JULY 2002 STATUS REPORT

COLISEUM BOULEVARD PLUME INVESTIGATION

DEPARTMENT OF TRANSPORTATION

September 3, 2002

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

July 2002
Status Report

Water Level Measurements

- July 17 and 18, 2002: Depths to ground-water were measured in piezometers and monitoring wells associated with the Coliseum Boulevard Plume Investigation. Ground-water elevations on July 17 and 18, 2002 are provided in Tables 1a through 1e. Ground-water elevations on July 17 and 18, 2002 in the 100-series "shallow zone" monitoring wells and piezometers are shown on Plate 1. Ground-water elevations in the 200-series "shallow zone" monitoring wells are shown on Plate 2. The locations of the monitoring wells and piezometers are shown on Figure 1.

Surface Water Sampling

- July 11, 2002: Surface water samples were collected along the main and west branches of the Kilby Ditch. Locations from which the surface water samples were collected are shown on Figure 2. The surface water samples were analyzed for VOCs (volatile organic compounds). Results of these analyses are provided in Table 2. On July 11, 2002, samples were collected and analyzed from 10 of the 17 surface water sample locations (SW-2A, SW-2B, SW-3, SW-5, SW-8, and SW-9 through SW-13). Surface water sample locations SW-1, SW-4, SW-6, SW-7, and SW-14 were dry on July 11, 2002. Surface water samples were not collected from storm sewer manhole SW-16 because there was insufficient water within the pipe. Surface water samples could not be collected from storm sewer manhole SW-15 because a car was parked over the manhole. The laboratory reports for the analyses of the surface-water samples are provided on the attached compact disc – recordable (CD-R).

Water Treatment

- July 11, 18, and 22, 2002: Water accumulated during decontamination of equipment and purging and sampling of monitoring wells during the month of July 2002, was treated through a liquid-phase carbon filter treatment system at the ALDOT staging area. A total of 1,766 gallons of water were treated (see Table 3). The treated water was discharged into the sanitary sewer at the staging area. Samples were collected on July 11, 18, and 22, 2002, 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 are provided on Table 3. Laboratory reports of the analytical results for samples collected through the month of July 2002 are on the attached CD-R.

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

- July 22 – 25, 2002: On July 22 through July 25, 2002, ground-water samples were collected from six of the seven ports (ports 1, 2, 3, 5, 6, and 7) of CMT Well #1 and six of the seven ports (ports 2, 3, 4, 5, 6, and 7) of CMT Well #2. A ground-water sample was not collected from CMT Well #1, port 4 or CMT Well #2, port 1 because there was insufficient water. Prior to the collection of the ground-water samples, the depth to water in each port was measured (see Table 4). After measuring depths to water, each port was purged using a peristaltic pump until field parameters (pH, conductivity, and turbidity) stabilized. Temperature and oxidation-reduction potential [redox (ORP)] were also measured in the field. A total of approximately 2 gallons of water were removed from each CMT port 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 each CMT well, and 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. Ground-water samples also were analyzed in the field for ferrous [Fe (II)] and total iron using a CHEMetrics VVR Photometer®. Results for VOCs in the ground-water samples collected from the CMT wells are provided on Table 5. The results for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous and total iron, methane, ethane, and ethene are provided in Table 6. Laboratory reports of these analyses and copies of CMT well sampling forms are provided on the attached CD-R.

Sampling of Monitoring Wells (Addendum 06 Work Plan)

- July 8 - 22, 2002: The second quarterly sampling event of all monitoring wells associated with the Coliseum Boulevard Plume Investigation was conducted between July 8 and 22, 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 analyzed for ferrous and total iron in the field using a CHEMetrics VVR photometer®. Ground-water samples also were collected from monitoring wells MW 112, MW 113, MW 125, MW 210, and MW 225 and shipped to **TTL**'s laboratory to be analyzed for total iron for quality assurance/quality control. Results of the analyses for the VOCs in ground-water samples collected from the monitoring wells are provided in Table 7. Concentrations of total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous and total iron, methane, ethane, and ethene are provided in Table 8. The concentrations of VOCs in ground-water samples from the monitoring wells are shown on Figure 1. Laboratory reports of the analyses of the ground-water samples collected during the month of July 2002 are provided on the attached CD-R.

  Prior to sample collection, the monitoring wells were purged using a bladder pump until field parameters (pH, conductivity, and turbidity) stabilized. Temperature and redox (ORP) were also measured in the field. Field sampling forms of the field parameter measurements during purging of the monitoring wells in the month of July 2002 are provided on the attached CD-R.

- July 9, 11, 12, and 16 – 19, 2002: Ground-water samples were collected from 13 monitoring wells (MW 2A, MW 3A, MW 106, MW 107, MW 130, MW 131, MW 206, MW 207, MW 223, MW 225, MW 228, MW 230, MW 231) near or within the Probehole 12 Area, and analyzed for total organic carbon (TOC). Results of these analyses are provided in Table 9. Laboratory reports of the results of the analyses for TOC in the ground-water samples are provided on the attached CD-R.

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

- During the weeks of June 3 and June 17, 2002, samples of soil vapor were collected about 2.5 feet below land surface (BLS) from 30 locations, samples of air from crawl spaces beneath 11 homes with conventional foundations, and samples of ambient air from 29 locations were collected using summa canisters equipped with 24-hour flow controllers. Additionally 2 breathing zone samples and 16 background (Wind Rose) samples were collected. The samples were analyzed by York Analytical Laboratory. Results are tabulated in Table 10 and analytical reports are included on the attached CD-R. Additionally, 10 split samples were shipped to Air Toxics Laboratory. A comparison of the results of split samples between the two laboratories is in Table 11. Laboratory reports from York Analytical and Air Toxics are on the attached CD-R.

Quality Assurance/Quality Control

- During field activities in July 2002, quality assurance/quality control measures were performed. Randomly selected duplicate ground-water samples were collected from monitoring wells MW 123, MW 125, MW 128, MW 133, MW 205, MW 210, and MW 222, 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 7 and 8). Equipment rinse samples were collected and trip blank samples accompanied water samples that were submitted for analyses for VOCs. Results of the analyses for VOCs in the rinse and trip blank samples are provided in Table 12. Laboratory reports of the analyses are provided on the attached CD-R.

TABLES

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

	Well Identifier (ALDOT Central Complex)									
	ALDOT MW1	ALDOT MW2	ALDOT MW3	ALDOT MW4	ALDOT MW5	ALDOT MW6	ALDOT MW7	ALDOT MW8	ALDOT MW9	
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)									
8/9/01	196.33	196.54	196.24	196.04	195.79	195.63	195.96	196.43	196.37	
9/7/01	196.31	196.43	196.17	195.99	195.78	195.72	195.74	196.47	196.34	
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	
12/3/01	195.32	195.39	195.20	195.01	194.86	195.25	194.95	195.52	195.33	
12/14/01	NM[2]	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	

Note:

[1] Feet above mean sea level

[2] NM - Not measured

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

	Well Identifier (Piezometers)									
	PZ1	PZ2	PZ3	PZ4	PZ5	PZ7	PZ8	PZ9	PZ10	PZ11
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)									
8/9/01	196.56	197.43	196.35	190.83	NM[2]	196.54	199.08	194.15	195.44	190.45
8/24/01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
9/7/01	196.56	196.35	196.50	190.84	196.18	196.19	195.64	193.63	195.28	190.08
9/20/01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
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	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
12/3/01	---[3]	191.50	195.49	188.28	194.62	194.69		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

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

	Well Identifier (Piezometers) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	PZ12	PZ13	PZ14	PZ15	PZ16	PZ17				
	212.26	207.95	204.54	220.37	193.44	203.95				
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
8/9/01	196.68	198.52	196.56	183.66	187.24	NI[4]				
8/24/01	NM	NM	NM	NM	187.17	NI				
9/7/01	196.12	198.35	196.03	183.41	187.09	NI				
9/20/01	NM	NM	NM	NM	186.95	NI				
10/3/01	195.26	195.00	195.19	183.12	186.78	NI				
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	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				

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

	Well Identifier (Piezometers) - Continued									
	PD1	PD2	PD3	PD4	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)									
8/9/01	195.98	195.60	192.37	194.16	193.41	195.54	Dry	189.85	190.51	182.96
8/15/01	NM	NM	192.78[5]	194.44[5]	193.70[5]	199.44[5]	NM	188.97[5]	190.85[5]	NM
8/21/01	---[6]	195.56[7]	192.42[7]	194.17[7]	193.61[7]	195.70[7]	193.59[7]	188.81[7]	188.05[7]	185.10[7]
8/24/01	195.91	195.55	192.39	194.15	193.40	192.53	193.51	188.85	190.48	185.12
9/7/01	195.79	195.45	192.27	193.95	193.48	192.48	193.54	188.86	190.60	185.29
9/20/01	195.62	195.28	192.14	193.92	193.24	192.29	193.14	188.87	190.36	185.13
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
12/3/2001	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	----[8]	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

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Table 1b. Ground-water elevations in piezometers during the last 12 month period; July 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)									
8/9/01	194.93	195.38	Dry							
8/15/01	188.13[6]	191.03[6]	NM							
8/21/01	188.03[8]	190.78[8]	Dry							
8/24/01	188.05	191.08	Dry							
9/7/01	194.76	NM	Dry							
9/20/01	194.52	NM	Dry							
10/3/01	188.03	Abandoned	Dry							
10/15/01	193.88		Dry							
10/31/01	188.01		Dry							
12/3/01	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							

Note:

[1] Feet above mean sea level

[2] NM - Not measured

[3] PZ1 was not measured on 12/3/01 because a car was parked over the piezometer.

[4] NI - Not installed. PZ17 was installed on May 30, 2002.

[5] Swabbed prior to measuring depth to water.

[6] Mini troll data logger in piezometer.

[7] Measured during coffer dam study.

[8] The depth to water was not measured at PD-2 on 2/26/02 due to mud covering the tip of the measuring probe.

Table 1c. Ground-water elevations in Alfa monitoring wells during the last 12 month period; July 2002 Status Report; Coliseum Blvd. Plume Investigation; Montgomery, Alabama.

	Well Identifier (Alfa Monitoring Wells Vista View Development)									
Elevation of Measuring Point (ft. AMSL)[1]	Alfa MW-1	Alfa MW-2	Alfa MW-3	Alfa MW-4	Alfa MW-5					
	213.53	206.01	209.67	213.18	203.42					
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
8/9/01	195.43	NM[2]	196.52	195.44	187.19					
8/21/01	195.43[3]	NM	NM	NM	NM					
8/24/01	NM	NM	194.97	NM	184.77					
9/4/01	NM	NM	198.27	NM	187.05					
9/7/01	NM	194.21	NM	195.38	186.93					
9/20/01	NM	NM	194.71	NM	186.82					
10/3/01	195.08	193.67	195.87	203.14	186.70					
10/15/01	NM	NM	NM	NM	186.72					
10/31/01	195.27	196.37	194.41	194.88	186.84					
12/3/2001	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					

Note:

[1] Feet above mean sea level

[2] NM - Not measured

[3] Measured during coffer dam study.

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

	Well Identifier (Monitoring Wells Kilby Ditch)									
	MW 101	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)									
8/9/01	194.18	194.10	190.70	190.49	192.96	192.77	194.21	194.28	193.57	194.45
8/15/01[2]	194.28	194.19	NM[3]	NM	NM	NM	NM	NM	NM	NM
8/21/01[4]	194.22	194.14	190.64	190.41	193.02	192.88	194.26	194.31	193.58	194.18
8/24/01	194.16	194.08	190.69	190.39	192.94	192.76	194.20	194.26	193.58	194.13
9/7/01	194.09	193.98	190.65	192.34	192.69	192.57	194.11	194.18	NM	197.21
9/20/01	193.96	193.89	190.48	190.23	192.50	192.43	194.05	194.04	NM	197.12
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
12/3/2001	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

Note:

[1] Feet above mean sea level

[2] Swabbed prior to measuring depth to water.

[3] NM - Not measured

[4] Measured during coffer dam study.

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; July 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	MW304	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)									
8/9/01	NI[2]	NI	195.46	NI	NI	NI	NI	NI	NI	
9/7/01	NI	NI	195.45	NI	NI	NI	NI	NI	NI	
10/3/01	NI	NI	195.22	NI	NI	NI	NI	NI	NI	
10/31/01	NI	NI	194.94	NI	NI	NI	NI	NI	NI	
12/3/2001	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	

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Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; July 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)									
8/9/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
9/7/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
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
12/3/2001	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

Continued on next page

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; July 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	MW 213	MW 214	MW 214A	MW 115	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)									
8/9/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
9/7/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
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
12/3/2001	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

Continued on next page

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; July 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)									
8/9/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	
9/7/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	
10/3/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	
10/31/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	
12/3/2001	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[3]	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	193.06	166.82	193.86	192.76	193.56	193.46	

Continued on next page

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; July 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)									
8/9/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
9/7/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
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
12/3/2001	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

Continued on next page

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; July 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	MW 230	MW 131	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)									
8/9/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
9/7/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
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
12/3/2001	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

Note:

[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 were not installed prior to December 27, 2001. Monitoring well MW 311 was not installed until February 25, 2002.

[3] NM - Not measured

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

Table 2. Results of analyses[1] of surface-water samples; July 2002 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 2.]

