11:15
Redox (mV)	Begin Reading:	301	Time:	10:30	End Reading:	258	Time:	11:15
Iron (mg/L)	Fe (II):	<.50	Time:	~~10~~ 11:20	Fe (Total):	<.50	Time:	11:25

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:30	24.05	51	5.08	22.0
10:35	23.30	51	6.47	14.2
10:40	22.93	51	6.17	3.7
10:45	22.95	50	4.93	0.4
10:50	22.85	50	4.97	0.0
10:55	22.94	51	4.96	0.0
11:00	23.04	50	4.98	0.0
11:05	23.15	51	5.00	0.0
11:10	23.35	50	5.00	0.0
11:15	23.41	51	5.01	0.0

Comments: Sampled 11:20

Verified by: [illegible] Date: 10-4-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Chris Kretchek, Reggie Robinson

Date: 10/2/02 Well No.: MW-304 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
24.15'	87'	mostly sunny 80's	55	35

Disolved Oxygen (mg/L)	Begin Reading:	5.70	Time:	1:25	End Reading:	2.26 ~~2.30~~	Time:	2:30
Redox (mV)	Begin Reading:	164	Time:	1:25	End Reading:	1 ~~2.30~~	Time:	2:30
Iron (mg/L)	Fe (II):	.95	Time:	2:35	Fe (Total):	.90	Time:	2:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:25	25.82	1.50	6.74	~~0.8~~ 0.8
1:30	23.80	189	6.87	29.7
1:35	22.81	174	6.84	9.8
1:40	22.48	161	6.73	2.4
1:45	22.06	158	6.70	0.8
1:50	22.24	157	6.72	0.1
1:55	22.45	154	6.62	0.0
2:00	22.68	152	6.64	0.0
2:05	22.39	151	6.66	0.0
2:10	22.50	152	6.67	0.0
2:15	22.33	151	6.67	0.0
2:20	22.38	150	6.67	0.0
2:25	22.47	150	6.67	0.0
2:30	22.35	150	6.67	0.0

Comments: Sampled @ 2:35

Verified by: [signature] Date: 10-4-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kraftcheck Reggie Robinson

Date: ~~10-3-02~~ 10/2/02 Well No.: 213 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
13.56'	36'	Partly Cloudy 40's	50	18

Disolved Oxygen (mg/L)	Begin Reading:	3.87	Time:	15:40	End Reading:	3.20	Time:	4:40
Redox (mV)	Begin Reading:	160	Time:	15:40	End Reading:	164	Time:	4:40
Iron (mg/L)	Fe (II):	~~1~~.50	Time:	16.40	Fe (Total):	4.50	Time:	16.45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
15:40	22.00	70	5.52	67.7
15:45	20.88	70	4.62	22.6
15:50	20.90	69	4.55	22.1
15:55	20.80	69	4.53	13.3
16:00	20.73	69	4.51	12.6
16:05	20.67	69	4.51	8.3
16:10	20.63	69	4.51	6.8
16:15	20.59	68	4.50	5.5
16:20	20.64	68	4.50	4.4
16:25	20.62	67	4.51	2.9
16:30	20.56	68	4.51	0.0
16:35	20.55	68	4.51	0.0
16:40	20.55	68	4.51	0.0

Comments: Sampled @ 4:40pm

Verified by: [signature] Date: 10-4-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/3/02 Well No.: MW-113 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
13.41'	20.5'	Mostly Sunny 80's	52	8

Disolved Oxygen (mg/L)	Begin Reading:	3.50	Time:	9:25	End Reading:	2.69	Time: 10:00
Redox (mV)	Begin Reading:	544	Time:	9:25	End Reading:	4.65	Time: 10:00
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)
9:25	22.55	36	4.54	>440
9:30	22.60	42	4.16	74.6
9:35	22.67	42	4.11	40.5
9:40	22.82	43	4.10	17.2
9:45	22.97	43	4.13	9.5
9:50	22.76	47	4.14	4.7
9:55	22.83	44	4.12	1.5
10:00	22.81	43	4.13	2.6

Comments: Sampled @ 10:05

Verified by: [signature] Date: 10-4-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/3/02 Well No.: MW-133 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
11.44'	18.5'	Mostly Sunny 80's	50	10

Disolved Oxygen (mg/L)	Begin Reading:	4.77	Time:	11:20	End Reading:	5.14	Time:	11:50
Redox (mV)	Begin Reading:	259	Time:	11:20	End Reading:	2.08	Time:	11:50
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)
11:20	25.25	54	4.31	158
11:25	24.83	58	4.21	85.7
11:30	24.84	57	4.25	16.5
11:35	24.93	57	4.25	5.5
11:40	25.33	56	4.26	3.8
11:45	25.39	56	4.27	0.0
11:50	25.40	56	4.28	0.0

Comments: Sampled @ 11:55

Verified by: [illegible] Date: 10-4-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/3/02 Well No.: MW-233 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
11.37'	30.5'	mostly sunny 83°	55	15

Disolved Oxygen (mg/L)	Begin Reading:	6.37	Time:	12:15	End Reading:	4.68	Time:	12:45
Redox (mV)	Begin Reading:	199	Time:	12:15	End Reading:	177	Time:	12:45
Iron (mg/L)	Fe (II):	<.50	Time:	12:50	Fe (Total):	<.50	Time:	12:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:15	22.66	56	4.52	32.7
12:20	21.87	58	4.37	8.2
12:25	22.06	59	4.34	1.3
12:30	21.73	60	4.36	.7
12:35	22.04	60	4.35	1.6
12:40	22.04	59	4.37	.6
12:45	22.04	59	4.36	2.3

Comments: Sampled @ 12:50

Verified by: [signature] Date: 10-4-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Baz Baker, Reggie Robinson

Date: 10/3/02 Well No.: MW-214A Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
10.22'	19'	mostly sunny 80s	50	15

Disolved Oxygen (mg/L)	Begin Reading:	2.18	Time:	1:45	End Reading:	2.02	Time:	2:30
Redox (mV)	Begin Reading:	137	Time:	1:45	End Reading:	156	Time:	2:30
Iron (mg/L)	Fe (II):	<.50	Time:	2:35	Fe (Total):	<.50	Time:	2:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:45	23.06	85	4.98	166
1:50	21.79	86	4.95	47.8
1:55	21.88	85	4.93	38.9
2:00	22.43	85	4.94	30.7
2:05	22.00	85	4.92	21.2
2:10	22.51	86	4.93	12.6
2:15	22.12	86	4.94	9.8
2:20	22.40	86	4.93	5.7
2:25	22.33	85	4.94	4.9
2:30	22.51	85	4.93	4.9

Comments: Sampled @ 2:35

Verified by: [signature] Date: 10-4-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/3/02 Well No.: MW-210 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
2.70'	9'	mostly cloudy 80s	48	7.5

Disolved Oxygen (mg/L)	Begin Reading:	2.12	Time:	3:50	End Reading:	1.14	Time:	4:10
Redox (mV)	Begin Reading:	89	Time:	3:50	End Reading:	71	Time:	4:10
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)
3:50 PM	27.29	406	6.57	50
3:55	26.54	405	6.71	9.4
4:00	26.49	402	6.74	3.7
4:05	26.52	404	6.75	1.4
4:10	26.46	404	6.76	0.3

Comments: Sampled @ 4:15

Verified by: [illegible] Date: 10-4-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/4/02 Well No.: MW-116 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
8.54'	19'	Cloudy-windy 70's	48	14

Disolved Oxygen (mg/L)	Begin Reading:	1.99	Time:	10:55	End Reading:	1.63	Time:	12:00
Redox (mV)	Begin Reading:	363	Time:	10:55	End Reading:	364 ~~3.64~~	Time:	12:00
Iron (mg/L)	Fe (II):	1.25	Time:	12:05	Fe (Total):	1.30	Time:	12:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:55	28.05	55	5.14	41.6
11:00	27.09	41	4.59	67.8
11:05	27.26	43	4.48	46.3
11:10	27.03	44	4.46	29.6
11:15	26.92	45	4.51	22.0
11:20	26.88	47	4.45	13.5
11:25	27.03	47	4.45	11.3
11:30	27.43	47	4.50	9.7
11:35	27.49	48	4.46	7.8
11:40	27.46	48	4.46	7.1
11:45	27.37	48	4.46	5.4
11:50	27.47	48	4.45	4.4
11:55	27.47	49	4.45	3.0
12:00	27.33	49	4.45	3.1

Comments: Sampled @ 12:05

Fe Sample taken

Verified by: [illegible] Date: 10-7-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/4/02 Well No.: MW-216 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
8.73'	40.5'		Cloudy-windy 70's		55		16	
Disolved Oxygen (mg/L)	Begin Reading:	4.69	Time:	12:30	End Reading:	6.18	Time:	1:15
Redox (mV)	Begin Reading:	330	Time:	12:30	End Reading:	315 ~~315~~	Time:	1:15
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)
12:30 PM	26.85	78	5.17	60.3
12:35	23.76	70	4.70	7.9
12:40	23.69	71	4.70	3.3
12:45	23.41	71	4.70	1.2
12:50	23.29	71	4.69	0.0
12:55	23.11	70	4.69	0.0
1:00	23.00	71	4.71	0.0
1:05	23.01	71	4.69	0.0
1:10	23.12	70	4.69	0.0
1:15	23.10	70	4.70	0.0

Comments: Sampled @ 1:20

Verified by: [illegible] Date: 10-7-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/4/02 Well No.: MW-125 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
18.07'	25'	Partly cloudy 80's	50	16

Disolved Oxygen (mg/L)	Begin Reading:	5.83	Time:	2:50	End Reading:	7.92	Time:	3:55
Redox (mV)	Begin Reading:	226	Time:	2:50	End Reading:	327	Time:	3:55
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)
2:50	26.26	64	4.63	>440
2:55	26.30	64	4.46	105
3:00	26.41	65	4.44	90.2
3:05	26.38	65	4.44	53.8
3:10	26.32	65	4.45	35.6
3:15	26.39	65	4.45	32.6
3:20	26.14	65	4.45	20.7
3:25	26.00	65	4.45	11.5
3:30	26.01	65	4.47	7.2
3:35	26.01	65	4.47	3.7
3:40	26.25	65	4.47	2.2
3:45	26.12	65	4.47	1.2
3:50	26.06	65	4.47	0.9
3:55	25.97	65	4.48	0.5

Comments: Sampled @ 4:00 p.m.