	SAMPLE SITE																			
	SW-1*	SW-2*	SW-2A*	SW-2B*	SW-3**	SW-4*	SW-5*	SW-5A*	SW-5B**	SW-6**	SW-7**	SW-8**	SW-9**	SW-10**	SW-11**	SW-12	SW-13	SW-14	SW-15***	SW-16****
	Concentrations are expressed in micrograms/liter																			
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
July 24, 2000 (No storm events several days prior to sampling)																				
Trichloroethylene	NS[3]	15	----	----	10.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Vinyl Chloride	NS	ND[4]	----	----	ND	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
cis,1,2-Dichloroethene	NS	2.5	----	----	2.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chloroform	NS	3.2	----	----	ND	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Toluene	NS	13.4	----	----	ND	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
August 2, 2000 (Storm event during sampling)																				
Trichloroethylene	ND	ND	----	----	ND	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
August 11, 2000 (Storm event prior evening - August 10, 2000)																				
Trichloroethylene	ND	ND	----	----	2.1	ND	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Vinyl Chloride	ND	ND	----	----	ND	ND	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Toluene	ND	1.1	----	----	ND	ND	----	----	----	----	----	----	----	----	----	----	----	----	----	----
September 18, 2000																				
Trichloroethylene	NS	ND	----	----	2.1	NS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Vinyl Chloride	NS	ND	----	----	ND	ND	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chloroform	NS	41.6	----	----	10.3	NS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Bromodichloromethane	NS	6.2	----	----	1.8	NS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Dibromochloromethane	NS	1.5	----	----	ND	NS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
November 9, 2000 (Storm event during sampling)																				
Trichloroethylene	ND	ND	----	----	ND	ND	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Vinyl Chloride	ND	ND	----	----	ND	ND	----	----	----	----	----	----	----	----	----	----	----	----	----	----
December 15, 2000																				
Trichloroethylene	ND	ND	----	----	8.1	ND	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Vinyl Chloride	ND	ND	----	----	ND	ND	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Toluene	ND	2.5	----	----	ND	ND	----	----	----	----	----	----	----	----	----	----	----	----	----	----
January 31, 2001																				
Trichloroethylene	ND	34.5	----	----	17.4	ND	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Vinyl Chloride	ND	ND	----	----	ND	ND	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chloroform	ND	1.3	----	----	ND	ND	----	----	----	----	----	----	----	----	----	----	----	----	----	----
February 27, 2001																				
Trichloroethylene	ND	100	----	----	21.1	ND	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Vinyl Chloride	ND	ND	----	----	ND	ND	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1,1-Dichloroethene	ND	1.1	----	----	ND	ND	----	----	----	----	----	----	----	----	----	----	----	----	----	----
cis,1,2-Dichloroethene	ND	1.5	----	----	1.4	ND	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chloroform	ND	1.2	----	----	ND	ND	----	----	----	----	----	----	----	----	----	----	----	----	----	----
March 30, 2001																				
Trichloroethylene	ND	156	----	----	68.0	ND	157	----	----	ND	ND	51.9	33.8	19.7	18.3	ND	3.4	----	----	----
Vinyl Chloride	ND	ND	----	----	ND	ND	ND	----	----	ND	ND	ND	ND	ND	ND	ND	ND	----	----	----
1,1-Dichloroethene	ND	2.0	----	----	ND	ND	1.1	----	----	ND	ND	ND	ND	ND	ND	ND	ND	----	----	----
cis,1,2-Dichloroethene	ND	ND	----	----	ND	ND	ND	----	----	ND	ND	1.0	ND	ND	ND	ND	ND	----	----	----

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Table 2. Results of analyses[1] of surface-water samples; July 2002 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 2.]

	SAMPLE SITE																			
	SW-1*	SW-2*	SW-2A*	SW-2B*	SW-3**	SW-4*	SW-5*	SW-5A*	SW-5B**	SW-6**	SW-7**	SW-8**	SW-9**	SW-10**	SW-11**	SW-12	SW-13	SW-14	SW-15***	SW-16****
	Concentrations are expressed in micrograms/liter																			
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
April 26, 2001																				
Trichloroethylene	ND	156	----	----	66.6	NS	88.8	----	----	NS	NS	46.4	21.9	16.7	15.7	1.8	ND	----	----	----
Vinyl Chloride	ND	ND	----	----	ND	NS	ND	----	----	NS	NS	ND	ND	ND	ND	ND	ND	----	----	----
1,1-Dichloroethene	ND	2.0	----	----	ND	NS	1.0	----	----	NS	NS	ND	ND	ND	ND	ND	ND	----	----	----
cis,1,2-Dichloroethene	ND	ND	----	----	ND	NS	ND	----	----	NS	NS	1.5	ND	ND	ND	ND	ND	----	----	----
May 25, 2001																				
Trichloroethylene	ND	140	----	----	24.3	ND	95.5	----	----	ND	ND	23.8	31.6	21.7	21.3	1.4	ND	----	----	----
Vinyl Chloride	ND	ND	----	----	ND	ND	ND	----	----	ND	ND	ND	ND	ND	ND	ND	ND	----	----	----
1,1-Dichloroethene	ND	1.6	----	----	ND	ND	ND	----	----	ND	ND	ND	ND	ND	ND	ND	ND	----	----	----
cis,1,2-Dichloroethene	ND	ND	----	----	ND	ND	1.1	----	----	ND	ND	ND	1.0	ND	ND	ND	ND	----	----	----
June 7, 2001																				
Trichloroethylene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	21.4	----	----
Vinyl Chloride	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	ND	----	----
June 21, 2001																				
Trichloroethylene	ND	118	----	----	39.6	ND	87.9	----	----	ND	ND	19.4	15.6	9.8	10.5	1.1	ND	14.8	----	----
Vinyl Chloride	ND	ND	----	----	ND	ND	ND	----	----	ND	ND	ND	ND	ND	ND	ND	ND	ND	----	----
Chloromethane	ND	ND	----	----	ND	ND	ND	----	----	ND	ND	ND	ND	ND	1.0	ND	ND	ND	----	----
1,1-Dichloroethene	ND	1.2	----	----	ND	ND	ND	----	----	ND	ND	ND	ND	ND	ND	ND	ND	ND	----	----
cis,1,2-Dichloroethene	ND	ND	----	----	ND	ND	1.2	----	----	ND	ND	ND	ND	ND	ND	ND	ND	ND	----	----
Chloroform	ND	3.4	----	----	ND	ND	ND	----	----	ND	ND	ND	ND	ND	ND	ND	ND	ND	----	----
July 24, 2001																				
Trichloroethylene	ND	154	----	----	46.0	NS	68.2	----	----	NS	NS	25.4	15.1	5.9	6.3	ND	ND	12.0	----	----
Vinyl Chloride	ND	ND	----	----	ND	NS	ND	----	----	NS	NS	ND	ND	ND	ND	ND	ND	ND	----	----
1,1-Dichloroethene	ND	1.5	----	----	ND	NS	ND	----	----	NS	NS	ND	ND	ND	ND	ND	ND	ND	----	----
cis,1,2-Dichloroethene	ND	ND	----	----	ND	NS	1.0	----	----	NS	NS	1.3	1.0	ND	ND	ND	ND	ND	----	----
August 17, 2001																				
Trichloroethylene	ND	191	----	----	39.9	NS	66.6	----	----	NS	ND	18.4	6.0	5.6	7.0	ND	ND	6.4	----	----
Vinyl Chloride	ND	ND	----	----	ND	NS	ND	----	----	NS	ND	ND	ND	ND	ND	ND	ND	ND	----	----
1,1-Dichloroethene	ND	1.2	----	----	ND	NS	1.7	----	----	NS	ND	ND	ND	ND	ND	ND	ND	ND	----	----
August 22, 2001 (3:30 p.m.)																				
Trichloroethylene	----	----	87.3	195	----	----	63.3	----	----	----	----	----	----	----	----	----	----	10.2	227	295
Vinyl Chloride	----	----	1.8	ND	----	----	ND	----	----	----	----	----	----	----	----	----	----	ND	ND	ND
1,1-Dichloroethene	----	----	ND	2.4	----	----	ND	----	----	----	----	----	----	----	----	----	----	ND	5.6	3.4
cis,1,2-Dichloroethene	----	----	9.1	ND	----	----	1.4	----	----	----	----	----	----	----	----	----	----	ND	ND	ND
Chloroform	----	----	ND	ND	----	----	ND	----	----	----	----	----	----	----	----	----	----	1.3	ND	ND

Continued on next page

Table 2. Results of analyses[1] of surface-water samples; July 2002 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 2.]

	SAMPLE SITE																			
	SW-1*	SW-2*	SW-2A*	SW-2B*	SW-3**	SW-4*	SW-5*	SW-5A*	SW-5B**	SW-6**	SW-7**	SW-8**	SW-9**	SW-10**	SW-11**	SW-12	SW-13	SW-14	SW-15***	SW-16****
	Concentrations are expressed in micrograms/liter																			
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
August 22, 2001 (9:55 p.m.)																				
Trichloroethylene	----	----	143	174	----	----	69.3	----	----	----	----	----	----	----	----	----	----	9.4	222	300
Chloromethane	----	----	1.2	ND	----	----	2.3	----	----	----	----	----	----	----	----	----	----	ND	ND	ND
Vinyl Chloride	----	----	2.9	ND	----	----	ND	----	----	----	----	----	----	----	----	----	----	ND	ND	ND
1,1-Dichloroethene	----	----	1.5	2.1	----	----	ND	----	----	----	----	----	----	----	----	----	----	ND	5.9	3.6
cis,1,2-Dichloroethene	----	----	16.8	ND	----	----	1.5	----	----	----	----	----	----	----	----	----	----	ND	ND	ND
Chloroform	----	----	ND	ND	----	----	ND	----	----	----	----	----	----	----	----	----	----	1.3	ND	ND
August 23, 2001 (8:30 a.m.)[5]																				
Trichloroethylene	----	----	116	146	----	----	----	62.3	ND	----	----	----	----	----	----	----	----	9.8	212	252
Chloromethane	----	----	ND	ND	----	----	----	1.5	ND	----	----	----	----	----	----	----	----	ND	ND	ND
Vinyl Chloride	----	----	2.8	ND	----	----	----	ND	ND	----	----	----	----	----	----	----	----	ND	ND	ND
1,1-Dichloroethene	----	----	1.2	1.6	----	----	----	ND	ND	----	----	----	----	----	----	----	----	ND	6.3	3.1
cis,1,2-Dichloroethene	----	----	13.8	ND	----	----	----	1.3	ND	----	----	----	----	----	----	----	----	ND	ND	ND
Chloroform	----	----	ND	ND	----	----	----	ND	ND	----	----	----	----	----	----	----	----	1.2	ND	ND
September 20, 2001[6]																				
Trichloroethylene	ND	----	88.3	156	33.0	ND	69.2	----	----	ND	ND	23.0	21.0	7.0	10.5	ND	ND	6.2	----	----
Chloromethane	ND	----	ND	ND	ND	ND	ND	----	----	ND	ND	ND	ND	ND	ND	ND	ND	ND	----	----
Vinyl Chloride	ND	----	1.6	ND	ND	ND	ND	----	----	ND	ND	ND	ND	ND	ND	ND	ND	ND	----	----
Chloroethane	ND	----	ND	ND	ND	ND	ND	----	----	ND	ND	ND	ND	ND	ND	ND	ND	ND	----	----
1,1-Dichloroethene	ND	----	ND	1.5	ND	ND	ND	----	----	ND	ND	ND	ND	ND	ND	ND	ND	ND	----	----
cis,1,2-Dichloroethene	ND	----	8.4	ND	ND	ND	1.2	----	----	ND	ND	ND	1.4	ND	ND	ND	ND	ND	----	----
Chloroform	ND	----	1.6	3.4	1.6	ND	1.5	----	----	ND	ND	3.3	ND	ND	ND	ND	ND	ND	----	----
September 28, 2001																				
Trichloroethylene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	160	225
Vinyl Chloride	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	ND	ND
1,1-Dichloroethene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3.5	2.4
cis,1,2-Dichloroethene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	ND	1.7
Chloroform	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	ND	ND
October 10, 2001																				
Trichloroethylene	NS	----	87.2	115	19.9	NS	49.3	----	----	NS	NS	17.2	4.6	3.0	8.7	ND	ND	5.8	171	233
Vinyl Chloride	NS	----	ND	ND	ND	NS	ND	----	----	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	NS	----	ND	ND	ND	NS	ND	----	----	NS	NS	ND	ND	ND	ND	ND	ND	ND	2.4	2.0
cis,1,2-Dichloroethene	NS	----	5.6	ND	ND	NS	ND	----	----	NS	NS	1.5	ND	ND	ND	ND	ND	ND	ND	ND
November 8, 2001																				
Trichloroethylene	NS	----	106	130	39.2	NS	91.8	----	----	ND	ND	33.5	16.7	9.0	14.2	ND	ND	NS	NS[7]	190
Vinyl Chloride	NS	----	ND	ND	ND	NS	ND	----	----	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS[7]	ND
1,1-Dichloroethene	NS	----	1.0	1.1	ND	NS	ND	----	----	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS[7]	1.8
cis,1,2-Dichloroethene	NS	----	5.7	ND	ND	NS	1.5	----	----	ND	ND	1.5	1.0	ND	ND	ND	ND	NS	NS[7]	ND

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Table 2. Results of analyses[1] of surface-water samples; July 2002 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 2.]