Verified by: [illegible] Date: 10-7-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/7/02 Well No.: MW-225 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
17.99'	40.5'	Mostly Sunny 70's	48	18

Disolved Oxygen (mg/L)	Begin Reading:	6.15	Time:	10:10	End Reading:	4.51	Time: 11:10
Redox (mV)	Begin Reading:	108	Time:	10:10	End Reading:	117	Time: 11:20
Iron (mg/L)	Fe (II):	<.50	Time:	11:15	Fe (Total):	<.50	Time: 11:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:10 AM	23.89	107	6.07	4.8
10:15	22.52	76	5.37	58.7
10:20	22.48	75	5.34	23.4
10:25	22.37	76	5.40	13.5
10:30	22.35	77	5.38	6.4
10:35	22.33	76	5.32	3.2
10:40	22.30	76	5.28	2.0
10:45	22.42	75	5.24	0.8
10:50	22.07	74	5.19	1.5
10:55	22.07	73	5.16	2.9
11:00	22.31	73	5.14	2.0
11:05	22.37	72	5.16	0.9
11:10	22.42	72	5.14	0.9

Comments: Sampled @ 11:15 TOC

Verified by: [signature] Date: 10-8-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/7/02 Well No.: MW-123 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.87'	26'	Mostly Sunny 80's	55	4.5

Disolved Oxygen (mg/L)	Begin Reading:	6.84	Time:	12:05	End Reading:	4.50	Time:	1:30
Redox (mV)	Begin Reading:	110	Time:	12:05	End Reading:	~~1.65~~ 165	Time:	1:30
Iron (mg/L)	Fe (II):	0.55	Time:	1:35	Fe (Total):	0.80	Time:	1:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:05	26.52	81	4.61	178
* 12:20	29.77	79	4.95	75.3
12:25	27.89	78	4.68	153
12:30	29.00	79	4.67	93.2
12:35	28.92	79	4.65	86.0
12:40	28.36	79	4.62	100.2
12:45	29.93	77	4.56	84.4
12:50	29.92	76	4.60	97.9
12:55	30.42	77	4.65	98.1
1:00	30.11	76	4.57	98.8
1:05	29.16	77	4.59	90.3
1:10	28.88	78	4.58	92.3
1:15	29.09	78	4.60	48
1:20	29.08	78	4.62	35.7
1:25	29.30	77	4.61	28.3
1:30	29.51	78	4.60	30.6

Comments: * Bladder in pump collapsed - well dry - Started pumping @ slower rate Sampled @ 1:35

Verified by: [signature] Date: 10-8-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/7/02 Well No.: MW-223 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
23.86'	70'		Mostly sunny 80s		55		25	
Disolved Oxygen (mg/L)	Begin Reading:	5.79	Time:	2:05	End Reading:	5.60	Time:	3:00
Redox (mV)	Begin Reading:	143	Time:	2:05	End Reading:	149	Time:	3:00
Iron (mg/L)	Fe (II):	<.50	Time:	3:05	Fe (Total):	<.50	Time:	3:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:05	25.93	59	5.01	79.5
2:10	21.09	58	4.72	7.1
2:15	20.95	57	4.69	4.3
2:20	20.75	60	4.63	2.2
2:25	20.62	60	4.60	0.9
2:30	20.61	59	4.56	0.7
2:35	20.67	59	4.63	0.0
2:40	20.70	59	4.60	0.0
2:45	20.66	59	4.61	0.0
2:50	20.66	59	4.61	0.0
2:55	20.64	60	4.61	0.0
3:00	20.41	60	4.61	0.0

Comments: Sampled @ 3:05 TOC

Verified by: [illegible] Date: 10-8-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/7/02 Well No.: MW-217 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
39.04'	74.5'	Mostly sunny 80s	58	20

Disolved Oxygen (mg/L)	Begin Reading:	4.51	Time:	3:40	End Reading:	6.23	Time:	4:20
Redox (mV)	Begin Reading:	116	Time:	3:40	End Reading:	141	Time:	4:20
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 PM	25.14	80	5.07	82.6
3:45	21.77	81	4.89	36.2
3:50	20.13	83	4.87	16.5
3:55	19.93	82	4.87	9.1
4:00	19.88	82	4.88	10.5
4:05	19.91	82	4.90	7.5
4:10	19.94	82	4.89	5.7
4:15	20.03	82	4.91	5.1
4:20	20.35	82	4.89	3.9

Comments: Sampled @ 4:25 PM

Verified by: [illegible] Date: 10-8-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/8/02 Well No.: MW-102 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
10.58'	14.35'	mostly sunny 78°F	48	5

Disolved Oxygen (mg/L)	Begin Reading:	2.07	Time:	10:20	End Reading:	3.66	Time:	10:55
Redox (mV)	Begin Reading:	112	Time:	10:20	End Reading:	178	Time:	10:55
Iron (mg/L)	Fe (II):	~~5.40~~ * 3.50	Time:	11:40	Fe (Total):	~~6.90~~ * 7.50	Time:	11:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
	Eq per BB		Eq per BB	
10:20 a.m.	22.87	880	6.64	>440
10:25	22.75	755	6.78	>440
10:30	22.08	728	6.92	95.0
10:35	23.31	741	6.93	50.6
10:40	23.50	752	6.94	48.6
10:45	23.63	730	6.98	48.4
10:50	23.94	700	7.08	50.4
10:55	24.04	678	7.18	58.6
—	—	—	—	—
* Fe II		* Fe total		
Original reading 5.40 ppm		original reading 6.90 ppm		
10mL to 100mL .35 ppm		10mL to 100mL .65 ppm		
dilution ratio		20mL to 100mL 1.50 ppm		
0.35 x 10 = 3.5 ppm		1.50 x 5 = 7.5 mg/L		
= 3.5 mg/L				

Comments: 10:55 a.m. well dry - stopped to let well recover before sampling - Sampled @ 11:30 a.m.

Verified by: [signature] Date: 10-9-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/8/02 Well No.: MW-702 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
10.88'	23.7'	mostly sunny upper 70's	50	12

Disolved Oxygen (mg/L)	Begin Reading:	.85	Time:	12:40	End Reading:	.43	Time:	1:30
Redox (mV)	Begin Reading:	199	Time:	12:40	End Reading:	286	Time:	1:30
Iron (mg/L)	Fe (II):	3.75	Time:	1:35	Fe (Total):	3.80	Time:	1:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:40 pm	21.66	90	5.92	>440
12:45	21.44	69	5.39	38.6
12:50	22.44	68	5.33	23.2
12:55	22.48	66	5.22	18.1
1:00	22.42	68	5.29	13.4
1:05	22.38	68	5.27	12.4
1:10	22.49	69	5.27	8.3
1:15	21.90	70	5.26	9.0
1:20	21.71	69	5.24	6.4
1:25	21.90	70	5.27	6.9
1:30	21.64	70	5.24	6.8

Comments: Sampled @ 1:35 p.m.

Verified by: [signature] Date: 10-9-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/8/02 **Well No.:** MW-1A **Sampling Method:** Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
20.01'	43.5'	cloudy 80's	53	15

Disolved Oxygen (mg/L)	Begin Reading:	5.13	Time:	2:30	End Reading:	5.15	Time:	3:40
Redox (mV)	Begin Reading:	331	Time:	2:30	End Reading:	281	Time:	3:40
Iron (mg/L)	Fe (II):	<.50	Time:	3:45	Fe (Total):	<.50	Time:	3:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:30 pm	21.72	69	4.76	>440
2:35	21.52	69	4.72	255
2:40	21.70	68	4.67	162
2:45	21.61	69	4.65	102
2:50	21.51	69	4.63	61.4
2:55	21.33	69	4.64	41.5
3:00	21.36	69	4.64	21.6
3:05	21.37	69	4.64	15.6
3:10	21.42	69	4.62	13.8
3:15	21.40	69	4.64	9.6
3:20	21.38	69	4.63	8.1
3:25	21.41	69	4.64	7.4
3:30	21.41	69	4.64	6.5
3:35	21.66	69	4.67	5.0
3:40	21.35	69	4.63	4.7

Comments: Sampled @ 3:45 p.m. Duplicate sampled

Verified by: [signature] **Date:** 10-9-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/9/02 Well No.: MW-4A Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
19.74'	45.5'	cloudy - windy low 70's	50	15

Disolved Oxygen (mg/L)	Begin Reading:	7.42	Time:	9:30	End Reading:	6.14	Time:	10:35
Redox (mV)	Begin Reading:	481	Time:	9:30	End Reading:	485	Time:	10:35
Iron (mg/L)	Fe (II):	<.50	Time:	10:40	Fe (Total):	<.50	Time:	10:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:30 a.m.	20.25	47	5.14	>440
9:35	20.28	47	4.80	237
9:40	20.36	47	4.84	133
9:45	20.36	47	4.80	85.6
9:50	20.32	47	4.72	56.8
9:55	20.31	48	4.76	40.9
10:00	20.32	48	4.71	24.3
10:05	20.28	48	4.72	15.4
10:10	20.30	48	4.72	10.9
10:15	20.27	48	4.72	8.8
10:20	20.26	48	4.72	6.9
10:25	20.27	48	4.71	2.4
10:30	20.26	48	4.71	1.2
10:35	20.25	48	4.71	.8

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

Verified by: [illegible] Date: 10-10-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/9/02 Well No.: MW-5A Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
16.96'	28.6'	cloudy - windy mid 70's	47	15

Disolved Oxygen (mg/L)	Begin Reading:	4.20	Time:	11:30	End Reading:	.82	Time: 12:25
Redox (mV)	Begin Reading:	268	Time:	11:30	End Reading:	160	Time: 12:25
Iron (mg/L)	Fe (II):	*5.25 ~~5.70~~	Time:	12:30	Fe (Total):	5.25	Time: ~~12:50~~ 12:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:30 a.m.	21.22	69	5.61	>440
11:35	21.40	62	5.60	88.2
11:40	21.42	68	5.59	38
11:45	21.46	71	5.64	7.3
11:50	21.46	71	5.66	5.7
11:55	21.48	71	5.65	7.1
12:00 p.m.	21.46	70	5.60	4.4
12:05	21.51	69	5.59	2.9
12:10	21.59	68	5.59	2.5
12:15	21.57	68	5.59	1.8
12:20	21.57	68	5.59	0.3
12:25	21.57	68	5.60	0.2
—	—	—	—	—
*Fe II		Fe Total		
original reading 5.70ppm		original reading 5.70ppm.		
20mL to 100mL 1.05ppm			= 5.25 mg/L	
1.05 x 5 = 5.25 mg/L				

Comments: Sampled @ 12:30pm

Verified by: [signature] Date: 10-10-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/9/02 Well No.: MW-2A Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
13.49'	42.3'	partly cloudy mid 70's	52	17

Disolved Oxygen (mg/L)	Begin Reading:	5.21	Time:	1:30	End Reading:	.61	Time:	2:20
Redox (mV)	Begin Reading:	336	Time:	1:30	End Reading:	379	Time:	2:20
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)
1:30 p.m.	22.85	60	4.79	.218
1:35	21.86	60	4.38	253
1:40	21.71	59	4.37	159
1:45	21.59	60	4.34	118
1:50	21.60	61	4.34	53.4
1:55	21.51	60	4.34	41.6
2:00	21.45	61	4.34	16.0
2:05	21.39	61	4.34	8.5
2:10	21.44	60	4.35	4.5
2:15	21.44	61	4.35	4.0
2:20	21.46	61	4.35	4.0

Comments: Sampled @ 2:25 p.m. TOC

Verified by: [signature] Date: 10-10-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/9/02 Well No.: MW-3A Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
15.87'	41.97'	Cloudy 70's	57	

Disolved Oxygen (mg/L)	Begin Reading:	7.13	Time:	3:00	End Reading:		Time:	
Redox (mV)	Begin Reading:	380	Time:	3:00	End Reading:		Time:	
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:00 pm	23.08	54	5.18	>440
3:05	20.49	57	5.03	>440
3:10	19.98	56	5.04	>440
3:15	19.93	56	5.03	>440
3:20	19.91	56	5.02	368
3:25	19.90	56	4.99	369
3:30	19.88	55	4.99	364
3:35	19.86	54	4.98	335
3:40	19.82	55	4.94	352
3:45	19.63	53	4.96	357
3:50	19.65	54	4.96	273
3:55	19.63	53	4.98	247
4:00	19.62	52	4.98	243
4:05	19.63	52	5.00	191
4:10	19.64	52	4.99	192
4:15	19.61	53	4.99	187
4:20	20.55	53	4.96	158
4:25	20.47	52	4.98	142

Comments: TOC collected

Continued on page 25

Verified by: Date:

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/9/02 Well No.: MW 3A cont. Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
15.87'	41.97'	Cloudy 70's	57	47

Disolved Oxygen (mg/L)	Begin Reading:	7.13	Time:	3:20	End Reading:	8.27	Time:	4:55
Redox (mV)	Begin Reading:	3.80	Time:	3:00	End Reading:	394	Time:	4:55
Iron (mg/L)	Fe (II):	<.50	Time:	5:00	Fe (Total):	<.50	Time:	5:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
4:30	20.46	51	4.97	191
4:35	20.44	52	4.97	288
4:40	19.46	52	4.99	146
4:45	19.44	52	5.01	90.7
4:50	19.47	51	5.02	69.8
4:55	19.51	52	5.01	86.1

Comments: Sampled @ 5:00 TOC

Verified by: [signature] Date: 10-10-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/10/02 Well No.: MW-12d Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
21.41'	27'	Cloudy upper 60's	50	7.5

Disolved Oxygen (mg/L)	Begin Reading:	3.42	Time:	9:55	End Reading:	4.01	Time: 10:35
Redox (mV)	Begin Reading:	395	Time:	9:55	End Reading:	441	Time: 10:35
Iron (mg/L)	Fe (II):	<.50	Time:	10:40	Fe (Total):	<.50	Time: 10:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:55 am.	21.99	99	4.91	124
10:00	21.84	94	4.71	186
10:05	21.84	90	4.69	79.2
10:10	21.83	90	4.67	38.1
10:15	21.89	88	4.67	13.9
10:20	21.85	89	4.66	4.1
10:25	21.92	89	4.66	1.8
10:30	21.88	89	4.67	0.7
10:35	22.08	89	4.67	0.6

Comments: Sampled @ 10:40

Verified by: [illegible] Date: 10-10-02

TTL, Inc.

October 2002

Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/10/02 Well No.: MW-2 RCP 22 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
21.34'	57.5'	Cloudy low 70's	60	18

Disolved Oxygen (mg/L)	Begin Reading:	6.35	Time:	11:10	End Reading:	6.88	Time:	12:05
Redox (mV)	Begin Reading:	408	Time:	11:10	End Reading:	380	Time:	12:05
Iron (mg/L)	Fe (II):	<0.50	Time:	12:10 ~~<0.50~~	Fe (Total):	<0.50	Time:	12:15

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:10 am	21.07	43	5.32	3.8
11:15	20.81	38	5.28	19.0
11:20	20.58	38	5.28	6.2
11:25	20.60	39	5.30	4.3
11:30	20.59	39	5.29	2.5
11:35	20.61	39	5.28	3.3
11:40	20.63	39	5.27	1.7
11:45	20.63	39	5.26	2.9
11:50	20.67	39	5.25	2.0
11:55	20.65	40	5.24	1.8
12:00 pm	20.68	40	5.24	1.1
12:05	20.69	40	5.24	1.8

Comments: Sampled @ 12:10 pm

Verified by: [signature] Date: 10-10-02

TTL, Inc.

October 2002

Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/10/02 Well No.: MW-2D Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
26.77'	31.5'	Clear low 40s	55	9

Disolved Oxygen (mg/L)	Begin Reading:	5.43	Time:	12:50	End Reading:	5.60	Time:	1:20
Redox (mV)	Begin Reading:	441	Time:	12:50	End Reading:	454	Time:	1:20
Iron (mg/L)	Fe (II):	.050	Time:	1:25	Fe (Total):	.50	Time:	1:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:50 pm	21.06	64	4.40	169
12:55	20.85	64	4.39	74.7
1:00	20.92	64	4.35	9.8
1:05	20.87	63	4.36	5.9
1:10	20.89	63	4.38	3.8
1:15	20.79	63	4.40	3.2
1:20	20.88	63	4.39	3.2

Comments: Sampled @ 1:25pm

Verified by: [signature] Date: 10-10-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/10/02 Well No.: MW-117 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
39.02'	44'		cloudy - 70's		55		3.5	
Disolved Oxygen (mg/L)	Begin Reading:	6.48	Time:	2:15	End Reading:	5.77	Time:	2:45
Redox (mV)	Begin Reading:	413	Time:	2:15	End Reading:	405	Time:	2:45
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)
2:15 pm	23.48	153	5.80	17.3
2:20	21.22	94	5.38	55.8
2:25	21.20	95	5.37	25.0
2:30	21.23	95	5.37	9.3
2:35	21.34	96	5.40	4.8
2:40	21.25	95	5.42	3.9
2:45	21.32	95	5.43	3.9

Comments: Sampled @ 2:50 pm

Verified by: [illegible] Date: 10-10-02

TTL, Inc.

October 2002

Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/10/02 Well No.: MW-211 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
40.72'	81'	Cloudy - 70's	70	28

Disolved Oxygen (mg/L)	Begin Reading:	7.37	Time:	3:20	End Reading:	10.26	Time:	3:55
Redox (mV)	Begin Reading:	401	Time:	3:20	End Reading:	415	Time:	3:55
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)
3:20 pm	21.21	90	5.01	4.9
3:25	19.70	91	4.86	24.8
3:30	19.66	91	4.87	8.4
3:35	19.67	90	4.87	6.3
3:40	19.63	91	4.87	6.1
3:45	19.62	91	4.87	3.8
3:50	19.70	91	4.87	3.9
3:55	19.59	90	4.88	2.0

Comments: Sampled @ 4:00pm

Verified by: [illegible] Date: 10-10-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/10/02 Well No.: MW-132 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
23.93'	29'		Mostly sunny 70's		52		15	
Disolved Oxygen (mg/L)	Begin Reading:	6.43	Time:	10:00	End Reading:	4.53	Time:	10:55
Redox (mV)	Begin Reading:	411	Time:	10:00	End Reading:	436	Time:	10:55
Iron (mg/L)	Fe (II):	<.50	Time:	11:00	Fe (Total):	<.50	Time:	11:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:00 a.m.	22.89	109	4.59	357
10:05	22.37	107	4.28	434
10:10	22.28	104	4.26	322
10:15	22.25	104	4.25	24.7
10:20	22.22	105	4.26	38.5
10:25	22.22	103	4.26	22.3
10:30	22.22	104	4.26	20.0
10:35	22.28	105	4.27	17.5
10:40	22.27	104	4.28	8.1
10:45	22.26	104	4.28	4.0
10:50	22.23	103	4.28	1.6
10:55	22.23	104	4.28	3.0

Comments: Sampled @ 11:00 a.m.