	SAMPLE SITE																			
	SW-1*	SW-2*	SW-2A*	SW-2B*	SW-3**	SW-4*	SW-5*	SW-5A*	SW-5B**	SW-6**	SW-7**	SW-8**	SW-9**	SW-10**	SW-11**	SW-12	SW-13	SW-14	SW-15***	SW-16****
	Concentrations are expressed in micrograms/liter																			
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
December 4, 2001																				
Trichloroethylene	ND	----	107	27.5	37.3	ND	79.0	----	----	NS	NS	21.0	8.7J[8]	ND	ND	ND	ND	NS	366	NS[9]
Vinyl Chloride	ND	----	ND	ND	ND	ND	ND	----	----	NS	NS	ND	ND	ND	ND	ND	ND	NS	ND	NS[9]
1,1-Dichloroethene	ND	----	ND	ND	ND	ND	ND	----	----	NS	NS	ND	ND	ND	ND	ND	ND	NS	2.4J	NS[9]
cis,1,2-Dichloroethene	ND	----	1.1J[8]	2.1J	ND	ND	1.4J	----	----	NS	NS	1.5J	ND	ND	ND	ND	ND	NS	2.8J	NS[9]
Chloroform	ND	----	ND	1.7J	ND	ND	ND	----	----	NS	NS	ND	ND	ND	ND	ND	ND	NS	ND	NS[9]
January 7, 2002																				
Trichloroethylene	ND	----	28.6	30.1	47.5	ND	14.4J	----	----	ND	ND	8.6J	8.5J	4.8J	4.6J	ND	ND	22.3	229	48.3
Vinyl Chloride	ND	----	ND	ND	ND	ND	ND	----	----	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	----	ND	ND	ND	ND	ND	----	----	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.2J	ND
February 13, 2002																				
Trichloroethylene	ND	----	226	158	82.6	ND	129	----	----	NS	NS	42.9	9.1J	5.9J	14.0J	ND	ND	6.4J	195	311
Vinyl Chloride	ND	----	ND	ND	ND	ND	ND	----	----	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	----	2.3J	2.1J	ND	ND	ND	----	----	NS	NS	ND	ND	ND	ND	ND	ND	ND	3.1J	4.0J
cis,1,2-Dichloroethene	ND	----	ND	7.1J	ND	ND	1.2J	----	----	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	----	ND	ND	ND	ND	ND	----	----	NS	NS	ND	ND	ND	ND	ND	ND	6.3J	ND	ND
March 19, 2002																				
Trichloroethylene	ND	----	27.3	182	66.2	ND	102	----	----	NS	NS	47.7	26.3	11.0J	10.6J	ND	ND	6.4J	NS[7]	200
Vinyl Chloride	ND	----	ND	ND	ND	ND	ND	----	----	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS[7]	ND
1,1-Dichloroethene	ND	----	ND	2.9J	ND	ND	ND	----	----	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS[7]	3.0J
cis,1,2-Dichloroethene	ND	----	2.2J	2.5J	1.2J	ND	1.7J	----	----	NS	NS	1.3J	1.2J	ND	ND	ND	ND	ND	NS[7]	1.3J
Chloroform	ND	----	2.2J	ND	ND	ND	ND	----	----	NS	NS	ND	ND	ND	ND	ND	ND	2.1J	NS[7]	ND
April 19, 2002																				
Trichloroethylene	ND	----	156	40.5	64.1	NS	89.8	----	----	NS	NS	ND	ND	ND	ND	ND	ND	7.7J	145	138
Vinyl Chloride	ND	----	ND	ND	ND	NS	ND	----	----	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	----	2.2J	4.0J	ND	NS	ND	----	----	NS	NS	ND	ND	ND	ND	ND	ND	ND	5.0J	4.0J
cis,1,2-Dichloroethene	ND	----	ND	2.7J	1.4J	NS	2.0J	----	----	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	----	ND	1.4J	ND	NS	ND	----	----	NS	NS	ND	ND	ND	ND	ND	ND	1.4J	ND	ND
May 20, 2002																				
Trichloroethylene	ND	----	105	35.9	28.3	NS	42.3	----	----	NS	ND	13.6J	12.1J	4.9J	7.5J	ND	ND	6.7J	193	178
Vinyl Chloride	ND	----	ND	ND	ND	NS	ND	----	----	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	----	1.4J	ND	ND	NS	ND	----	----	NS	ND	ND	ND	ND	ND	ND	ND	ND	4.2J	2.5J
cis,1,2-Dichloroethene	ND	----	1.8J	3.8J	1.1J	NS	1.6J	----	----	NS	ND	1.3J	1.5J	ND	ND	ND	ND	ND	ND	1.8J
Chloroform	ND	----	ND	ND	ND	NS	ND	----	----	NS	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND
June 13, 2002																				
Trichloroethylene	NS	----	111	45.6	7.5J	NS	47.5	----	----	ND	ND	8.5J	8.6J	3.1J	6.7J	ND	ND	NS	175	NS[10]
Vinyl Chloride	NS	----	ND	ND	ND	NS	ND	----	----	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NS[10]
1,1-Dichloroethene	NS	----	1.4J	ND	ND	NS	ND	----	----	ND	ND	ND	ND	ND	ND	ND	ND	NS	3.3J	NS[10]
cis,1,2-Dichloroethene	NS	----	1.1J	4.7J	ND	NS	3.5J	----	----	ND	ND	1.6J	1.6J	ND	ND	ND	ND	NS	ND	NS[10]
Chloroform	NS	----	ND	1.1J	1.0J	NS	2.9J	----	----	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NS[10]

Continued on next page

Table 2. Results of analyses[1] of surface-water samples; July 2002 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 2.]

	SAMPLE SITE																			
	SW-1*	SW-2*	SW-2A*	SW-2B*	SW-3**	SW-4*	SW-5*	SW-5A*	SW-5B**	SW-6**	SW-7**	SW-8**	SW-9**	SW-10**	SW-11**	SW-12	SW-13	SW-14	SW-15***	SW-16****
	Concentrations are expressed in micrograms/liter																			
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
July 11, 2002																				
Trichloroethylene	NS	----	96.8	43.5	22.4	NS	3.6J	----	----	NS	NS	3.8J	1.8J	ND	17.4J	ND	ND	NS	NS[7]	NS[9]
Vinyl Chloride	NS	----	ND	ND	ND	NS	ND	----	----	NS	NS	ND	ND	ND	ND	ND	ND	NS	NS[7]	NS[9]
1,1-Dichloroethene	NS	----	1.0J	ND	ND	NS	ND	----	----	NS	NS	ND	ND	ND	ND	ND	ND	NS	NS[7]	NS[9]
cis,1,2-Dichloroethene	NS	----	9.8J	2.1J	3.6J	NS	ND	----	----	NS	NS	ND	ND	ND	ND	ND	ND	NS	NS[7]	NS[9]
Chloroform	NS	----	ND	ND	ND	NS	ND	----	----	NS	NS	ND	ND	ND	ND	ND	ND	NS	NS[7]	NS[9]

Notes:

* West Kilby ditch

** Main Kilby ditch

*** Manhole northwest of Pizza Hut

**** Manhole northeast of Pizza Hut

---- 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] NS - Not sampled (sample site was "dry")

[4] ND - Not detected

[5] SW-5 was sampled as SW-5A and SW-5B on August 23, 2001.

[6] 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 and SW-2B) beginning September 20, 2001.

[7] Storm sewer manhole SW-15 was not sampled on November 8, 2001 and July 11, 2002 because the sewer manhole was covered.

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

[9] Storm sewer manhole SW-16 was not sampled on December 4, 2001, June 13, and July 11, 2002 because of insufficient water.

Table 3. Results of analyses[1] and treated volumes of water from the treatment system; July 2002 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama.

Sample Dates	Carbon Filter 1[2]	Carbon Filter 2	Carbon Filter 3	Blanks	Volume Treated (gallons)
	[Concentrations are expressed 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]	
July 11, 2002					
Trichloroethylene	109	NS[4]	ND[5]	ND	535
Chloromethane	1.1J[6]		1.8J	1.7J	
Vinyl Chloride	ND		ND	ND	
Chloroform	ND		ND	ND	
July 18, 2002					
Trichloroethylene	ND	NS	ND	ND	828
Chloromethane	1.7J		2.2J	ND	
Vinyl Chloride	ND		ND	ND	
Chloroform	ND		ND	ND	
July 22, 2002					
Trichloroethylene	ND	NS	ND	ND	403
Chloromethane	1.3J		1.2J	2.0J	
Vinyl Chloride	ND		ND	ND	
Chloroform	ND		ND	ND	
Total Volume Treated - July					**1,766**

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] NS - No sample collected this month.

[5] ND - Not detected

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

Table 4. Ground-water elevations in Continuous Multi-channel Tubing (CMT) wells; July 2002 status report; Coliseum Blvd. Plume; Montgomery, Alabama.

Well Identifier	Elevation of Land Surface[1] (ft. AMSL)[2]	Elevation of Measuring Point[3] (ft. AMSL)	Date of Measurement	Port	Screened Intervals (ft. BLS)[4]	Depth to Water (ft. BMP)[5]	Ground-Water Elevation (ft. AMSL)
CMT 1	219.70	219.50	2/21/02	1	43.1-43.4	24.15	195.35
				2	39.3-39.6	24.15	195.35
				3	35.3-35.6	24.15	195.35
				4	31.6-31.9	20.03[6]	199.46
				5	29.2-29.5	24.15	195.35
				6	47.4-47.7	24.15	195.35
				7	51.45	24.15	195.35
			4/4/02	1	43.1-43.4	23.66	195.84
				2	39.3-39.6	23.80	195.70
			4/5/02	3	35.3-35.6	23.66	195.84
				4	31.6-31.9	---[7]	---
				5	29.2-29.5	23.65	195.85
				6	47.4-47.7	23.66	195.84
				7	51.45	23.66	195.84
			7/22/02	1	43.1-43.4	24.92	194.58
				2	39.3-39.6	24.92	194.58
				3	35.3-35.6	24.92	194.58
				4	31.6-31.9	24.46	195.04
				5	29.2-29.5	24.92	194.58
				6	47.4-47.7	24.92	194.58
				7	51.45	24.92	194.58

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Table 4. Ground-water elevations in Continuous Multi-channel Tubing (CMT) wells; July 2002 status report; Coliseum Blvd. Plume; Montgomery, Alabama.

Well Identifier	Elevation of Land Surface[1] (ft. AMSL)[2]	Elevation of Measuring Point[3] (ft. AMSL)	Date of Measurement	Port	Screened Intervals (ft. BLS)[4]	Depth to Water (ft. BMP)[5]	Ground-Water Elevation (ft. AMSL)
CMT 2	222.18	221.85	2/21/02	1	32.3-32.6	26.70	195.15
				2	40.3-40.6	26.69	195.16
				3	44.3-44.6	26.69	195.16
				4	48.4-48.7	26.67	195.18
				5	52.3-52.6	26.69	195.16
				6	56.1-56.4	26.69	195.16
				7	59.8	8.69[8]	----
			7/24/02	1	32.3-32.6	27.14	194.71
				2	40.3-40.6	27.14	194.71
				3	44.3-44.6	27.14	194.71
				4	48.4-48.7	27.14	194.71
				5	52.3-52.6	27.14	194.71
				6	56.1-56.4	27.14	194.71
				7	59.8	27.14	194.71

Notes:

[1] Elevations of land surface and measuring points were surveyed by Larry E. Speaks & Associates.

[2] Feet above mean sea level

[3] Top of casing

[4] Feet below land surface

[5] Feet below measuring point

[6] A bentonite plug probably surrounds the screen.

[7] CMT Well 1, Port 4 was dry on April 5, 2002.

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

Table 5. Results of analyses for volatile organic compounds[1] (VOCs) detected in ground-water samples from Continuous Multi-channel Tubing (CMT) Wells; July 2002 Status Report; Coliseum Blvd. 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	Bromodichloromethane	Toluene	1,1,2-Trichloroethane	Tetrachloroethylene	Dibromochloromethane
				[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)
	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)
	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)
	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
	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
	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)
	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)
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
	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)
	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)
	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)
	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
	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
	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

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 (5.0 or 10.0) microgram per liter for the laboratory analyses

[3] ND - Not detected

[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; bentonite most likely around port. CMT 1, Port 4 was not sampled on April 5, 2002 due to insufficient water. Both CMT 1, Port 4 and CMT 2, Port 1 were not sampled on July 23 and 24, 2002 because of insufficient water.

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

Table 6. 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; July 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Boring Identifier	Sample Identifier	Sample Date	Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Iron (II)[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 mg/L	4.0 mg/L	3.0 mg/L
CMT 1	Port 1	7/22/2002	220	12.8	ND[5]	ND	155	3.55	6.35	ND	ND	ND
	Port 2	7/23/2002	194	15.3	ND	ND	144	3.75	2.65	ND	ND	ND
	Port 3	7/23/2002	114	17.1	1.41	ND	162	7.75	2.00	ND	ND	ND
	Port 4	7/23/2002	NS[6]	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
	Port 6	7/24/2002	144	11.2	ND	ND	105	8.00	1.85	ND	ND	ND
	Port 7	7/24/2002	43.2	9.62	4.02	ND	29.0	2.20	2.15	ND	ND	ND
CMT 2	Port 1	7/24/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Port 2	7/24/2002	332	5.64	0.55	ND	74.1	1.05	1.05	ND	ND	ND
	Port 3	7/24/2002	72.7	5.58	0.36	ND	258	6.00	5.90	ND	ND	ND
	Port 4	7/25/2002	71.8	10.5	ND	ND	163	11.75	2.40	ND	ND	ND
	Port 5	7/25/2002	132	3.38	ND	ND	ND	5.15	4.95	5.70	ND	ND
	Port 6	7/25/2002	208	4.53	ND	ND	4.02	0.50	0.65	ND	ND	ND
	Port 7	7/25/2002	395	12.2	ND	ND	230	6.55	6.60	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.

Table 7. Results of analyses for volatile organic compounds[1] (VOCs) detected in ground-water samples from monitoring wells; July 2002 Status Report; Coliseum Blvd. 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
		[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]
MW 1A	11/18/1999	952	ND (<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)
	4/11/2002	1,140	ND[3] (<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)
	7/12/2002	1,130	ND	ND	5.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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)
	4/15/2002	14.6J	ND	ND	1.1J	ND	ND	ND	1.2J	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
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)
	4/11/2002	279	ND	ND	6.3J	ND	ND	ND	ND	ND	3.0J	ND	ND	ND	ND
	7/12/2002	167	ND	ND	5.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW 4A	11/17/1999	ND (<5.0)	ND (<10.0)	ND (<2.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
	4/11/2002	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
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)
	4/11/2002	37.6	ND	ND	ND	ND	ND	7.0J	ND	ND	ND	ND	ND	ND	ND
MW 5A dup[5]	4/11/2002	34.6	ND	ND	ND	ND	ND	7.4J	ND	ND	ND	ND	ND	ND	ND
MW 5A	7/12/2002	25.7	1.3J	ND	ND	ND	ND	8.8J	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
	8/1/2001	101	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
	7/10/2002	41.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW 201	5/24/2001	797	ND	ND	4.2	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
	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)
	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)
MW 102	5/23/2002	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
	4/10/2002	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
MW 202	5/23/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5	ND	ND	ND
	8/1/2001	1.1	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
	7/10/2002	1.3J	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Table 7. Results of analyses for volatile organic compounds[1] (VOCs) detected in ground-water samples from monitoring wells; July 2002 Status Report; Coliseum Blvd. 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
		[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]
MW 103	6/7/2001	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
	4/10/2002	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
MW 103	7/10/2002	ND	1.8J	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
	8/2/2001	1,060	ND	ND	5.8	ND	ND	2.4	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)
	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)
MW 104	1/22/2002	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
	7/8/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW 204	11/9/2001	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND	ND
	4/8/2002	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
MW 304	10/29/2001	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
	7/8/2002	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
	11/16/2001	28.7	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
	7/8/2002	19.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW 205	10/31/2001	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND
	4/8/2002	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
MW 205	7/8/2002	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

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Table 7. Results of analyses for volatile organic compounds[1] (VOCs) detected in ground-water samples from monitoring wells; July 2002 Status Report; Coliseum Blvd. 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
		[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]
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
	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)
	7/9/2002	1,900	ND	ND	8.7J	ND	ND	18.2J	ND	ND	ND	ND	ND	ND	ND
MW 206	11/8/2001	1.3	ND	ND	ND	ND	ND	ND	3.6	ND	ND	ND	ND	ND	ND
	4/5/2002	ND	ND	ND	ND	1.7B	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
MW 107	11/16/2001	233	ND	ND	1.3	ND	ND	ND	2.4	ND	ND	ND	ND	ND	ND
	4/4/2002	141	ND	ND	ND	1.8J	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
MW 207	11/16/2001	259	ND	ND	6.0	ND	ND	ND	5.8	ND	ND	ND	1.2	ND	ND
	4/4/2002	226	ND	ND	5.8J	1.8B	ND	ND	1.6J	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
MW 108	11/17/2001	227	ND	ND	<1.0	ND	ND	6.5	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
	7/9/2002	181	1.5J	ND	ND	ND	ND	4.0J	ND	ND	ND	ND	ND	ND	ND
MW 208	11/16/2001	342	ND	ND	1.6	ND	ND	ND	1.3	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
	7/9/2002	338	ND	ND	1.2J	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
	4/15/2002	ND	ND	ND	ND	1.6B	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
MW 209	11/30/2001	ND	ND	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND
	4/15/2002	ND	ND	ND	ND	1.6B	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
MW 210	11/8/2001	ND	ND	ND	ND	ND	ND	10.6	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
	7/15/2002	ND	2.2J	ND	ND	ND	ND	7.6J	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

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Table 7. Results of analyses for volatile organic compounds[1] (VOCs) detected in ground-water samples from monitoring wells; July 2002 Status Report; Coliseum Blvd. 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
		[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]
MW 111	11/17/2001	12.0	ND	ND	ND	ND	ND	ND	21.0	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
	7/17/2002	18.7J	1.2J	ND	ND	ND	ND	ND	18.0J	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
	4/18/2002	22.7	ND	ND	1.8J	1.5B	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
MW 311	2/14/2002	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND
	4/18/2002	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
MW 112	12/12/2001	ND	ND	ND	ND	ND	ND	ND	2.0J	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
	7/16/2002	ND	1.3J	ND	ND	ND	ND	ND	1.5J	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
	4/17/2002	ND	ND	ND	ND	2.4B	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
MW 113	1/16/2002	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
MW 113 dup	4/16/2002	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
MW 213	1/16/2002	131	ND	ND	7.8J	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
	7/15/2002	102	1.6J	ND	5.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW 214	1/31/2002	ND	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW 214 A	1/11/2002	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
MW 214 A	4/19/2002	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

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Table 7. Results of analyses for volatile organic compounds[1] (VOCs) detected in ground-water samples from monitoring wells; July 2002 Status Report; Coliseum Blvd. 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
		[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]
MW 115	1/4/2002	ND	ND	ND	ND	ND	ND	ND	40.4	ND	ND	ND	2.3J	ND	ND
	4/19/2002	3.2J	ND	ND	ND	ND	ND	ND	44.2	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
MW 215	1/4/2002	3.8J	ND	ND	1.8J	ND	ND	ND	44.0	ND	ND	ND	5.4J	ND	1.1J
	4/22/2002	5.4J	ND	ND	1.8J	ND	ND	ND	37.0	ND	ND	ND	3.3J	ND	ND
	7/18/2002	4.0J	ND	ND	1.5J	ND	ND	ND	49.2	ND	ND	ND	3.4J	ND	ND
MW 116	12/7/2001	8.7J	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
	7/16/2002	7.4J	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
MW 216 dup	12/11/2001	12.5J	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
	7/16/2002	16.2J	1.5J	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
	4/18/2002	42.0	ND	ND	1.4J	1.5B	ND	ND	1.1J	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
MW 217	1/4/2002	23.3	ND	ND	2.7J	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
MW 217	4/18/2002	21.6	ND	ND	1.2J	1.5B	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
MW 118	12/11/2001	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
	7/18/2002	ND	3.7J	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
	4/19/2002	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND	ND
	7/18/2002	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
	4/16/2002	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
MW 219	7/16/2002	ND	2.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Table 7. Results of analyses for volatile organic compounds[1] (VOCs) detected in ground-water samples from monitoring wells; July 2002 Status Report; Coliseum Blvd. 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
		[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]
MW 220	12/12/2001	ND	ND	ND	ND	ND	ND	ND	3.2J	ND	ND	ND	ND	ND	ND
	4/25/2002	ND	ND	ND	ND	ND	ND	ND	2.1J	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
MW 221	12/14/2001	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
	7/19/2002	ND	1.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW 122	12/19/2001	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
	7/17/2002	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
	4/25/2002	ND	1.4J	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
MW 222 dup	7/17/2002	ND	1.2J	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
	4/17/2002	ND	ND	ND	ND	1.6B	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
MW 123 dup	7/17/2002	ND	1.9J	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
	4/18/2002	ND	ND	ND	ND	1.5B	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
MW 124	1/21/2002	38.2	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
	7/16/2002	17.9J	1.2J	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
	4/17/2002	155	ND	ND	ND	1.5B	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

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Table 7. Results of analyses for volatile organic compounds[1] (VOCs) detected in ground-water samples from monitoring wells; July 2002 Status Report; Coliseum Blvd. 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
		[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]
MW 125	1/21/2002	2.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/16/2002	1.6J	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
MW 125 dup	7/16/2002	2.0J	2.1J	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
MW 225 dup	1/21/2002	5.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW 225	4/16/2002	4.3J	1.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/16/2002	3.5J	1.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW 226	1/17/2002	491	ND	ND	2.1J	ND	ND	1.7J	ND	ND	ND	ND	ND	ND	ND
	4/16/2002	393	ND	ND	1.3J	ND	ND	2.4J	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
MW 227	1/17/2002	603	ND	ND	2.7J	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND
	4/15/2002	550	1.4J	ND	1.8J	1.7B	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
MW 128	1/4/2002	21.8	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/18/2002	17.0J	ND	ND	ND	1.6B	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
MW 128 dup	7/18/2002	20.9	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW 228	1/4/2002	87.1	ND	ND	6.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/18/2002	82.2	1.5J	ND	5.4J	1.5B	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
MW 129	1/22/2002	856	ND	ND	4.2J	ND	ND	1.4J	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
	7/10/2002	589	ND	ND	2.9J	ND	ND	1.3J	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
	4/11/2002	260	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
MW 229	7/10/2002	316	ND	ND	1.2J	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND

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Table 7. Results of analyses for volatile organic compounds[1] (VOCs) detected in ground-water samples from monitoring wells; July 2002 Status Report; Coliseum Blvd. 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
		[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]
MW 130	1/21/2002	163	ND	ND	ND	ND	ND	1.3J	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
	7/19/2002	150	1.6J	ND	4.2J	ND	ND	ND	1.2J	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
	4/22/2002	54.0	ND	ND	12.7J	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
MW 131	1/16/2002	687	ND	ND	2.8J	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)
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)
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)
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)
	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)
	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)
MW 132	1/9/2002	ND	ND	ND	ND	ND	ND	ND	1.5J	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
	7/18/2002	ND	1.4J	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
	4/18/2002	35.4	ND	ND	ND	1.6B	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
MW 133	1/17/2002	195	1.1J	ND	6.9J	ND	ND	ND	1.3J	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
	7/15/2002	135	2.1J	ND	2.2J	ND	ND	ND	1.2J	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
MW 233	1/17/2002	392	ND	ND	11.2J	ND	ND	ND	1.5J	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
	7/15/2002	381	2.0J	ND	7.0J	ND	ND	ND	1.5J	ND	ND	ND	ND	ND	ND

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Table 7. Results of analyses for volatile organic compounds[1] (VOCs) detected in ground-water samples from monitoring wells; July 2002 Status Report; Coliseum Blvd. 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
		[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]
MW 134	1/10/2002	25.9	ND	ND	1.9J	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
	7/18/2002	19.1J	2.8J	ND	1.1J	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
	4/19/2002	385	ND	ND	50.3	ND	ND	ND	2.8J	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

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 (2.0, 2.5, 5.0, or 10.0) microgram per liter for the laboratory analyses

[3] ND - Not Detected

[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 8. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; July 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Location	Sample Date	Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II)[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 mg/L	4.0 mg/L	3.0 mg/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
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
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
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
MW 5A	4/11/2002	13.4	4.11	ND	ND	0.73	NA	ND	14	ND	ND
MW 5A dup[7]	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
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
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
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
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
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
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

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Table 8. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; July 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Location	Sample Date	Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II)[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 mg/L	4.0 mg/L	3.0 mg/L
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
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
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
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
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 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
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
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
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
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
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
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
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

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Table 8. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; July 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Location	Sample Date	Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II)[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 mg/L	4.0 mg/L	3.0 mg/L
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)[8]	9.2	ND	ND
MW 210 dup	7/15/2002	201	4.88	ND	ND	15.9	NA	0.53 [8]	14	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
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
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
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)	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
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)	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
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
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
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
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
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

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Table 8. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; July 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Location	Sample Date	Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II)[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 mg/L	4.0 mg/L	3.0 mg/L
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
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
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
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
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
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
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
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
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 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 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
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
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

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Table 8. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; July 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Location	Sample Date	Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II)[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 mg/L	4.0 mg/L	3.0 mg/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)	ND	ND	ND
MW 125 dup	7/16/2002	ND	6.15	2.82	ND	0.95	NA	NA	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)	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
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
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 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
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
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
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
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
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
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

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Table 8. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; July 2002 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Location	Sample Date	Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II)[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 mg/L	4.0 mg/L	3.0 mg/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
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
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 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
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
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

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] Total iron was analyzed in ground-water samples collected from monitoring wells MW 112, MW 113, MW 125, MW 210, and MW 225 in the field and by **TTL**'s laboratory for quality assurance/quality control purposes. The MDL for total iron is 0.05 mg/L.

Table 9. Results of total organic carbon[1] detected in ground-water samples from monitoring wells; July 2002 status report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample Identifier	Sample Date	Total Organic Carbon (Concentrations are expressed in milligrams per liter) 0.50 mg/L [2]
MW 2A	7/11/2002	0.6
MW 3A	7/12/2002	ND[3]
MW 106	4/9/2002	ND (<5.0)
	7/9/2002	1.4
MW 107	4/9/2002	ND (<5.0)
	7/9/2002	0.9
MW 130	7/19/2002	0.8
MW 131	7/11/2002	0.9
MW 206	4/9/2002	ND (<5.0)
	7/9/2002	1.8
MW 207	4/9/2002	ND (<5.0)
	7/9/2002	0.7
MW 223	7/17/2002	0.5
MW 225	7/16/2002	0.5
	7/16/2002	0.5
MW 228	7/18/2002	0.5
MW 230	7/19/2002	1.1
MW 231	7/11/2002	1.0

Notes:

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

[2] 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

Table 10.
Boulevard Plume Project; Montgomery, Alabama.

Priority ID	Parcel ID	Sample ID	Sample Type	Sample Collection Date	Screening Level	1,1-Dichloroethylene	Carbon Tetrachloride	Chloroethane	cis-1,2-Dichloroethylene	trans-1,2-Dichloroethylene (TIC)	Trichloroethylene	Vinyl Chloride
						All results are in ppbv						
1	390	P101PP603	Soil Gas	6/4/2002	---[1]	ND[2]	0.23	ND	ND	ND	2.43	ND
		P101EC603	Crawl Space	6/4/2002	20	ND	0.2	ND	ND	ND	0.46	ND
		P101AA603	Ambient Air	6/4/2002	20	0.66	0.42	ND	0.37	ND	0.73	0.49
2	332	P103PP603	Soil Gas	6/4/2002	---	ND	ND	ND	ND	ND	0.39	ND
		P103EC603	Crawl Space	6/4/2002	20	ND	0.71	ND	ND	ND	0.41	ND
		P103AA603	Ambient Air	6/4/2002	20	ND	ND	ND	ND	ND	0.32	ND
3	389	P102PP603	Soil Gas	6/4/2002	---	0.50	0.27	ND	ND	ND	15.1	ND
		P102EC603	Crawl Space	6/4/2002	20	ND	ND	ND	ND	ND	0.35	ND
		P102AA603	Ambient Air	6/4/2002	20	ND	ND	ND	ND	ND	0.52	ND
4	333	P104PP604	Soil Gas	6/5/2002	---	ND	ND	ND	ND	ND	ND	ND
		P104EC604	Crawl Space	6/5/2002	20	ND	ND	ND	ND	ND	0.44	ND
		P104AA604	Ambient Air	6/5/2002	20	ND	ND	ND	ND	ND	ND	ND
5	353	P105PP604	Soil Gas	6/5/2002	---	ND	ND	ND	ND	ND	0.26	ND
		P105EC604	Crawl Space	6/5/2002	20	ND	ND	ND	ND	ND	ND	ND
		P105AA604	Ambient Air	6/5/2002	20	ND	ND	ND	ND	ND	ND	ND
6	352	P106PP604	Soil Gas	6/5/2002	---	ND	ND	ND	ND	ND	ND	ND
		P106AA604	Ambient Air	6/5/2002	20	ND	ND	ND	ND	ND	ND	ND
7	351	P107PP604	Soil Gas	6/5/2002	---	ND	1.11	ND	ND	ND	0.36	ND
		P107EC604	Crawl Space	6/5/2002	20	ND	ND	ND	ND	ND	0.45	ND
		P107AA604	Ambient Air	6/5/2002	20	ND	ND	ND	ND	ND	ND	ND
		P107BZ604	Breathing Zone	6/5/2002	---	ND	ND	ND	ND	ND	ND	ND
9	234	P108PP605	Soil Gas	6/6/2002	---	ND	ND	ND	ND	ND	ND	ND
		P108AA605	Ambient Air	6/6/2002	20	ND	ND	ND	ND	ND	0.78	ND
11	430	P109PP605	Soil Gas	6/6/2002	---	ND	ND	ND	ND	ND	ND	ND
		P109AA605	Ambient Air	6/6/2002	20	ND	ND	ND	ND	ND	ND	ND
12	266	P110PP605	Soil Gas	6/6/2002	---	ND	ND	ND	ND	ND	ND	ND
		P110AA605	Ambient Air	6/6/2002	20	ND	ND	ND	ND	ND	ND	ND
		P110BZ605	Breathing Zone	6/6/2002	---	ND	ND	ND	ND	ND	ND	ND
		P110BZ605D	Breathing Zone	6/6/2002	---	ND	ND	ND	ND	ND	ND	ND
17	436	P111PP605	Soil Gas	6/6/2002	---	ND	ND	ND	ND	ND	ND	ND
		P111AA605	Ambient Air	6/6/2002	20	ND	ND	ND	ND	ND	ND	ND
		P111AA605D	Ambient Air	6/6/2002	20	ND	ND	ND	ND	ND	ND	ND
19	248	P114PP606	Soil Gas	6/7/2002	---	ND	ND	ND	ND	ND	0.25	ND
		P114AA606	Ambient Air	6/7/2002	20	ND	ND	ND	ND	ND	ND	ND
20	388	P115PP606	Soil Gas	6/7/2002	---	ND	0.46	ND	ND	ND	32.2	ND
		P115EC606	Crawl Space	6/7/2002	20	ND	ND	ND	ND	ND	ND	ND
		P115EC606D	Crawl Space	6/7/2002	20	ND	ND	ND	ND	ND	ND	ND
		P115AA606	Ambient Air	6/7/2002	20	ND	ND	ND	ND	ND	ND	ND
23	393	P112PP605	Soil Gas	6/6/2002	---	ND	ND	ND	ND	ND	ND	ND
		P112AA605	Ambient Air	6/6/2002	20	ND	ND	ND	ND	ND	ND	ND
27	345	P113PP606	Soil Gas	6/7/2002	---	ND	ND	ND	ND	ND	0.22	ND
		P113AA606	Ambient Air	6/7/2002	20	ND	ND	ND	ND	ND	ND	ND
		P113OC606	Crawl Space	6/7/2002	20	ND	ND	ND	ND	ND	ND	ND
		P113OC606D	Crawl Space	6/7/2002	20	ND	ND	ND	ND	ND	ND	ND
		PINWAA604	Ambient Air	6/5/2002	20	ND	ND	ND	ND	ND	ND	ND
		PINWAA606	Ambient Air	6/7/2002	20	ND	ND	ND	ND	ND	ND	ND
		PINWAA606D	Ambient Air	6/7/2002	20	ND	ND	ND	ND	ND	ND	ND
		PIEWAA604	Ambient Air	6/5/2002	20	ND	ND	ND	ND	ND	ND	ND
		PIEWAA606	Ambient Air	6/7/2002	20	ND	ND	ND	ND	ND	ND	ND
		PISWAA604	Ambient Air	6/5/2002	20	ND	ND	ND	ND	ND	ND	ND
		PISWAA606	Ambient Air	6/7/2002	20	ND	ND	ND	ND	ND	0.22	ND
		PISWAA606D	Ambient Air	6/7/2002	20	ND	ND	ND	ND	ND	ND	ND
		PIWWAA604	Ambient Air	6/5/2002	20	ND	ND	ND	ND	ND	ND	ND
		PIWWAA606	Ambient Air	6/7/2002	20	ND	ND	ND	ND	ND	ND	ND
		P100TB604	Travel Blank	6/5/2002	---	ND	ND	ND	ND	ND	0.29	ND
		P100TB605	Travel Blank	6/6/2002	---	ND	ND	ND	ND	ND	0.24	ND
		P1100TB606	Travel Blank	6/7/2002	---	ND	ND	ND	ND	ND	0.25	ND