Verified by: [illegible] Date: 10-11-02

TTL, Inc.

October 2002

Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/11/02 Well No.: MW-232 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
24.00'	56.5'		Mostly cloudy 70's		60		20	
Disolved Oxygen (mg/L)	Begin Reading:	4.97	Time:	11:20	End Reading:	8.26	Time:	12:00
Redox (mV)	Begin Reading:	437	Time:	11:20	End Reading:	437	Time:	12:00
Iron (mg/L)	Fe (II):	<.50	Time:	12:05	Fe (Total):	<.50	Time:	12:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:20 a.m.	21.74	79	4.89	131
11:25	21.13	65	4.94	106
11:30	20.78	63	4.93	49.8
11:35	20.77	64	4.94	24.8
11:40	20.82	64	4.95	13.3
11:45	20.75	65	4.95	11.1
11:50	20.76	64	4.94	6.4
11:55	20.72	64	4.92	6.1
12:00 p.m.	20.71	64	4.91	5.6

Comments: Sampled @ 12:05 p.m.

Verified by: [signature] Date: 10-11-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/11/02 Well No.: MW-128 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
22.24'	26.5'		partly cloudy 70°		55		9	
Disolved Oxygen (mg/L)	Begin Reading:	5.49	Time:	1:00	End Reading:	5.51	Time:	1:50
Redox (mV)	Begin Reading:	215	Time:	1:00	End Reading:	241	Time:	1:50
Iron (mg/L)	Fe (II):	<.50	Time:	1:55	Fe (Total):	<.50	Time:	2:00

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:00pm	25.47	68	4.54	94.4
1:05	24.14	64	4.42	107
1:10	24.26	64	4.39	66.9
1:15	23.93	63	4.39	41.5
1:20	25.29	64	4.41	43.3
1:25	26.00	64	4.38	40.6
1:30	25.83	64	4.39	15.9
1:35	25.84	64	4.43	12.5
1:40	25.96	63	4.40	3.5
1:45	26.10	64	4.41	0.8
1:50	26.94	64	4.41	0.0

Comments: Sampled @ 1:55pm

Verified by: [illegible] Date: 10-11-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/14/02 Well No.: MW-22B Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
22.39'	50.5 ft	cloudy 60's	53	20

Disolved Oxygen (mg/L)	Begin Reading:	5.03	Time:	10:10	End Reading:	7.01	Time: 11:45
Redox (mV)	Begin Reading:	198	Time:	10:10	End Reading:	189	Time: 11:45
Iron (mg/L)	Fe (II):	<.50	Time:	11:50	Fe (Total):	<.50	Time: 11:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:10 a.m.	20.97	97	5.16	2.1
10:15	21.20	105	4.51	67.5
10:20	20.84	107	4.51	52.9
10:25	21.11	107	4.51	89.7
10:30	20.47	107	4.53	109
10:35	20.50	106	4.55	48.6
10:40	20.52	105	4.56	42.1
10:45	20.61	106	4.54	28.3
10:50	20.63	105	4.54	23.2
10:55	20.61	106	4.53	18.5
11:00	20.70	105	4.53	14.2
* 11:05	20.97	106	4.54	12.8
11:25	20.15	108	4.58	22.1
11:30	21.00	107	4.55	9.1
11:35	21.08	105	4.56	4.8
11:40	21.15	105	4.56	4.8
11:45	21.23	106	4.55	4.4

Comments: * 11:07 – 11:22 Compressor out of gas

Sampled @ 11:50 a.m. Dup

Verified by: [illegible] Date: 10-14-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 10/14/02 Well No.: MW 115 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
19.05'	25 ft	Cloudy low 70's	55	12

Disolved Oxygen (mg/L)	Begin Reading:	7.11	Time:	1:35	End Reading:	6.77	Time:	2:00
Redox (mV)	Begin Reading:	167	Time:	1:35	End Reading:	224	Time:	2:00
Iron (mg/L)	Fe (II):	<.50	Time:	2:05	Fe (Total):	<.50	Time:	2:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:35 pm	22.87	88	4.47	64.3
1:40	22.64	91	4.40	5.0
1:45	22.72	92	4.36	1.0
1:50	22.66	92	4.36	.6
1:55	22.66	90	4.36	.6
2:00	22.63	92	4.36	0.0

Comments: Sampled @ 2:05pm

*Minitroll removed from well 1:10pm. → 2:15p.m.

Verified by: [illegible] Date: 10-14-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 10/14/02 Well No.: MW-218 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
13.60'	39.54'	cloudy 70s	60	18

Disolved Oxygen (mg/L)	Begin Reading:	8.33	Time:	3:15	End Reading:	3.60	Time:	3:45
Redox (mV)	Begin Reading:	222	Time:	3:15	End Reading:	152	Time:	3:45
Iron (mg/L)	Fe (II):	<.50	Time:	3:50	Fe (Total):	<.50	Time:	3:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:15 pm	22.67	77	5.44	94.2
3:20	22.07	81	5.48	7.6
3:25	21.76	78	5.48	2.6
3:30	21.76	76	5.47	1.3
3:35	21.75	75	5.44	1.1
3:40	21.75	75	5.44	0.1
3:45	21.72	75	5.42	0.0

Comments: Sampled @ 3:50pm

Verified by: [signature] Date: 10-14-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Todd Kraft Chris Kratcheck

Date: 10-16-02 Well No.: 221 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
17.63'	26.5'		sunny 50's		50		14	
Disolved Oxygen (mg/L)	Begin Reading:	2.59	Time:	8:25am	End Reading:	4.03	Time:	9:00
Redox (mV)	Begin Reading:	414.7	Time:	8:25am	End Reading:	675.5	Time:	9:00
Iron (mg/L)	Fe (II):	<0.50	Time:	9:05	Fe (Total):	<0.50	Time:	9:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
8:25am	21.68	120	5.28	>440
8:30am	24.29	82	3.87	35.7
8:35am	24.37	86	3.74	17.3
8:40	24.32	84	3.70	10.0
8:45	24.41	85	3.64	6.6
8:50	24.47	87	3.59	4.6
8:55	24.49	86	3.100	4.2
9:00	24.52	87	3.58	4.4

Comments: Sampled @ 9:05am

Verified by: [illegible] Date: 10-17-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratcheck Todd Kraft

Date: 10/16/02 Well No.: 230 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
22.71'	50.7'	Sunny 60's	50	24

Disolved Oxygen (mg/L)	Begin Reading:	3.63	Time:	9:55am	End Reading:	4.38	Time:	10:25
Redox (mV)	Begin Reading:	697.4	Time:	9:55am	End Reading:	617.9	Time:	10:25
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)
9:55am	20.51	94	4.86	73.1
10:00	20.26	88	3.91	42.3
10:05	20.23	91	3.75	11.9
10:10	20.22	92	3.65	12.2
10:15	20.21	91	3.61	6.5
10:20	20.22	92	3.51	6.5
10:25	20.20	92	3.54	6.3

Comments: Sampled @ 10:30am collected TOC

Verified by: [illegible] Date: 10-17-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Todd Kraft Chris Kraft

Date: 10/16/02 Well No.: 130 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
22.82'	28'		Sunny 70's		50		17	
Disolved Oxygen (mg/L)	Begin Reading:	4.45	Time:	10:50 am	End Reading:	4.16	Time:	11:10
Redox (mV)	Begin Reading:	673.7	Time:	10:50 am	End Reading:	707.7	Time:	11:10
Iron (mg/L)	Fe (II):	<0.50	Time:	11:15	Fe (Total):	<0.50	Time:	11:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:50am	21.56	61	4.15	130
10:55	21.65	76	3.16	9.6
11:00	21.69	79	3.05	7.4
11:05	21.68	81	2.82	7.2
11:10	21.70	82	2.82	7.4

Comments: Sampled @ 11:15 also collected TOC

Took out mini-troll @ 10:30am replaced @ 11:35am

Verified by: [illegible] Date: 10-17-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratchenko Todd Kraft

Date: 10/16/02 Well No.: 137A Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
20.30'	37'	Sunny 70's	50	16

Disolved Oxygen (mg/L)	Begin Reading:	2.28	Time:	1:05	End Reading:	3.51	Time:	1:25
Redox (mV)	Begin Reading:	554.1	Time:	1:05	End Reading:	586.7	Time:	1:25
Iron (mg/L)	Fe (II):	<0.50	Time:	1:30	Fe (Total):	<0.50	Time:	1:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:05 pm	21.76	90	2.79	>440
1:10	21.50	100	2.72	15.3
1:15	21.51	111	2.73	~~9.3~~ CLR 6.8
1:20	21.49	120	2.71	6.7
1:25	21.42	114	2.71	7.0

Comments: Sampled @ 1:30pm

Verified by: [illegible] Date: 10-17-02

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

Personnel: Todd Kraft Chris Krafcheck

Date: 10/16/02 Well No.: 237-B Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
20.37'	46'		Sunny 70's		50		50	
Disolved Oxygen (mg/L)	Begin Reading:	1.89	Time:	1:55	End Reading:	3.85	Time:	3:00
Redox (mV)	Begin Reading:	-105.7	Time:	1:55	End Reading:	446.0	Time:	3:00
Iron (mg/L)	Fe (II):	<0.50	Time:	3:05	Fe (Total):	<0.50	Time:	3:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:55 pm	22.14	405	3.01	299
2:00 pm	20.84	603	2.95	208
2:05 pm	20.76	446	3.09	334
2:10	20.78	326	3.10	145
2:15	20.69	255	3.14	99.8
2:20	20.69	220	3.12	86.6
2:25	20.66	201	3.05	50.8
2:30	20.68	194	3.05	35.0
2:35	20.69	184	2.99	28.2
2:40	20.65	182	2.99	26.4
2:45	20.65	172	3.00	21.3
2:50	20.66	159	CLK 2.98 ~~2.28~~	18.9
2:55	20.63	150	2.97	19.0
3:00	20.66	145	2.96	18.8