Continued on next page

Table 10. Results of analyses of soil vapor air samples collected during the weeks of June 3 and June 17, 2002; July 2002 Status Report; Coliseum Boulevard Plume Project; Montgomery, Alabama.

Priority ID	Parcel ID	Sample ID	Sample Type	Sample Collection Date	Screening Level	1,1-Dichloroethylene	Carbon Tetrachloride	Chloroethane	cis-1,2-Dichloroethylene	trans-1,2-Dichloroethylene (TIC)	Trichloroethylene	Vinyl Chloride
						All results are in ppbv						
		P2EWAA618	Ambient Air	6/19/2002	20	ND	ND	ND	ND	ND	ND	ND
		P2EWAA619	Ambient Air	6/20/2002	20	ND	ND	ND	ND	ND	ND	ND
		P2NWAA618	Ambient Air	6/19/2002	20	ND	ND	ND	ND	ND	ND	ND
		P2NWAA619	Ambient Air	6/20/2002	20	ND	ND	ND	ND	ND	ND	ND
		P2WWAA618	Ambient Air	6/19/2002	20	ND	ND	ND	ND	ND	ND	ND
		P2WWAA619	Ambient Air	6/20/2002	20	ND	ND	ND	ND	ND	ND	ND
		P2SWAA618	Ambient Air	6/19/2002	20	ND	ND	ND	ND	ND	ND	ND
		P2SWAA618D	Ambient Air	6/19/2002	20	ND	ND	ND	ND	ND	ND	ND
		P2SWAA619	Ambient Air	6/20/2002	20	ND	ND	ND	ND	ND	ND	ND
		P2SWAA619D	Ambient Air	6/20/2002	20	ND	0.59	ND	ND	ND	ND	ND
39		P216PP618	Soil Gas	6/19/2002	---	ND	ND	ND	ND	ND	ND	ND
		P216AA618	Ambient Air	6/19/2002	20	ND	ND	ND	ND	ND	ND	ND
43	176	P217PP618	Soil Gas	6/19/2002	---	ND	ND	ND	ND	ND	ND	ND
		P217AA618	Ambient Air	6/19/2002	20	ND	ND	ND	ND	ND	ND	ND
38	163	P218PP618	Soil Gas	6/19/2002	---	ND	ND	ND	ND	ND	ND	ND
		P218AA618	Ambient Air	6/19/2002	20	ND	ND	ND	ND	ND	ND	ND
41	194	P219PP618	Soil Gas	6/19/2002	---	ND	ND	ND	ND	ND	44.4	ND
		P219AA618	Ambient Air	6/19/2002	20	ND	ND	ND	ND	ND	ND	ND
33	408	P220PP618	Soil Gas	6/19/2002	---	ND	ND	ND	ND	ND	ND	ND
		P220AA618	Ambient Air	6/19/2002	20	NA[3]	NA	NA	NA	NA	NA	NA
29	463	P221PP618	Soil Gas	6/19/2002	---	ND	ND	ND	ND	ND	ND	ND
		P221OC618	Crawl Space	6/19/2002	20	ND	ND	ND	ND	ND	ND	ND
		P221OC618D	Crawl Space	6/19/2002	20	ND	ND	ND	ND	ND	ND	ND
		P221AA618	Ambient Air	6/19/2002	20	ND	ND	ND	ND	ND	ND	ND
34	413	P222PP618	Soil Gas	6/19/2002	---	ND	ND	ND	ND	ND	ND	ND
		P222AA618	Ambient Air	6/19/2002	20	ND	ND	ND	ND	ND	ND	ND
35	324	P223PP618	Soil Gas	6/19/2002	---	ND	ND	ND	ND	ND	ND	ND
		P223EC618	Crawl Space	6/19/2002	20	ND	ND	ND	ND	ND	ND	ND
		P223AA618	Ambient Air	6/19/2002	20	ND	ND	ND	ND	ND	ND	ND
36	319	P224PP619	Soil Gas	6/20/2002	---	ND	ND	ND	ND	ND	ND	ND
		P224OC619	Crawl Space	6/20/2002	20	ND	ND	ND	ND	ND	0.79	ND
		P224OC619D	Crawl Space	6/20/2002	20	ND	ND	ND	ND	ND	ND	ND
		P224AA619	Ambient Air	6/20/2002	20	ND	ND	ND	ND	ND	ND	ND
13	63	P225PP619	Soil Gas	6/20/2002	---	ND	ND	ND	ND	ND	ND	ND
		P225AA619	Ambient Air	6/20/2002	20	ND	ND	ND	ND	ND	ND	ND
44	12	P226PP619	Soil Gas	6/20/2002	---	ND	ND	ND	ND	ND	ND	ND
		P226AA619	Ambient Air	6/20/2002	20	ND	ND	ND	ND	ND	ND	ND
30	305	P227PP619	Soil Gas	6/20/2002	---	ND	ND	ND	ND	ND	ND	ND
		P227AA619	Ambient Air	6/20/2002	20	ND	ND	ND	ND	ND	ND	ND
28	477	P228PP619	Soil Gas	6/20/2002	---	ND	ND	ND	ND	ND	ND	ND
		P228AA619	Ambient Air	6/20/2002	20	ND	ND	ND	ND	ND	ND	ND
31	447	P229PP619	Soil Gas	6/20/2002	---	ND	ND	ND	ND	ND	1.0	ND
		P229AA619	Ambient Air	6/20/2002	20	ND	ND	ND	ND	ND	ND	ND
37	380	P230PP619	Soil Gas	6/20/2002	---	ND	ND	ND	ND	ND	ND	ND
		P230AA619	Ambient Air	6/20/2002	20	ND	ND	ND	ND	ND	ND	ND
		P200TB618	Travel Blank	6/19/2002	---	ND	ND	ND	ND	ND	ND	ND
		P200TB619	Travel Blank	6/20/2002	---	ND	ND	ND	ND	ND	ND	ND

Notes:

[1] ND - Not detected

[2] --- There is no screening level for soil gas.

[3] NA - Not analyzed. Sample was rejected prior to analysis since the vacuum checked before pressurization indicated the cannister leaked during shipment.

Table 11. Comparison of soil vapor air results of split samples between York Analytical Laboratories and Air Toxics, Inc.; Coliseum Boulevard Plume Project; Montgomery, Alabama.

Priority ID	Parcel ID	Sample ID	Laboratory	1,1-Dichloroethene	Carbon Tetrachloride	Chloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethylene (TIC)	Trichloroethylene	Vinyl Chloride
				All results are in ppbv						
1	390	P102PP603	York	0.50	0.27	<0.21	<0.25	<0.25	15.1	<0.29
			Air Toxics	<0.60	<0.60	<0.60	<0.60	<2.4	6.7	<0.60
4	333	P104EC604	York	<0.30	<0.24	<0.30	<0.35	<0.35	0.44	<0.41
			Air Toxics	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50
6	352	P106PP604	York	<0.26	<0.21	<0.26	<0.31	<0.31	<0.21	<0.36
			Air Toxics	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50
7	351	P107PP604	York	<0.30	1.11	<0.30	<0.36	<0.36	0.36	<0.42
			Air Toxics	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50
	Wind Rose	P1SWAA606	York	<0.29	<0.23	<0.29	<0.35	<0.35	0.22	<0.41
			Air Toxics	<0.51	<0.51	<0.51	<0.51	<2.0	<0.51	<0.51
	Wind Rose	P2WWAA619	York	<0.24	<0.19	<0.24	<0.29	<0.29	<0.19	<0.33
			Air Toxics	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50
	Wind Rose	P2SWAA619D	York	<0.22	0.59	<0.22	<0.27	<0.27	<0.18	<0.31
			Air Toxics	<0.50	0.60	<0.50	<0.50	<2.0	<0.50	<0.50
36	319	P224OC619	York	<0.25	<0.20	<0.25	<0.30	<0.30	0.79	<0.35
			Air Toxics	<0.50	<0.50	<0.50	<0.50	<2.0	0.72	<0.50
44	12	P226PP619	York	<0.18	<0.14	<0.18	<0.21	<0.21	<0.14	<0.25
			Air Toxics	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50
31	447	P229PP619	York	<0.96	<0.77	<0.96	<1.2	<1.2	1.0	<1.4
			Air Toxics	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50

Table 12. Results of analyses[1] of volatile organic compounds in quality assurance/quality control samples; July 2002 Status Report; Coliseum Boulevard Plume Project; Montgomery, Alabama.

		Trichloroethylene	Chloromethane	Methylene Chloride
		(Concentrations are expressed in micrograms/liter)		
Sample Date	**Sample Identifier**	**1.0 μg/l [2]**	**1.0 μg/l [2]**	**1.0 μg/l [2]**
7/11/2002	Bladder Pump #2	ND[3]	1.0J[4]	ND
7/11/2002	Blank	ND	2.2J	ND
7/17/2002	Bladder Pump #2	ND	2.2J	ND
7/17/2002	Blank	ND	2.2J	ND
7/11/2002	Blank (Surface Water)	ND	ND	ND
7/22/2002	Blank (CMT Well 1)	ND	ND	ND
7/23/2002	Blank (CMT Well 1)	ND	ND	ND
7/24/2002	Blank (CMT Well 1 & 2)	ND	ND	ND
7/25/2002	Blank (CMT Well 2)	ND	ND	ND
7/10/2002	Pump Rinse #1	ND	ND	ND
7/10/2002	Blank	ND	1.6J	ND
7/11/2002	Pump Rinse #1	ND	ND	ND
7/11/2002	Blank	ND	1.7J	ND
7/12/2002	Pump Rinse #1	ND	ND	ND
7/12/2002	Blank	ND	1.3J	ND
7/15/2002	Pump Rinse #1	ND	1.0J	ND
7/15/2002	Blank	ND	1.4J	ND
7/16/2002	Pump Rinse #1	ND	ND	ND
7/16/2002	Blank	ND	1.1J	ND
7/17/2002	Pump Rinse #1	ND	ND	ND
7/17/2002	Blank	ND	1.6J	ND
7/18/2002	Pump Rinse #1	ND	1.4J	ND
7/18/2002	Blank	ND	ND	ND
7/9/2002	Pump Rinse #2	ND	ND	ND
7/9/2002	Blank	ND	1.1J	ND
7/8/2002	Rinse Bladder Pump #1	ND	ND	ND
7/8/2002	Blank	ND	1.1J	ND

Continued on next page

Table 12. Results of analyses[1] of volatile organic compounds in quality assurance/quality control samples; July 2002 Status Report; Coliseum Boulevard Plume Project; Montgomery, Alabama.