Comments: Sampled @ 3:05 Took Duplicate Samples

Verified by: [signature] Date: 10-17-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Todd Kraft Chris Kratkleck

Date: 10/16/02 Well No.: 237-C Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
20.42'	53'		Sunny 60's		50		45	
Disolved Oxygen (mg/L)	Begin Reading:	3.23	Time:	3.35 ~~3.3~~ TK	End Reading:	3.63	Time:	4:35
Redox (mV)	Begin Reading:	42.6	Time:	3:35	End Reading:	408.6	Time:	4:35
Iron (mg/L)	Fe (II):	<0.50	Time:	4:40	Fe (Total):	<0.50	Time:	4:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:35	20.91	116	3.18	>440
3:40	20.84	113	3.12	>440
3:45	20.97	109	3.05	>440
3:50	20.69	107	2.99	195
3:55	20.64	106	2.94	75.2
4:00	20.67	105	2.93	46.4
4:05	20.58	105	2.90	18.6
4:10	20.62	103	2.93	15.0
4:15	20.72	103	2.93	14.1
4:20	20.57	103	2.92	7.1
4:25	20.54	103	2.91	3.2
4:30	20.54	103	2.89	3.3
4:35	20.54	103	2.89	3.3

Comments: Sampled @ 4:40pm

Verified by: [illegible] Date: 10-17-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker; Chris Kraftcheck

Date: 10/17/02 Well No.: CMT 1-1 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.80 BB	43.4'	P. cloudy 70's	N/A	6

Disolved Oxygen (mg/L)	Begin Reading:	3.57	Time:	10:50	End Reading:	2.46	Time: 4:20
Redox (mV)	Begin Reading:	102	Time:	10:50	End Reading:	121	Time: 4:20
Iron (mg/L)	Fe (II):	~~.95~~ 4.75 CLK	Time:	4:30	Fe (Total):	~~1.25~~ 6.25 CLK	Time: 4:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	
10:50 am	19.88	731	6.58	6.9	.25
11:10	20.20	776	6.74	41.5	.50
11:25	20.48	785	6.78	19.7	
11:45	20.70	771	6.77	8.1	
12:00 pm	20.49	754	6.75	10.2	
12:17	20.23	740	6.72	14.3	
12:30	20.27	711	6.69	11.4	
12:42	20.33	688	6.65	9.6	
12:55	20.44	~~666~~ BB 661	6.67	3.9	
~~1:00~~ CLK 1:15	20.55	641	6.62	1.7	
1:25	20.78	618	6.63	6.0	
1:34	20.65	596	6.64	5.5	
1:47	20.78	582	6.59	4.4	
2:03	20.89	569	6.60	3.4	
2:17	20.96	557	6.57	1.6	
2:29	21.19	540	6.55	13.6	
2:44	21.34	529	6.57	10.4	
2:57	21.61	520	6.55	7.4	

Comments: Continued on page 45.

Verified by: Date:

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker; Chris Kratchech

Date: 10/17/02 Well No.: CMT1-2 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.80	39.6'	P.C. Cloudy 70's	N/A	3

Disolved Oxygen (mg/L)	Begin Reading:	3.24	Time: 11:20	End Reading:	5.28	Time:	3:35
Redox (mV)	Begin Reading:	72	Time: 11:20	End Reading:	135	Time:	3:35
Iron (mg/L)	Fe (II):	* 1.10 CLK 11 ppm	Time: 3:45	Fe (Total):	* 1.20 CLK 12	Time:	3:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:20	20.32	1229	6.66	30.0
11:45	20.63	955	6.61	15.3
12:13	20.33	799	6.64	10.4
12:35	20.47	730	6.62	7.7
1:00	20.53	676	6.58	5.1
1:20	20.93	644	6.56	6.5
1:39	20.88	610	6.57	6.1
2:05	20.98	586	6.50	1.8
2:28	20.25	562	6.50	3.0
2:50	21.47	543	6.48	4.3
3:13	21.69	530	6.50	4.5
3:35	21.81	516	6.45	4.7
	~~21.99~~	~~496~~	~~6.51~~	~~0.0~~
Original reading = overrange				
* 10mL to 100mL = 1.10 ppm		* 10mL to 100mL 1.20		
1.10 x 10 = 11 ppm			1.20 x 10 = 12 ppm	

Comments: Sampled @ 3:40 p.m.

Verified by: [signature] Date: 10-23-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Chris Krafchek

Date: 10/17/02 Well No.: CMT-1 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.80 BB	43.4'	P. cloudy 70's	N/A	6

Disolved Oxygen (mg/L)	Begin Reading:	3.57	Time:	10:50	End Reading:	2.46	Time:	4:20
Redox (mV)	Begin Reading:	102	Time:	10:50	End Reading:	121	Time:	4:20
Iron (mg/L)	Fe (II):	~~.95~~ 4.75 BB CLK	Time:	4:30	Fe (Total):	~~1.25~~ 6.25 BB CLK	Time:	4:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:11 pm	21.74	512	6.56	3.3
3:24	21.86	504	6.50	3.5
3:37	21.99	496	6.51	0.0
3:52	22.07	489	6.53	2.8
4:06	21.79	485	6.54	3.0
4:20	21.41	479	6.49	2.4
Fe II		Total Iron		
original reading 5.90		~~orig~~		
* 20mL to 100mL .95		* 20mL to 100mL 1.25		
.95 x 5 = 4.75 ppm		1.25 x 5 = 6.25		

Comments: Sampled @ 4:25 pm

Verified by: [signature] Date: 10-23-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Bisher, Reggie Robinson

Date: 10/18/02 Well No.: CMT 1-3 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.51 79	35.6'	Sunny, clear, upper 60's	N/A	6

Disolved Oxygen (mg/L)	Begin Reading:	3.40	Time:	10:15	End Reading:	4.46	Time:	2:32
Redox (mV)	Begin Reading:	118	Time:	10:15	End Reading:	132	Time:	2:32
Iron (mg/L)	Fe (II):	+5.25	Time:	2:40	Fe (Total):	+5.50	Time:	2:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:15	20.17	1001	6.73	26.5
10:28	20.11	828	6.61	38.1
10:40	19.85	694	6.52	216
10:50	20.10	608	6.44	137
11:02	20.09	570	6.43	46.5
11:14	20.18	532	6.36	37.9
11:25	20.10	514	6.33	41.4
11:37	20.19	492	6.41	40.4
11:45	20.09	454	6.37	197
11:57	19.97	427	6.39	142
12:08	20.12	414	6.33	58.2
12:24	19.82	401	6.31	60.3
12:34	20.01	405	6.38	49.3
12:44	20.12	398	6.33	25.3
12:53	20.17	397	6.37	29.5
1:04	20.59	390	6.40	25.6
1:14	20.52	381	6.33	47.8
1:24	20.44	371	6.35	45

.25

Comments: Continued on page 49

Verified by: Date:

October 2002

Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/18/02 Well No.: CMT 1-4 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
~~25.14~~ 24.18 03	31.9'	Sunny, clear, 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)
10:10 a.m.				

Comments: Dry @ less than 1 gt.

Verified by: Date:

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brent Baker Reggie Robinson

Date: 10/18/02 Well No.: CMT 1-5 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.81 BB	29.5'	Sunny, clear, 60's	N/A	2

Disolved Oxygen (mg/L)	Begin Reading:	6.69	Time:	10:27	End Reading:	5.73	Time:	11:19
Redox (mV)	Begin Reading:	144	Time:	10:27	End Reading:	168	Time:	11:19
Iron (mg/L)	Fe (II):	*~~1.25~~ 0.25 as parked	Time:	11:30	Fe (Total):	*~~1.40~~ 7.00 as parked	Time:	11:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:27 AM	20.32	291	6.64	77.4
10:34	20.26	221	6.62	20.4
10:44	20.26	199	6.58	7.5
10:53	20.30	190	6.51	13.5
11:00	20.30	183	6.44	7.4
11:08	20.47	181	6.49	5.2
11:11	20.48	177	6.42	1.6
11:19	20.25	179	6.49	2.8
Fe II		Total Fe		
original reading 7.00 ppm		2 mL to 100 mL 1.40 ppm		
10 mL to 100 mL .70 ppm		1.40 x 5 = 7 mg/L		
20 mL to 100 mL 1.25 ppm				
1.25 x 5 = 6.25 mg/L				
dilution ratio				

Comments: Sampled @ 11:25 a.m.