		Trichloroethylene	Chloromethane	Methylene Chloride
		(Concentrations are expressed in micrograms/liter)		
Sample Date	**Sample Identifier**	**1.0 μg/l [2]**	**1.0 μg/l [2]**	**1.0 μg/l [2]**
7/8/2002	Rinse Bladder Pump #2	ND	ND	ND
7/8/2002	Blank	ND	1.6J	ND
7/9/2002	Rinse Bladder Pump #2	ND	ND	ND
7/9/2002	Blank	ND	ND	ND
7/10/2002	Rinse Bladder Pump #2	ND	2.1J	ND
7/10/2002	Blank	ND	2.7J	ND
7/12/2002	Rinse Pump Bladder #2	ND	ND	ND
7/12/2002	Blank	ND	1.1J	ND
7/15/2002	Rinse Bladder Pump #2	ND	ND	ND
7/15/2002	Blank	ND	2.5J	ND
7/16/2002	Rinse Bladder Pump #2	ND	ND	ND
7/16/2002	Blank	ND	1.7J	ND
7/19/2002	Rinse Bladder Pump #2	ND	1.1J	ND
7/19/2002	Blank	ND	2.2J	ND
7/18/2002	Rinse Bladder Pump #2	ND	ND	ND
7/18/2002	Blank	ND	2.4J	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

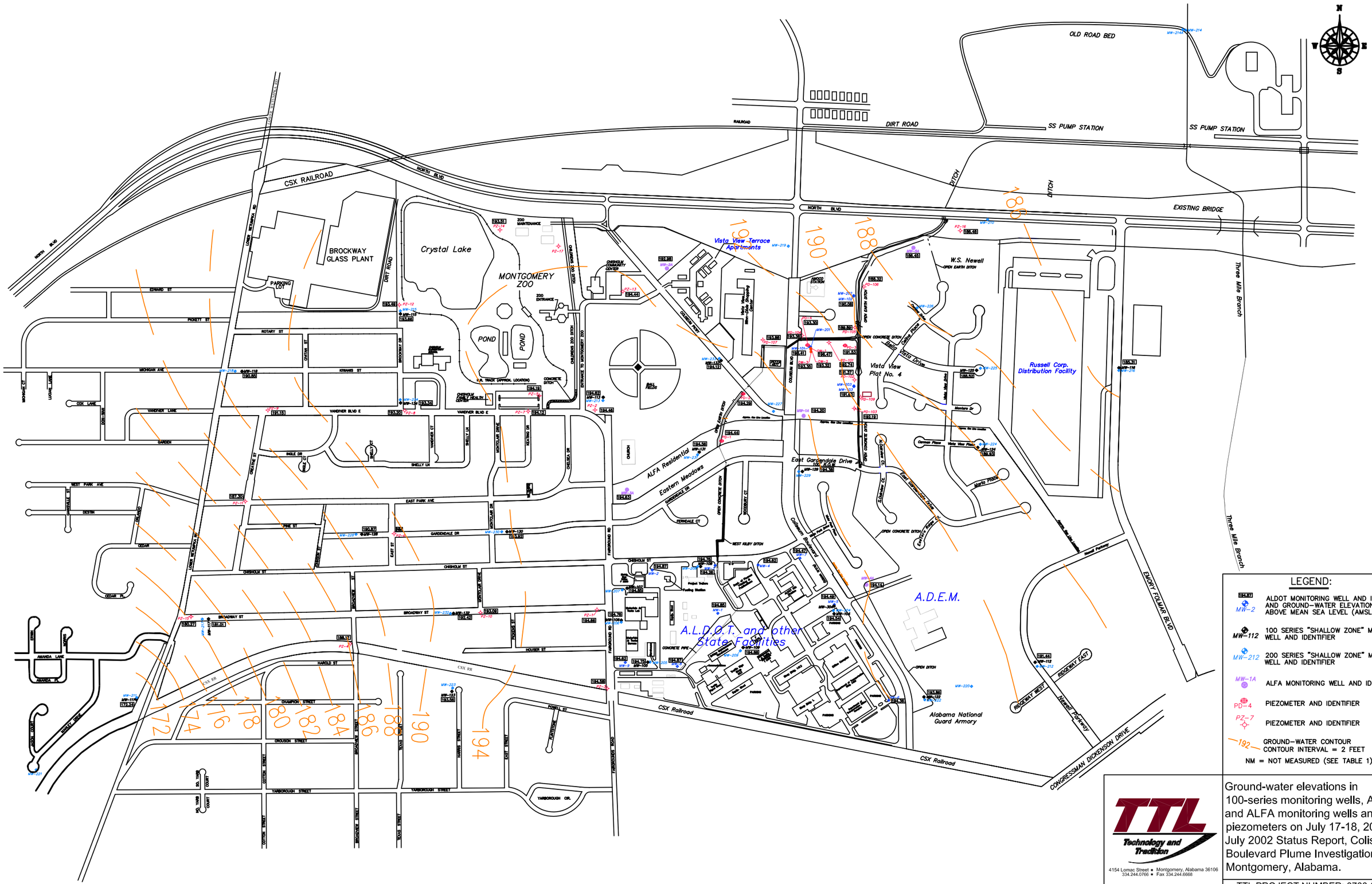
[3] ND - Not detected

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

DEPARTMENT OF TRANSPORTATION

July 2002
Status Report
Coliseum Boulevard Plume Investigation

PLATES



LEGEND:

194.97 / MW-2	ALDOT MONITORING WELL AND IDENTIFIER AND GROUND-WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (AMSL)
MW-112	100 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER
MW-212	200 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER
MW-1A	ALFA MONITORING WELL AND IDENTIFIER
PD-4	PIEZOMETER AND IDENTIFIER
PZ-7	PIEZOMETER AND IDENTIFIER
192	GROUND-WATER CONTOUR CONTOUR INTERVAL = 2 FEET

NM = NOT MEASURED (SEE TABLE 1)

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

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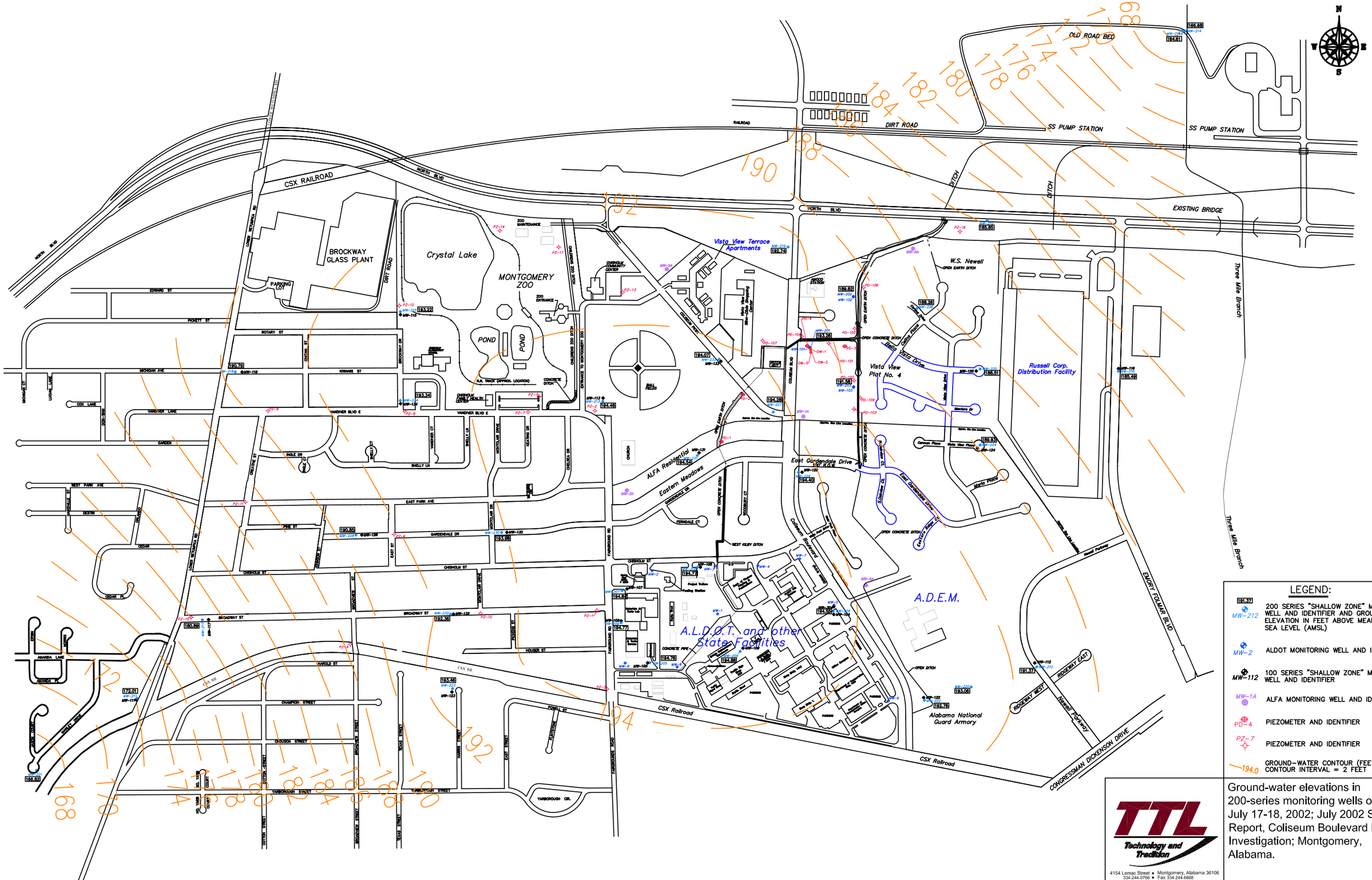
Ground-water elevations in 100-series monitoring wells, ALDOT and ALFA monitoring wells and piezometers on July 17-18, 2002; July 2002 Status Report, Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

TTL PROJECT NUMBER: 0700-024

Drawing No. 020801

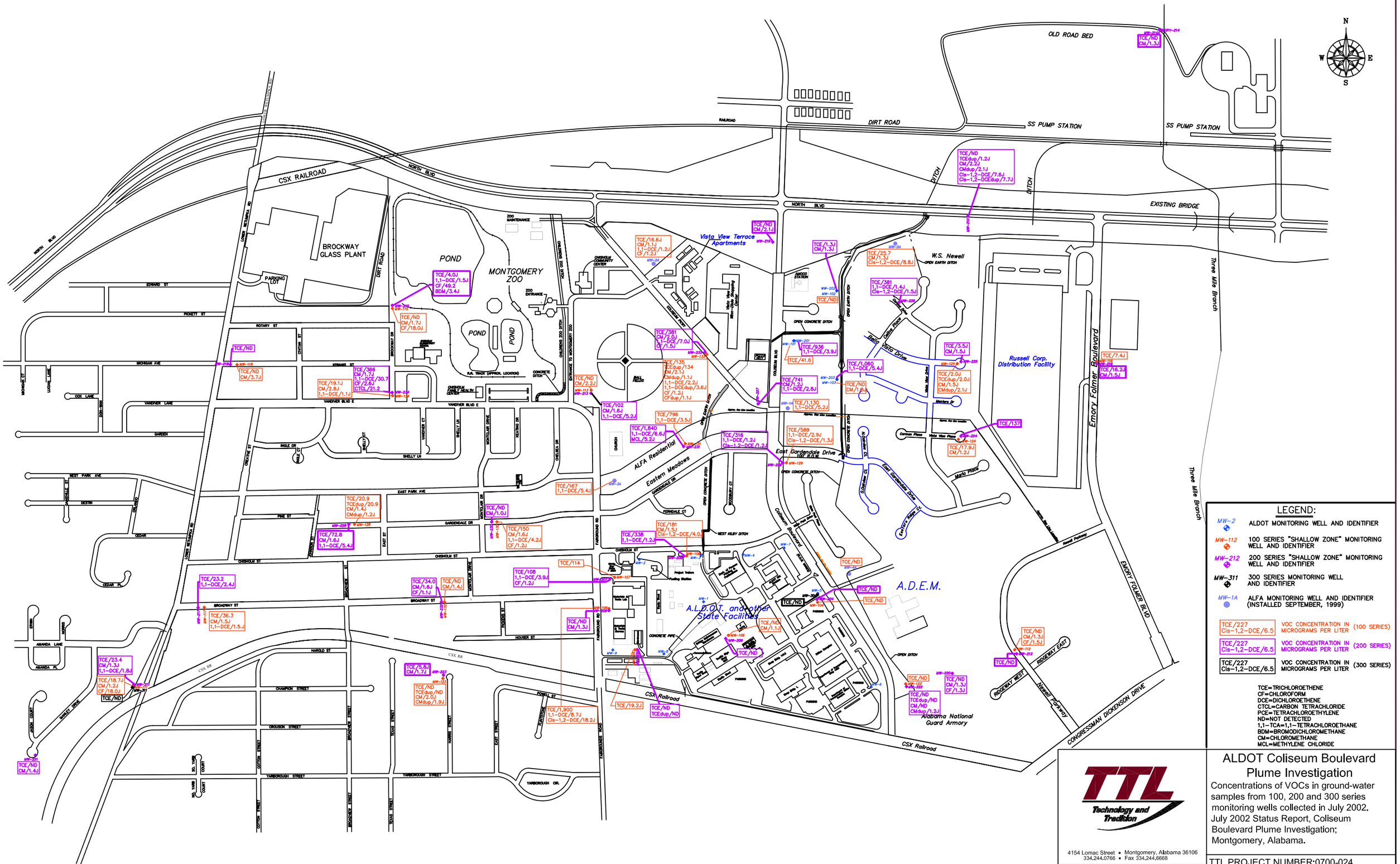
SCALE: 1" = 400'

Plate 1



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

FIGURES



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)
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

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

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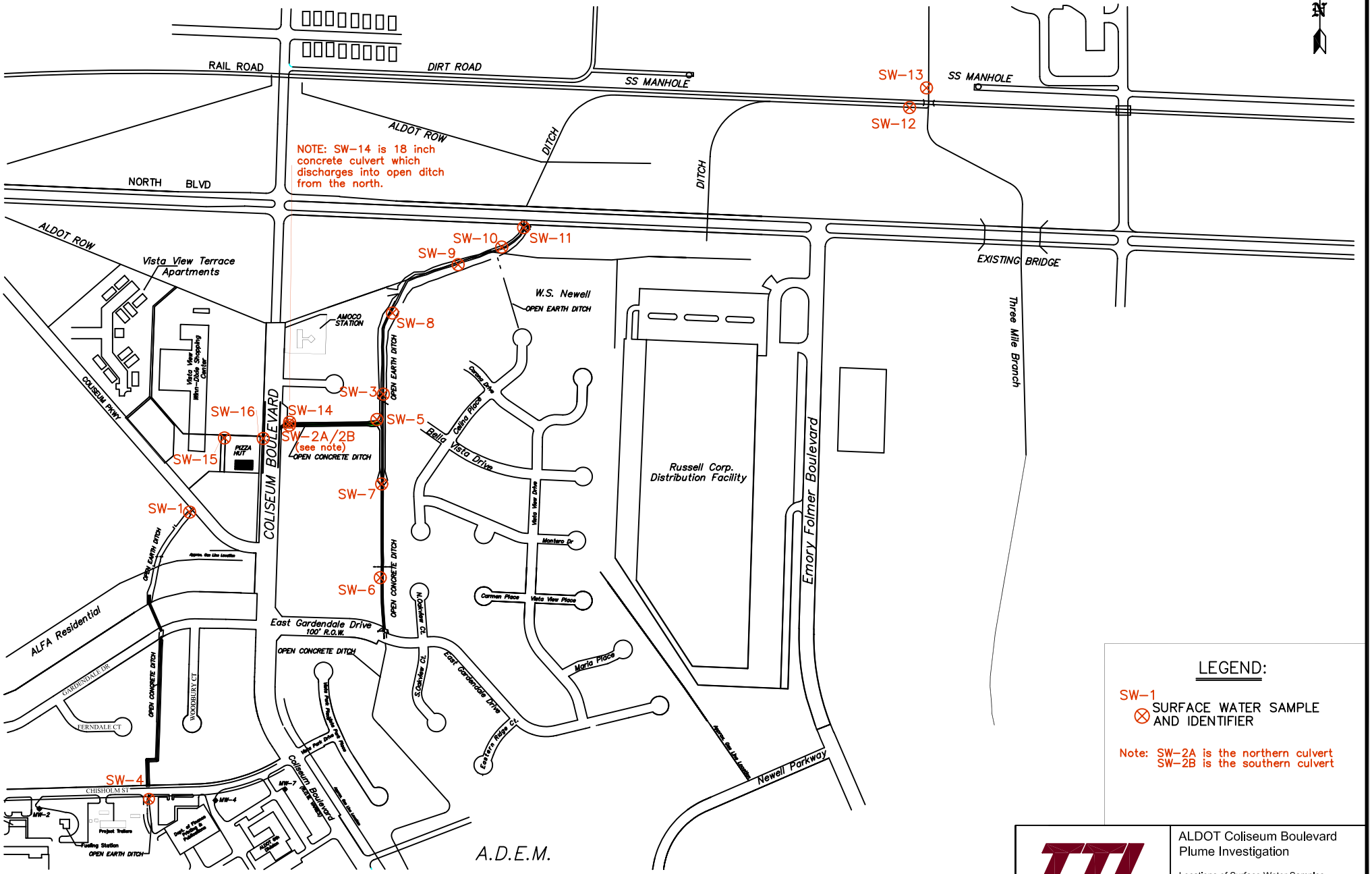
Drawing No. 020801