Verified by: [signature] Date: 10-23-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/18/02 Well No.: CMT 1-3 (cont) Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.8779 BP	35.6'	Sunny, clear, warm 60s	N/A	6

Disolved Oxygen (mg/L)	Begin Reading:	3.40	Time:	10:15	End Reading:	4.46	Time:	2:32
Redox (mV)	Begin Reading:	118	Time:	10:15	End Reading:	132	Time:	2:32
Iron (mg/L)	Fe (II):	* ~~1.05~~ 5.25 RB per RED	Time:	2:40	Fe (Total):	* ~~1.10~~ 5.50 RB per RED	Time:	2:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:38 pm	20.75	365	6.37	51.5
1:47	20.95	354	6.36	48.4
1:58	21.75	345	6.35	35.6
2:09	22.31	337	6.34	52.9
2:20	22.95	323	6.34	51.1
2:32	22.94	319	6.33	50.3
FeII		Fe Total		
original reading 5.30 ppm		* 20mL to 100mL		1.10
* 20mL to 100mL 1.05				
1.05 x 5 = 5.25 mg/L		1.10 x 5 = 5.50 mg/L		

Comments: Sampled @ 2:35

Verified by: [signature] Date: 10.23.02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Esther, Reggie Robinson

Date: 10/18/02 Well No.: CMT1-6 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.88 BB	47.7'	Sunny, clear, mid 60's	N/A	2

Disolved Oxygen (mg/L)	Begin Reading:	2.79	Time:	1:50	End Reading:	3.74	Time: 3:05
Redox (mV)	Begin Reading:	163	Time:	1:50	End Reading:	157	Time: 3:05
Iron (mg/L)	Fe (II):	* ~~1.55~~ 7.75 ~~mg/L~~	Time:	3:15	Fe (Total):	* ~~1.60~~ 8.00 ~~mg/L~~	Time: 3:28

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:50 pm	21.32	443	6.29	5.3
2:00	21.83	393	6.25	1.7
2:12	22.40	381	6.30	2.4
2:22	22.62	371	6.37	2.8
2:35	22.63	370	6.37	2.4
2:47	22.99	370	6.40	2.5
2:55	23.24	369	6.41	1.2
3:05	23.26	364	6.43	1.5
FeII		Fe Total		
original reading overrange		* 20mL to 100mL 1.60 ppm		
* 20mL to 100mL 1.55 ppm			1.60 x 5 = 8.0 mg/L	
1.55 x 5 = 7.75 mg/L				

Comments: Sampled @ 3:10 pm

Verified by: Date:

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/21/02 Well No.: CMT1-7 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.80	51.45'	cloudy low 70s	N/A	1.75

Disolved Oxygen (mg/L)	Begin Reading:	4.21	Time:	10:25	End Reading:	3.27	Time: 11:55
Redox (mV)	Begin Reading:	254.00 ~~6.42~~	Time:	10:25	End Reading:	277	Time: 11:55
Iron (mg/L)	Fe (II):	2.50	Time:	12:00	Fe (Total):	2.50	Time: 12:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:25 am	21.88	317	6.42	20.6
10:35	21.75	136	6.18	6.2
10:49	22.07	134	5.89	5.2
11:04	22.31	135	5.88	4.0
11:20	22.43	135	5.86	1.7
11:37	22.59	136	5.87	1.4
11:55	22.61	137	5.85	1.7

Comments: Sampled @ 12:00 p.m

Verified by: [illegible] Date: 10-23-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/21/02 Well No.: CMT2-1 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.03'	~~40.6~~ 32.6'	cloudy 70's	N/A	2.75

Disolved Oxygen (mg/L)	Begin Reading:	3.73	Time:	1:44	End Reading:	2.61	Time: 4:33
Redox (mV)	Begin Reading:	226	Time:	1:44	End Reading:	239	Time: 4:33
Iron (mg/L)	Fe (II):	4.10	Time:	4:40	Fe (Total):	4.20	Time: 4:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:44 pm	24.70	268	6.05	0.8
2:10	24.71	267	6.09	5.0
2:38	24.39	275	6.05	2.6
3:05	24.57	283	6.05	1.3
* 3:30	24.36	289	6.08	18.3
3:39	23.59	301	5.97	7.2
3:49	23.46	313	5.96	1.8
3:59	23.64	323	5.94	0.8
4:10	23.53	330	5.92	1.2
4:24	23.63	340	6.02	1.4
4:33	23.45	347	6.00	1.3

Comments: * Changed pumps from Dolphin 50 to Geopump 2 d.c. to low flow rate with Dolphin 50. Sample @ 4:35pm

Verified by: Dixon Date: 10-23-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/21/02 Well No.: CMT 2-2 Sampling Method: ~~Bladder Pump~~ Geopumps

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.03'	40.6'	Cloudy 70's	N/A	3

Disolved Oxygen (mg/L)	Begin Reading:	2.36	Time:	2:07	End Reading:	2.56	Time:	4:08
Redox (mV)	Begin Reading:	180	Time:	2:07	End Reading:	285	Time:	4:08
Iron (mg/L)	Fe (II):	1.05	Time:	4:15	Fe (Total):	1.10	Time:	4:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:07 pm	25.35	444	6.61	142
2:32	25.01	304	6.28	45.4
3:00	24.76	250	6.12	38.2
3:20	24.42	231	6.08	48.8
3:33	23.33	210	5.94	54.2
3:37	23.00	190	5.89	48.4
3:43	22.17	170	5.91	38.2
3:47	22.78	160	5.86	30.9
3:52	22.90	153	5.88	26.5
3:57	22.92	143	5.76	26.8
4:03	22.98	138	5.72	25.9
4:08	22.90	132	5.70	24.9

Comments: * Changed pumps from Dolphin SD to Geopumps due to low flow rate with Dolphin SD. Sampled @ 4:12pm

Verified by: [illegible] Date: 10-23-02

October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/22/02 Well No.: CMT2-4 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.04'	48.7'	sunny 70's	N/A	5

Disolved Oxygen (mg/L)	Begin Reading:	2.97	Time:	10:34	End Reading:	2.42	Time:	12:38
Redox (mV)	Begin Reading:	494	Time:	10:34	End Reading:	121	Time:	12:38
Iron (mg/L)	Fe (II):	3.95	Time:	12:45	Fe (Total):	3.95	Time:	12:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:34am	22.87	575	6.21	129
10:41	22.62	561	6.29	9.7
10:47	22.72	484	6.27	18.8
10:52	22.76	439	6.16	9.2
10:59	22.98	390	6.11	7.7
11:05	22.99	365	6.17	13.1
11:10	22.97	344	6.15	9.2
11:17	23.08	336	6.12	>440
11:23	23.03	332	6.07	85.3
11:29	22.88	317	6.11	130
11:35	22.98	303	6.10	9.3
11:41	23.15	289	6.04	5.4
11:46	22.83	281	6.09	7.2
11:53	22.59	271	6.06	3.8
11:59	22.61	268	6.07	1.8
12:05 pm	23.02	254	6.00	4.8
12:13	22.92	246	6.09	4.6
12:22	22.89	237	6.04	5.0

Comments: Continued on page 56

Verified by: Date:

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/22/02 Well No.: CMT2-3 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.03'	44.6'	sunny 70's	N/A	7

Disolved Oxygen (mg/L)	Begin Reading:	3.22	Time:	10:35	End Reading:	2.91	Time: 4:17
Redox (mV)	Begin Reading:	460	Time:	10:35	End Reading:	230	Time: 4:17
Iron (mg/L)	Fe (II):	1.45	Time:	4:25	Fe (Total):	1.50	Time: 4:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:35am	22.90	782	6.48	13.6
10:43	22.86	758	6.51	15.1
10:52	23.00	696	6.39	8.1
11:00	23.33	645	6.37	15.9
11:07	23.39	605	6.39	7.0
11:16	23.62	568	6.36	7.3
11:25	22.96	541	6.31	16.6
11:33	23.42	526	6.33	13.6
11:42	23.33	516	6.28	14.2
11:50	23.01	503	6.27	9.3
11:58	23.06	499	6.25	8.6
12:06 pm	23.33	491	6.24	4.1
12:17	23.14	481	6.26	4.2
12:27	23.15	474	6.24	2.4
12:37	23.07	465	6.23	2.2
12:47	23.62	457	6.22	1.3
12:57	23.66	445	6.23	3.6
1:07	23.83	443	6.25	5.1

Comments: Continued on page 57

Verified by: Date:

October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/22/02 Well No.: CMT 2-4 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.04'	48.7'	Sunny 70's	N/A	5

Disolved Oxygen (mg/L)	Begin Reading:	2.97	Time:	10:34	End Reading:	2.42	Time:	12:38
Redox (mV)	Begin Reading:	491	Time:	10:34	End Reading:	121	Time:	12:38
Iron (mg/L)	Fe (II):	3.95	Time:	12:45	Fe (Total):	3.95	Time:	12:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:30 pm	22.99	234	6.05	40
12:38 ↓	22.98	229	6.03	3.8

Comments: Sampled @ 12:40

Verified by: [signature] Date: 10-23-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/22/02 Well No.: CMT2-3 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.03'	44.6'	Sunny 70s	N/A	~~250~~ 08 7

Disolved Oxygen (mg/L)	Begin Reading:	3.22	Time:	10:35	End Reading:	2.91	Time:	4:17
Redox (mV)	Begin Reading:	460	Time:	10:35	End Reading:	230	Time:	4:17
Iron (mg/L)	Fe (II):	1.45	Time:	4:25	Fe (Total):	1.50	Time:	4:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:16 pm	23.80	429	6.41	4.9
1:25	23.78	419	6.39	4.4
1:36	24.03	410	6.41	3.6
1:48	24.22	403	6.44	3.2
* 2:12	25.21	391	6.49	36.3
2:33	25.33	379	6.51	10.2
2:58	25.08	378	6.52	5.7
~~3:07~~	~~24.21~~	~~241~~ 08		
3:24	24.90	376	6.53	2.2
3:54	25.04	372	6.50	4.6
4:17	24.44	373	6.47	3.6

Comments: * Switched pumps from Geopump 2 to Do Gph 1.50.

Sampled @ 4:20

Verified by: [signature] Date: 10.23.02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Esther, Reggie Robinson

Date: 10/22/02 Well No.: CMT2-5 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.10'	52.6'	Sunny 70's	N/A	2.25

Disolved Oxygen (mg/L)	Begin Reading:	2.89	Time:	1:34	End Reading:	2.32	Time:	3:22
Redox (mV)	Begin Reading:	162	Time:	1:34	End Reading:	148	Time:	3:22
Iron (mg/L)	Fe (II):	4.40	Time:	3:30	Fe (Total):	4.65	Time:	3:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:34 pm	24.40	237	6.61	3.6
1:43	23.85	235	6.62	0.2
* 2:03	25.13	219	6.62	13.6
2:14	24.27	217	6.70	5.8
2:27	24.29	224	6.75	2.8
2:40	24.27	235	6.69	2.5
2:54	24.20	237	6.79	1.4
3:07	24.23	241	6.77	2.1
3:22	24.09	241	6.74	1.5

Comments: * Switched pumps from Geopump 2 to Dolphin 50. Sampled @ 3:25

Verified by: [signature] Date: 10.23.02

TTL, Inc.

October 2002

Quarterly Monitoring Well Sampling

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

Personnel: Greg Meek Reggie Robinson

Date: 10/23/02 Well No.: CMT2 ~~7~~ Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
28.03'	~~59.6~~ 59.8		Cloudy Hi 70's		N/A		2.50	
Disolved Oxygen (mg/L)	Begin Reading:	4.47	Time:	10:00	End Reading:	1.18	Time:	4:35 pm
Redox (mV)	Begin Reading:	143	Time:	10:00	End Reading:	104	Time:	4:35 pm
Iron (mg/L)	Fe (II):	2.80	Time:	4:45	Fe (Total):	4.60	Time:	4:58

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:00 am	20.84	1043	7.22	58.1
10:47	20.43	1014	7.32	28.9
11:58	21.35	1027	7.09	39.1
1:06 pm	20.01	998	7.20	50.6
1:38	21.05	991	7.12	18.9
2:00	21.63	920	7.12	8.0
2:23	21.77	850	7.10	13.6
2:43	21.88	768	7.09	12.9
3:03	21.89	731	7.09	10.3
3:24	21.82	705	7.09	12.8
3:42	21.92	680	7.07	8.1
4:00	21.68	665	7.10	8.2
4:17	22.02	650	7.10	8.5
4:35	22.00	652	7.09	8.2

Comments: Sampled @ 4:55

Verified by: [signature] Date: 10-24-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Greg Meek Reggie Robinson

Date: 10/23/02 Well No.: CMT2-6 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.02'	56.4'	Cloudy Hi 70;	N/A	2.50

Disolved Oxygen (mg/L)	Begin Reading:	281	Time:	10:33	End Reading:	351	Time:	1:46
Redox (mV)	Begin Reading:	82	Time:	10:33	End Reading:	83	Time:	1:46
Iron (mg/L)	Fe (II):	<.50	Time:	1:52	Fe (Total):	<.50	Time:	1:58

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:33 am	21.57	409	7.44	43.3
10:58	21.50	413	7.56	18.3
11:16	21.57	391	7.53	14.4
11:31	21.57	371	7.53	16.9
11:47	21.60	357	7.48	10.7
12:02 pm	21.35	346	7.46	12.3
12:19	21.50	334	7.44	16.7
12:37	21.41	327	7.41	14.2
12:54	21.11	333	7.43	9.7
1:11	20.88	349	7.54	8.6
1:31	20.61	349	7.52	7.2
1:46	20.20	349	7.51	9.2

Comments: Sampled @ 1:50 PM

Verified by: [illegible] Date: 10-24-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/24/02 Well No.: CMT5-1 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
16.91	24.0'	light rain, cloudy 60's	N/A	12

Disolved Oxygen (mg/L)	Begin Reading:	4.72	Time:	10:58	End Reading:	4.48	Time:	3.10
Redox (mV)	Begin Reading:	565	Time:	10:58	End Reading:	4.07	Time:	3.10
Iron (mg/L)	Fe (II):	<.50	Time:	3:16	Fe (Total):	<.50	Time:	3:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:58 am	19.89	119	6.41	184
11:03	19.84	110	6.13	164
11:08	19.77	101	5.93	148
11:14	19.43	93	5.82	127
11:20	19.51	88	5.75	109
11:26	19.80	84	5.67	95.8
11:31	19.89	81	5.59	85.7
11:37	19.85	81	5.55	77.8
11:42	19.94	79	5.56	73.0
11:47	19.80	77	5.48	66.0
11:52	19.84	74	5.47	62.2
11:59	19.90	76	5.45	58.6
12:04 pm	19.93	74	5.47	54.2
12:09	19.96	73	5.48	53.7
12:15	19.97	73	5.41	50.6
12:21	19.99	72	5.39	47.0
12:26	19.98	71	5.41	45.2
12:30	19.66	72	5.38	44.2

Comments: Sampled @ 3:12 Cont. on page 64

Verified by: [signature] Date: 10-28-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/24/02 Well No.: CMT5-2 Sampling Method: ~~Bladder Pump~~ Grundfos

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
16.90'	31'	light rain cloudy 60's	N/A	4.25

Disolved Oxygen (mg/L)	Begin Reading:	10.40	Time:	10:59	End Reading:	4.36	Time:	12:29
Redox (mV)	Begin Reading:	575	Time:	10:59	End Reading:	489	Time:	12:29
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)
10:59 am	19.75	278	6.19	24.5
11:06	19.40	222	5.87	7.4
11:11	19.52	197	5.73	8.2
11:16	19.56	181	5.62	6.5
11:22	19.60	170	5.58	4.6
11:28	19.10	164	5.53	6.1
11:34	19.01	156	5.48	4.3
11:40	19.19	150	5.47	3.7
11:46	19.84	146	5.47	4.4
11:51	19.71	141	5.51	3.9
11:56	19.61	138	5.44	5.5
12:01 pm	19.51	134	5.41	3.9
12:07	19.83	130	5.43	4.5
12:13	19.84	127	5.43	4.1
12:17	19.89	123	5.42	3.8
12:22	19.90	120	5.42	3.8
12:28	19.94	120	5.41	4.0

Comments: Sampled @ 12:29

Verified by: [illegible] Date: 10.28.02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/24/02 Well No.: CMT5-3 Sampling Method: ~~Bladder Pump~~ Geopu.

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
16.80'	38'	light rain	N/A	2.75

Disolved Oxygen (mg/L)	Begin Reading:	6.25	Time:	10:57	End Reading:	9.20	Time:	11:52
Redox (mV)	Begin Reading:	571	Time:	10:57	End Reading:	5.20	Time:	11:52
Iron (mg/L)	Fe (II):	<.50	Time:	11:57	Fe (Total):	<.50	Time:	11:59

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:57am	19.63	66	6.59	4.3
11:01	18.79	68	5.82	4.1
11:07	18.99	68	5.58	2.1
11:13	19.11	66	5.46	1.6
11:17	19.39	66	5.41	2.1
11:23	19.18	66	5.43	2.2
11:29	19.26	66	5.36	1.2
11:35	19.10	66	5.32	1.3
11:41	19.60	66	5.28	1.2
11:46	19.25	66	5.31	0.6
11:51	19.66	66	5.33	0.8

Comments: Sampled @ 11:52 AM

Verified by: [illegible] Date: 10.28.02.

October 2002

Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker Reggie Robinson

Date: 10/24/02 Well No.: CMTS-1 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
16.91	24'		light rain fall		N/A		12	
Disolved Oxygen (mg/L)	Begin Reading:	4.72	Time:	10:58	End Reading:	4.48	Time:	3:10
Redox (mV)	Begin Reading:	565	Time:	10:58	End Reading:	407	Time:	3:10
Iron (mg/L)	Fe (II):	<.50	Time:	3:16	Fe (Total):	<.50	Time:	3:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:35 pm	19.75	70	5.36	41.6
12:41	19.83	69	5.30	39.6
12:46	19.90	69	5.30	59.8
12:51	19.96	68	5.30	53.1
12:56	19.89	69	5.32	54.8
12:59	19.99	68	5.31	57.7
1:05	20.00	68	5.29	60.3
1:09	20.01	68	5.30	56.1
1:13	20.02	68	5.31	50.8
1:17	20.10	68	5.27	53.0
1:22	20.17	67	5.26	49.8
1:45	19.85	69	5.33	54.9
1:48	20.13	66	5.25	54.9
1:50	20.21	66	5.23	33.8
1:55	20.17	64	5.19	41.1
2:00	20.20	64	5.14	42.1
2:05	19.97	64	5.04	48.8
2:10	20.15	65	5.00	30.2

Comments: Sampled @ 3:12 PM Cont. on Page 65

Verified by: Date:

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker Reggie Robinson

Date: 10/24/02 Well No.: CMT5-1 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
16.91	24'	light Rain Fall	N/A	12

Disolved Oxygen (mg/L)	Begin Reading:	4.72	Time:	10:58	End Reading:	4.48	Time:	3:10
Redox (mV)	Begin Reading:	565	Time:	10:58	End Reading:	407 RR ~~4.07~~ DO	Time:	3:10
Iron (mg/L)	Fe (II):	<.50	Time:	3:16	Fe (Total):	<.50	Time:	3:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:15 pm	20.25	63	4.99	27.2
2:20	20.06	63	5.00	23.4
2:25	20.20	63	4.95	17.5
2:30	20.24	63	4.95	15.8
2:35	20.39	62	4.92	13.1
2:40	20.36	61	4.84	11.8
2:45	20.38	60	4.87	11.1
2:50	20.36	60	5.04	10.1
2:55	20.25	60	5.00	10.7
3:00	20.35	59	5.02	8.6
3:05	20.34	61	5.00	8.7
3:10	20.36	60	5.01	8.3

Comments: Sampled @ 3:12 PM

Verified by: K. Dixon Date: 10-28-02

October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Beggie Robinson

Date: 10/25/02 Well No.: CMT 4-2 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
29.28'	32'	Cloudy 60's	N/A	4½

Disolved Oxygen (mg/L)	Begin Reading:	3.14	Time:	10:52	End Reading:	2.09	Time: 1:45
Redox (mV)	Begin Reading:	273	Time:	10:52	End Reading:	170	Time: 1:45
Iron (mg/L)	Fe (II):	1.75	Time:	1:49	Fe (Total):	1.90	Time: 1:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:52 am	20.12	211	6.47	>440
11:05	19.89	215	6.45	>440
11:15	19.75	222	6.29	>440
11:26	19.85	201	*	>440
11:37	19.93	187	*	>440
11:48	20.06	199	6.53	>440
11:58	20.10	252	6.30	256
12:07 pm	20.17	261	6.16	33.3
12:17	20.20	245	6.13	147
12:27	20.14	233	6.07	144
12:36	20.24	218	6.06	145
12:46	20.16	207	6.01	82.6
12:57	20.17	197	5.97	57.4
1:04	20.14	186	5.96	50.9
1:14	20.11	181	5.99	10.3
1:23	20.16	177	6.00	8.0
1:33	20.23	171	5.99	8.4
1:44	20.25	162	6.01	6.1

Comments: Sampled @ 1:45 * pH on meter wouldn't adjust quickly enough to take accurate readings due to influence from CMT 4-3.