ALDOT Coliseum Boulevard Plume Investigation

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

TTL PROJECT NUMBER:0700-024

SCALE: 1" = 400' | Figure 1



LEGEND:

SW-1
⊗ SURFACE WATER SAMPLE AND IDENTIFIER

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

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

TTL Technology and Tradition
4154 Lomac Street ▪ Montgomery, Alabama 36106
334.244.0766 ▪ Fax 334.244.6668

Drawing No. 020124

ALDOT Coliseum Boulevard Plume Investigation

Locations of Surface Water Samples SW1-SW-16

TTL PROJECT NUMBER: 0700-024

SCALE: 1" = 700'

Figure 2

DEPARTMENT OF TRANSPORTATION

July 2002
Status Report
Coliseum Boulevard Plume Investigation

ATTACHMENTS

ATTACHMENT A
ANALYTICAL RESULTS
(Refer to GIS Database)

DEPARTMENT OF TRANSPORTATION

July 2002
Status Report
Coliseum Boulevard Plume Investigation

ATTACHMENT B
CMT and Monitoring Well Sampling Forms

TTL, Inc.
July 2002
CMT Sampling Form

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

Personnel: Chris Krafcheck and Kyle Massey

Date: 07/22/02 **CMT/Port No.:** 1/1 **Sampling Method:** Peristaltic Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
24.92 ft	43.4 ft		Sunny / 90's				2.5	
Disolved Oxygen (mg/L)	Begin Reading:	2.49	Time:	12:15 PM	End Reading:	1.95	Time:	2:55 PM
Redox (mV)	Begin Reading:	-61.5	Time:	12:15 PM	End Reading:	-87.3	Time:	2:55 PM
Iron (mg/L)	Fe (II):	3.55	Time:	3:15 PM	Fe (Total):	6.35	Time:	3:20 PM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:15 PM	29.36	1003	6.81	>440
12:32 PM	29.52	997	6.69	19.2
12:48 PM	29.60	1037	6.72	29.3
1:10 PM	29.91	1070	6.70	18
1:25 PM	29.76	1034	6.64	21.8
1:50 PM	30.45	1015	6.65	17
2:00 PM	29.41	966	6.59	10.7
2:15 PM	30.17	955	6.60	7.7
2:33 PM	31.48	953	6.59	8.0
2:55 PM	31.01	910	6.60	7.7

Comments: Sampled at 3:00 pm.

Verified by: K. Dixon **Date:** 7-26-02

F:\2000\0700\024\Status Reports\2002\07 July Status Report\CMT Sampling Forms

TTL, Inc.
July 2002
CMT Sampling Form

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

Personnel: Chris Krafcheck and Kyle Massey

Date: 07/23/02 **CMT/Port No.:** 1/2 **Sampling Method:** Peristaltic Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
24.92 ft	39.6 ft		Clear / 80's				1.25	
Disolved Oxygen (mg/L)	Begin Reading:	3.75	Time:	8:35 AM	End Reading:	1.26	Time:	10:15 AM
Redox (mV)	Begin Reading:	-72.7	Time:	8:35 AM	End Reading:	-53.7	Time:	10:15 AM
Iron (mg/L)	Fe (II):	3.75	Time:	10:20 AM	Fe (Total):	2.65	Time:	10:30 AM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
8:35 AM	26.67	1428	6.73	10.3
9:05 AM	26.66	1057	6.62	7.8
9:25 AM	27.11	918	6.60	3.1
9:50 AM	27.54	852	6.58	3.2
10:15 AM	27.67	800	6.56	2.9

Comments: Sampled at 10:20 am.

Verified by: [signature] **Date:** 7-26-02

F:\2000\0700\024\Status Reports\2002\07 July Status Report\CMT Sampling Forms

TTL, Inc.
July 2002
CMT Sampling Form

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

Personnel: Chris Krafcheck and Kyle Massey

Date: 07/23/02 **CMT/Port No.:** 1/3 **Sampling Method:** Peristaltic Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
24.92 ft	35.6 ft		Clear / 80's				1.75	
Disolved Oxygen (mg/L)	Begin Reading:	4.55	Time:	12:10 PM	End Reading:	5.26	Time:	2:15 PM
Redox (mV)	Begin Reading:	-93.3	Time:	12:10 PM	End Reading:	-69.2	Time:	2:15 PM
Iron (mg/L)	Fe (II):	7.75	Time:	2:30 PM	Fe (Total):	2.00	Time:	2:40 PM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:10 PM	29.27	765	6.66	13.4
12:45 PM	29.91	571	6.53	5.7
1:15 PM	28.04	446	6.45	4.2
1:30 PM	28.90	846	6.41	16
1:50 PM	29.37	427	6.37	4.8
2:00 PM	30.03	448	6.36	5.3
2:15 PM	30.23	450	6.37	5.1

Comments: Sampled at 2:30 pm.

Verified by: [signature] **Date:** 7-26-02

F:\2000\0700\024\Status Reports\2002\07 July Status Report\CMT Sampling Forms

TTL, Inc.
July 2002
CMT Sampling Form

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

Personnel: Chris Krafcheck and Kyle Massey

Date: 07/23/02 **CMT/Port No.:** 1/5 **Sampling Method:** Peristaltic Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
24.92 ft	29.5 ft		Clear / 80's				1.75	
Disolved Oxygen (mg/L)	Begin Reading:	2.51	Time:	12:55 PM	End Reading:	2.46	Time:	3:50 PM
Redox (mV)	Begin Reading:	-28	Time:	12:55 PM	End Reading:	-19	Time:	3:50 PM
Iron (mg/L)	Fe (II):	2.90	Time:	4:00 PM	Fe (Total):	6.2	Time:	4:05 PM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:55 PM	30.96	491	6.30	7.5
1:25 PM	31.30	361	6.53	16
1:40 PM	30.52	276	6.43	6.2
1:50 PM	29.54	313	6.53	3.0
2:30 PM	30.23	280	6.45	1.6
3:30 PM	31.38	291	6.39	1.5
3:50 PM	30.92	288	6.42	1.5

Comments: Sampled at 4:00 pm.

Verified by: K Johnson **Date:** 7-26-02

TTL, Inc.
July 2002
CMT Sampling Form

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

Personnel: Chris Krafcheck and Kyle Massey

Date: 07/24/02 **CMT/Port No.:** 1/6 **Sampling Method:** Peristaltic Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
24.92 ft	47.7 ft		Cloudy / 80's				1.5	
Disolved Oxygen (mg/L)	Begin Reading:	8.51	Time:	9:00 AM	End Reading:	0.7	Time:	9:35 AM
Redox (mV)	Begin Reading:	-58	Time:	9:00 AM	End Reading:	-58.8	Time:	9:35 AM
Iron (mg/L)	Fe (II):	8.00	Time:	9:40 AM	Fe (Total):	1.85	Time:	9:50 PM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:00 AM	23.88	514	6.44	8.6
9:05 AM	23.73	282	6.44	2.7
9:10 AM	23.60	285	6.41	0.0
9:20 AM	23.64	534	6.35	0.0
9:25 AM	23.60	521	6.38	0.0
9:35 AM	23.65	508	6.39	0.0

Comments: Sampled at 9:40 am.

Verified by: Johnson **Date:** 7-26-02

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TTL, Inc.
July 2002
CMT Sampling Form

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

Personnel: Chris Krafcheck and Kyle Massey

Date: 07/24/02 **CMT/Port No.:** 1/7 **Sampling Method:** Peristaltic Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
24.92 ft	51.45 ft		Cloudy / 80's				2	
Disolved Oxygen (mg/L)	Begin Reading:	0.93	Time:	10:20 AM	End Reading:	1.37	Time:	11:00 AM
Redox (mV)	Begin Reading:	-48.4	Time:	10:20 AM	End Reading:	22.4	Time:	11:00 AM
Iron (mg/L)	Fe (II):	2.20	Time:	11:10 AM	Fe (Total):	2.15	Time:	11:15 AM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:20 AM	22.42	221	6.39	286
10:25 AM	21.43	170	5.92	115
10:35 AM	21.37	181	5.98	12.7
10:40 AM	21.33	182	5.97	7.8
10:45 AM	21.32	183	5.97	7.8
10:50 AM	21.29	191	5.96	5.6
10:55 AM	21.28	194	5.95	5.7
11:00 AM	21.25	196	5.94	5.8

Comments: Sampled at 11:10 am.

Verified by: [signature] **Date:** 7-26-02

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TTL, Inc.
July 2002
CMT Sampling Form

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

Personnel: Chris Krafcheck and Kyle Massey

Date: 07/24/02 **CMT/Port No.:** 2/2 **Sampling Method:** Peristaltic Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
27.14 ft	40.6 ft		Sunny / 90's				1.5	
Disolved Oxygen (mg/L)	Begin Reading:	0.88	Time:	1:30 PM	End Reading:	0.96	Time:	2:15 PM
Redox (mV)	Begin Reading:	-60	Time:	1:30 PM	End Reading:	64.3	Time:	2:15 PM
Iron (mg/L)	Fe (II):	1.05	Time:	2:30 PM	Fe (Total):	1.05	Time:	2:35 PM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:30 PM	26.48	629	6.73	71.2
1:35 PM	25.41	456	6.20	28.2
1:45 PM	25.35	373	6.02	10.9
1:55 PM	25.21	341	5.88	7.4
2:05 PM	25.10	323	5.84	7.8
2:15 PM	25.23	334	5.80	7.4

Comments: Sampled at 2:30 pm.

Verified by: [signature] **Date:** 7-26-02

TTL, Inc.
July 2002
CMT Sampling Form

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

Personnel: Chris Krafcheck and Kyle Massey

Date: 07/24/02 **CMT/Port No.:** 2/3 **Sampling Method:** Peristaltic Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
27.14 ft	44.6 ft	Sunny / 90's		2.25

Disolved Oxygen (mg/L)	Begin Reading:	2.57	Time:	1:40 PM	End Reading:	4.28	Time:	3:20 PM
Redox (mV)	Begin Reading:	19	Time:	1:40 PM	End Reading:	8	Time:	3:20 PM
Iron (mg/L)	Fe (II):	6.00	Time:	3:30 PM	Fe (Total):	5.90	Time:	3:35 PM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:40 PM	26.97	1069	6.63	2.7
1:55 PM	25.21	1046	6.69	0.1
2:05 PM	26.55	969	6.85	0.7
2:20 PM	26.77	893	6.89	1.7
2:40 PM	27.72	813	6.89	2.0
2:55 PM	26.93	750	6.98	6.1
3:05 PM	26.36	724	6.90	6.5
3:20 PM	28.57	717	6.88	6.4

Comments: Sampled at 3:30 pm.

Verified by: K. Dixon **Date:** 7-26-02

F:\2000\0700\024\Status Reports\2002\07 July Status Report\CMT Sampling Forms

TTL, Inc.
July 2002
CMT Sampling Form

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

Personnel: Chris Krafcheck and Kyle Massey

Date: 7/25/02 **CMT/Port No.:** 2/4 **Sampling Method:** Peristaltic Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
27.14 ft	48.7 ft		Sunny / 80's				2.25	
Disolved Oxygen (mg/L)	Begin Reading:	3.51	Time:	9:30 AM	End Reading:	2.53	Time:	10:55 AM
Redox (mV)	Begin Reading:	-51.9	Time:	9:30 AM	End Reading:	-44.8	Time:	10:55 AM
Iron (mg/L)	Fe (II):	11.75	Time:	11:10 AM	Fe (Total):	2.40	Time:	11:20 AM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:30 AM	27.00	680	6.16	128
9:35 AM	26.22	823	6.14	16.4
9:45 AM	26.37	792	6.12	8.1
9:55 AM	27.08	740	6.12	10.3
10:05 AM	28.08	698	6.12	12.2
10:15 AM	28.12	655	6.11	9.4
10:30 AM	27.75	611	6.09	8.9
10:40 AM	27.71	581	6.08	8.2
10:55 AM	27.69	555	6.06	8.3

Comments: Sampled at 11:10 am.

Verified by: KDixon **Date:** 7-26-02

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TTL, Inc.
July 2002
CMT Sampling Form

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

Personnel: Chris Krafcheck and Kyle Massey

Date: 07/25/02 **CMT/Port No.:** 2/5 **Sampling Method:** Peristaltic Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
27.14 ft	52.6 ft	Sunny / 80's		2

Disolved Oxygen (mg/L)	Begin Reading:	5.06	Time:	10:20 AM	End Reading:	5.79	Time:	11:10 AM
Redox (mV)	Begin Reading:	137	Time:	10:20 AM	End Reading:	-1.00	Time:	11:10 AM
Iron (mg/L)	Fe (II):	5.15	Time:	11:30 AM	Fe (Total):	4.95	Time:	11:35 AM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:20 AM	26.52	246	6.33	34.9
10:30 AM	24.66	258	6.66	11.1
10:40 AM	24.30	235	6.85	14.4
10:45 AM	24.76	224	6.90	9.1
10:55 AM	24.88	158	6.85	9.6
11:00 AM	24.30	238	6.93	9.3
11:05 AM	24.79	251	6.98	9.6
11:10 AM	24.45	257	6.99	9.4

Comments: Sampled at 11:30 am.

Verified by: [signature] **Date:** 7-26-02

F:\2000\0700\024\Status Reports\2002\07 July Status Report\CMT Sampling Forms

TTL, Inc.
July 2002
CMT Sampling Form

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

Personnel: Chris Krafcheck and Kyle Massey

Date: 07/25/02 **CMT/Port No.:** 2/6 **Sampling Method:** Peristaltic Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
27.14 ft	56.4 ft		Cloudy / 90's				1.75	
Disolved Oxygen (mg/L)	Begin Reading:	4.71	Time:	12:45 PM	End Reading:	1.83	Time:	2:00 PM
Redox (mV)	Begin Reading:	36	Time:	12:45 PM	End Reading:	-25	Time:	2:00 PM
Iron (mg/L)	Fe (II):	0.5	Time:	2:30 PM	Fe (Total):	0.65	Time:	2:35 PM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:45 PM	26.97	580	7.75	>440
12:55 PM	25.02	515	7.96	49.5
1:10 PM	24.90	516	8.01	30.6
1:15 PM	25.63	498	8.09	23.2
1:25 PM	25.31	484	8.09	22.2
1:45 PM	26.24	471	8.11	22.3
2:00 PM	26.63	469	8.14	23.2

Comments: Sampled at 2:30 pm.

Verified by: [signature] **Date:** 7-26-02

F:\2000\0700\024\Status Reports\2002\07 July Status Report\CMT Sampling Forms

TTL, Inc.
July 2002
CMT Sampling Form

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

Personnel: Chris Krafcheck and Kyle Massey

Date: 07/25/02 **CMT/Port No.:** 2/7 **Sampling Method:** Peristaltic Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
27.14 ft	59.8 ft		Sunny / 80's				2	
Disolved Oxygen (mg/L)	Begin Reading:	0.34	Time:	12:35 PM	End Reading:	0.57	Time:	1:50 PM
Redox (mV)	Begin Reading:	-200.1	Time:	12:35 PM	End Reading:	-115.2	Time:	1:50 PM
Iron (mg/L)	Fe (II):	6.55	Time:	2:00 PM	Fe (Total):	6.60	Time:	2:05 PM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:35 PM	27.03	1587	7.31	>440
12:45 PM	25.76	1552	7.09	16.2
12:55 PM	26.50	1541	7.35	45.7
1:10 PM	25.99	1491	7.02	14.2
1:25 PM	25.95	1428	7.01	14.3
1:40 PM	25.92	1397	7.02	14.4
1:50 PM	25.43	1390	7.01	14.2

Comments: Sampled at 2:00 pm.

Verified by: [signature] **Date:** 7-26-02

F:\2000\0700\024\Status Reports\2002\07 July Status Report\CMT Sampling Forms

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson, Kyle Massey

Date: 7/8/02 Well No.: 205 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
22.17	56.0	partly cloudy, 90's	45	10

Disolved Oxygen (mg/L)	Begin Reading:	6.78	Time:	12:20	End Reading:	7.77	Time:	1:00
Redox (mV)	Begin Reading:	165	Time:	12:20	End Reading:	220 369*	Time:	1:00
Iron (mg/L)	Fe (II):	<0.50	Time:	1:07 ~~12:27~~	Fe (Total):	<0.50	Time:	1:33 ~~12:35~~

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:20	24.47	35	6.41	34.6
12:25	26.08	37	6.08	22.9
12:30	23.43	36	5.58	8.8
12:35	22.71	37	5.32	5.4
12:40	22.87	37	5.24	4.3
12:45	23.10	37	5.19	2.6
12:50	23.52	37	5.14	1.7
12:55	23.55	37	5.11	1.7
1:00	23.53	37	5.14	1.9

Comments: * Checked and Redox reading with team 2's psi meter because the Hydrolab meter was reading low compared to last event

Verified by: [illegible] Date: 7-28-02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson, Kyle Massey

Date: 7/8/02 Well No.: 205 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
22.17	56	partly cloudy 90's	45	6

Disolved Oxygen (mg/L)	Begin Reading:	8.56	Time:	2:20	End Reading:	7.75	Time:	2:40
Redox (mV)	Begin Reading:	210	Time:	2:20	End Reading:	219	Time:	2:40
Iron (mg/L)	Fe (II):	<0.50	Time:	1:07	Fe (Total):	<0.50	Time:	1:25

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:20	23.55	37	5.41	28.5
2:25	24.28	37	5.21	10.6
2:30	23.80	37	5.13	1.8
2:35	23.74	37	5.08	1.6
2:40	23.80	37	5.09	1.5

Comments: Sampled mw-205 @ 2:43 Dup mw-205 2:48

Resampled well because Duplicate was not taken first time

Verified by: [signature] Date: 7-28-02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson, Kyle Massey

Date: 7/8/02 Well No.: 104 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
22.99	31	Sunny, 90's	37	8.5

Disolved Oxygen (mg/L)	Begin Reading:	4.76	Time:	3:30	End Reading:	4.33	Time:	4:05
Redox (mV)	Begin Reading:	256	Time:	3:30	End Reading:	269	Time:	4:05
Iron (mg/L)	Fe (II):	<0.50	Time:	4:15	Fe (Total):	<0.50	Time:	4:25

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:30	27.22	46	4.71	186
3:35	26.27	47	4.66	48
3:40	26.16	47	4.61	20.2
3:45	26.85	47	4.63	7.2
3:50	26.57	46	4.64	1.7
3:55	26.70	46	4.67	1.1
4:00	26.09	46	4.66	0.4
4:05	26.14	46	4.68	0.0

Comments: Sampled @ 4:10 p.m

Verified by: [signature] Date: 7-8-02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 7/8/02 Well No.: 304 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
23.40	87		partly cloudy 90's		50		27	
Disolved Oxygen (mg/L)	Begin Reading:	1.01	Time:	5:30	End Reading:	0.35	Time:	7:10
Redox (mV)	Begin Reading:	-155.4	Time:	5:30	End Reading:	-125.1	Time:	7:10
Iron (mg/L)	Fe (II):	1.05	Time:	7:26	Fe (Total):	1.00	Time:	7:34

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
5:30	24.42	132	7.03	>440
5:35	24.07	165	7.00	91.6
5:40	23.91	155	6.95	28.8
5:45	23.92	165	6.91	24.5
5:50	23.80	156	6.87	22.6
5:55	23.54	149	6.82	21.2
6:00	23.65	146	6.78	20.3
6:05	23.63	146	6.78	17.2
6:10	23.28	140	6.74	16.1
6:15	23.49	138	6.73	16.6
6:20	23.26	135	6.72	16.6
6:25	22.98	133	6.70	14.1
6:30	23.16	134	6.69	11.1
6:35	23.17	131	6.68	11.3
6:40	22.86	130	6.67	10.5
6:45	22.49	127	6.64	9.7
6:50	22.78	127	6.65	7.8
6:55	22.89	127	6.63	5.3

Comments: continued on the next page

Verified by: [signature] Date: 7-28-02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 7/8/02 Well No.: 304 cont. Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
23.40	87		partly cloudy 90's		50		27	
Disolved Oxygen (mg/L)	Begin Reading:	1.01	Time:	5:30	End Reading:	0.35	Time:	7:10
Redox (mV)	Begin Reading:	-155.4	Time:	5:30	End Reading:	-125.1	Time:	7:10
Iron (mg/L)	Fe (II):	1.05	Time:	7:26	Fe (Total):	1.00	Time:	7:34

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
7:00	22.67	128	6.63	4.2
7:05	22.77	125	6.62	3.2
7:10	22.56	125	6.61	4.4

Comments: Sampled @ 7:15 p.m.

Verified by: [signature] Date: 7-28-02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson / Kyle Massey

Date: 7/9/02 Well No.: 106 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
27.36	34	mostly sunny, 90's	40	10

Disolved Oxygen (mg/L)	Begin Reading:	4.60	Time:	10:15	End Reading:	3.83	Time:	10:35
Redox (mV)	Begin Reading:	92	Time:	10:15	End Reading:	126	Time:	10:35
Iron (mg/L)	Fe (II):	<0.50	Time:	10:47	Fe (Total):	<0.50	Time:	10:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
~~7.00~~ BB	~~22.67~~ BB	~~128~~ BB	~~6.63~~ BB	
10:15	24.08	66	4.35	14.5
10:20	23.81	65	4.33	2.0
10:25	23.98	65	4.37	0.2
10:30	23.99	65	4.35	0.0
10:35	24.03	65	4.36	0.0

Comments: ~~Ir~~ sampled at 10:42

Verified by: [signature] Date: 7-28-02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Kyle Massey

Date: 7/9/02 Well No.: 206 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
27.28	54.5		Mostly sunny, 90's		45			
Disolved Oxygen (mg/L)	Begin Reading:	4.19	Time:	11:15	End Reading:	3.81	Time:	1:15
Redox (mV)	Begin Reading:	76	Time:	11:15	End Reading:	99	Time:	1:15
Iron (mg/L)	Fe (II):	<.50	Time:	1:25	Fe (Total):	<.50	Time:	1:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:15	26.15	92	5.99	36.5
11:20	26.31	78	6.17	22.2
11:25	25.67	78	6.19	10.7
11:30	27.02	80	6.23	7.6
11:35	25.56	83	6.27	7.5
11:40	26.51	84	6.33	10.6
11:45	25.46	84	6.36	14.6
11:50	25.77	84	6.34	21.6
11:55	24.31	85	6.39	29.5
12:00	24.62	84	6.38	29.0
12:05	24.81	83	6.34	33.8
12:10	24.75	83	6.31	30.2
12:15	24.44	81	6.27	28.1
12:20	24.23	79	6.23	25.1
12:25	24.54	78	6.18	23.4
12:30	24.66	76	6.15	21.3
12:35	24.23	72	6.11	20.9
12:40	24.45	73	6.08	20.4

Comments: continued on the next page

Verified by: Date:

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Kyle Massey

Date: 7/9/02 Well No.: 206 (cont.) Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
27.28	54.5	Mostly sunny, 90's	45	46

Disolved Oxygen (mg/L)	Begin Reading:	4.19	Time:	11:15	End Reading:	3.81	Time:	1:15
Redox (mV)	Begin Reading:	76	Time:	11:15	End Reading:	99	Time:	1:15
Iron (mg/L)	Fe (II):	<.50	Time:	1:25	Fe (Total):	<.50	Time:	1:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:45	24.60	72	6.05	18.9
12:50	24.47	73	6.03	16.5
12:55	24.56	71	6.01	14.8
1:00	24.61	70	5.96	13.2
1:05	24.45	69	5.92	12.2
1:10	24.71	68	5.91	10.4
1:15	24.11	69	5.92	9.5

Comments: * sampled at 1:20 p.m.

Verified by: [signature] Date: 7-28-02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Kyle Massey, Reggie Robinson

Date: 7/9/02 Well No.: 109 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
25.91	33		Partly sunny, 90's		40		5	
Disolved Oxygen (mg/L)	Begin Reading:	1.89	Time:	2:30	End Reading:	1.24	Time:	3:00
Redox (mV)	Begin Reading:	71	Time:	2:30	End Reading:	75	Time:	3:00
Iron (mg/L)	Fe (II):	<0.50	Time:	3:13	Fe (Total):	<0.50	Time:	3:21

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:30	28.03	45	4.25	73.8
2:35	28.11	44	4.16	16.7
2:40	29.23	44	4.22	7.9
2:45	28.83	43	4.24	3.1
2:50	29.11	43	4.26	1.6
2:55	26.93	44	4.26	1.3
3:00	26.07	44	4.25	0.9

Comments: Sampled at 3:05 p.m.

Verified by: [illegible] Date: 7-28-02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Kyle Massey, Reggie Robinson

Date: 7/9/02 Well No.: 209 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
25.48	70		mostly sunny 90s		48 KM		25	
Disolved Oxygen (mg/L)	Begin Reading:	4.57	Time:	3:45	End Reading:	1.07	Time:	5:00
Redox (mV)	Begin Reading:	109	Time:	3:45	End Reading:	63	Time:	5:00
Iron (mg/L)	Fe (II):	<0.50	Time:	5:20	Fe (Total):	<0.50	Time:	5:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:45	31.73	90	5.26	2.9
3:50	23.74	76	4.88	18.2
3:55	23.48	65	4.82	6.1
4:00	24.51	61	4.96	1.8
4:05	23.80	60	4.81	1.1
4:10	23.97	59	4.85	0.5
4:15	23.98	58	4.87	0.0
4:20	23.81	57	4.86	0.4
4:25	24.03	57	4.86	0.0
4:30	23.67	57	4.86	0.5
4:35	26.03	57	4.87	1.5
4:40	24.07	57	4.84	0.4
4:45	23.28	57	4.83	0.6
4:50	23.59	57	4.84	0.0
4:55	23.08	57	4.83	0.0
5:00	23.16	57	4.82	0.0
~~5:05~~ KM				
~~5:10~~ KM				

Comments: sampled @ 5:05 p.m. Rinse sampled (Pump ~~2~~) KM (pump 1) @ 5:25 p.m.

Verified by: [signature] Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 7/10/02 Well No.: 102 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
10.44	14.35		Sunny 90's		35		12	
Disolved Oxygen (mg/L)	Begin Reading:	.90	Time:	9:15	End Reading:	Dry	Time:	10:30
Redox (mV)	Begin Reading:	59	Time:	9:15	End Reading:	Dry	Time:	10:30
Iron (mg/L)	Fe (II):	7.75	Time:	12:00	Fe (Total):	11.25	Time:	12:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:15	21.51	764	6.09	107
9:20	20.99	710	6.45	31.1
9:25	21.42	706	6.61	15.2
9:30	21.80	754	6.67	12.6
9:35	22.49	787	6.72	30.0
9:40	22.65	820	6.72	30.1
9:45	22.97	817	6.75	31.0
9:50	23.11	797	6.81	20.2
9:55	23.25	782	6.85	14.2
10:00	23.71	773	6.86	19.7
10:05	24.02	763	6.87	21.5
10:10	23.95	755	6.89	13.2
10:15	24.57	745	6.89	13.5
10:20	24.72	733	6.90	12.5
10:25	24.85	725	6.92	12.1
Well Dry @	10:30	~~7.88~~	~~6.93~~ 8.88