Verified by: [signature] Date: 10.29.02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/25/02 Well No.: CMT4-3 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
29.29'	37'	cloudy - light rain - 60's	N/A	4.5

Disolved Oxygen (mg/L)	Begin Reading:	2.45	Time:	11:17	End Reading:	2.82	Time:	3:40
Redox (mV)	Begin Reading:	242	Time:	11:17	End Reading:	213	Time:	3:40
Iron (mg/L)	Fe (II):	<.50	Time:	3:50	Fe (Total):	<.50	Time:	3:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:17 am	19.72	276	9.10	237
* 11:35 ↓	20.02	252	8.35	197
1:30 pm	20.34	197	8.37	34.5
1:57	20.26	193	8.15	31.5
2:12	20.19	189	8.16	25.3
2:29	20.30	192	8.56	18.1
2:46	20.23	194	7.98	17.4
3:06	20.17	197	7.78	12.3
3:21	20.16	198	7.74	10.4
3:40 ↓	20.17	197	7.71	8.8

Comments: * Discontinuing readings due to high pH - meter cannot adjust quickly enough to take accurate readings on wells CMT4-2 and CMT4-4 at the same time.

Sampled @ 3:45

Verified by: [signature] Date: 10-29-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/25/02 Well No.: CMT4-4 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
29.29'	42'	cloudy 60's	N/A	4.25

Disolved Oxygen (mg/L)	Begin Reading:	2.79	Time:	10:48	End Reading:	2.80	Time:	1:00
Redox (mV)	Begin Reading:	285	Time:	10:48	End Reading:	271	Time:	1:00
Iron (mg/L)	Fe (II):	<.50	Time:	1:05	Fe (Total):	<.50	Time:	1:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:48 am	20.29	259	6.83	200
11:07	20.15	215	6.42	117
11:14	20.11	202	6.42	78.2
11:22	20.22	194	*	54.6
11:31	20.25	185	* 6.73	46.5
11:39	20.30	178	*	44.2
11:46	20.24	172	6.96	39.1
11:55	20.20	170	6.40	30.9
12:02 pm	20.35	167	6.26	35.6
12:09	20.46	165	6.20	37.4
12:16	20.47	165	6.20	34.0
12:23	20.43	162	6.09	34.8
12:30	20.44	162	6.06	36.8
12:37	20.41	159	6.01	36.4
12:45	20.40	155	5.99	42.3
12:52	20.45	152	6.00	41.7
12:59	20.40	152	6.00	43.2

Comments: Sampled @ 1:02 pm * See notes on pages 66 & 67.

Verified by: [signature] Date: 10-29-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker / Reggie Robinson

Date: 10/25/02 Well No.: CMT4-5 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
29.29'	48'	cloudy 60's	N/A	4.75

Disolved Oxygen (mg/L)	Begin Reading:	2.43	Time:	1:37	End Reading:	3.05	Time:	3:37
Redox (mV)	Begin Reading:	162	Time:	1:37	End Reading:	145	Time:	3:37
Iron (mg/L)	Fe (II):	6.50	Time:	3:45	Fe (Total):	6.50	Time:	3:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:37 pm	20.46	1007	10.17	42.4
1:42	20.44	622	10.27	89.6
1:48	20.42	505	10.31	142
1:55	20.42	414	10.36	142
2:03	20.45	342	10.15	121
2:11	20.36	309	10.21	109
2:18	20.35	282	9.92	83.8
2:24	20.40	273	9.96	92.1
2:31	20.36	265	9.79	71.0
2:38	20.31	260	9.81	66.0
2:45	20.27	258	9.77	62.2
2:51	20.30	255	9.71	57.1
2:58	20.44	255	9.60	54.9
3:04	20.55	252	9.59	50.8
3:10	20.43	250	9.41	46.9
3:18	20.40	252	9.45	47.2
3:25	20.41	251	9.29	41.3
3:32	20.47	252	9.40	40.0

Comments:

cont on page 70

Verified by: KDixon Date: 10-29-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/25/02 Well No.: CMT 4-5 Sampling Method: ~~Bladder Pump~~ Geopumps

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
29.29'	48'	cloudy 60's	N/A	4.75

Disolved Oxygen (mg/L)	Begin Reading:	2.43	Time:	1:37	End Reading:	3.05	Time:	3:37
Redox (mV)	Begin Reading:	162	Time:	1:37	End Reading:	145	Time:	3:37
Iron (mg/L)	Fe (II):	<.50	Time:	3:45	Fe (Total):	<.50	Time:	3:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:37 pm	20.53	252	9.35	39.4

Comments: Sampled @ 3:40pm

Verified by: [illegible] Date: 10-29-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/28/02 Well No.: CMT 4-6 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
~~29.33~~ 29.30'	54'	cloudy 70's	N/A	3.75

Disolved Oxygen (mg/L)	Begin Reading:	3.28	Time:	11:47	End Reading:	2.70	Time:	1:24
Redox (mV)	Begin Reading:	273	Time:	11:47	End Reading:	226	Time:	1:24
Iron (mg/L)	Fe (II):	<.50	Time:	1:30	Fe (Total):	<.50	Time:	1:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:47 am	22.90	262	9.54	8.0
11:54 ↓	22.35	212	9.68	5.4
12:00 pm	22.41	207	9.71	3.6
12:08	22.38	200	9.93	7.0
12:15	22.23	193	9.84	8.7
12:23	22.24	179	9.80	11.9
12:30	22.32	174	9.75	12.4
12:36	22.25	170	9.71	15.7
12:43	22.31	166	9.59	17.4
12:50	22.40	164	9.56	21.1
12:57	22.38	167	9.51	22.5
1:02	22.32	165	9.46	23.1
1:11	22.37	166	9.42	24.5
1:18	22.21	167	9.36	25.8
1:24 ↓	22.26	169	9.31	25.9

Comments: Sampled 1:28 pm

Verified by: K Dixon Date: 10-29-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robison

Date: 10/28/02 Well No.: CMT 4-7 Sampling Method: ~~Bladder Pump~~ Geopump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
29.29'	56'	Cloudy, 70's	N/A	6

Disolved Oxygen (mg/L)	Begin Reading:	2.94	Time:	11:50	End Reading:	2.03	Time:	2:56
Redox (mV)	Begin Reading:	299	Time:	11:50	End Reading:	250	Time:	2:56
Iron (mg/L)	Fe (II):	<.50	Time:	3:00	Fe (Total):	<.50	Time:	3:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:50 am	22.97	273	7.45	>440
11:57 ↓	22.55	290	7.40	189
12:05 pm	22.32	295	7.21	85.6
12:13	22.35	300	*	93.9
12:20	*			91.4
12:30	*			89.1
12:38	*			87.5
12:46	*			71.1
12:54	*			69.6
1:02	*			43.6
1:11	*			37.4
1:21	*			29.9
1:28	22.14	136	7.48	25.3
1:39	22.12	139	7.10	20.8
1:48	22.15	137	7.05	160
1:55	22.15	140	6.86	50.2
2:03	22.15	141	6.72	26.5
2:10 ↓	22.28	142	6.63	22.4

Comments: * Stopped readings due to pH influence from well CMT 4-6. Wells 4-6 + 4-7 were purged at the same time / Cont on page 73

Verified by: [signature] Date: 10-29-02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Babikson

Date: 10/28/02 Well No.: CMT4-7 Sampling Method: ~~Bladder Pump~~ 6 pumps

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
29.29'	56'	cloudy 70's	N/A	6

Disolved Oxygen (mg/L)	Begin Reading:	2.94	Time:	11:50	End Reading:	2.03	Time:	2:56
Redox (mV)	Begin Reading:	299	Time:	11:50	End Reading:	250	Time:	2:56
Iron (mg/L)	Fe (II):	<.50	Time:	3:00	Fe (Total):	<.50	Time:	3:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:18 pm	22.38	140	6.59	17.5
2:26	22.27	144	6.57	16.3
2:34	22.26	143	6.52	14.6
2:40	22.24	147	6.51	12.7
2:49	22.21	150	6.49	11.7
2:56	22.23	149	6.46	11.8

Comments: Sampled @ 2:58 pm

Verified by: [illegible] Date: 10.29.02

TTL, Inc.
October 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 10/25/02 Well No.: CMT4-1 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
Dry	26'	cloudy 605		

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 was dry.

Verified by: K. Dixon Date: 10.29.02

TTL, Inc.
October 2002
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:	Total Depth of Well:	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:

Verified by: Date: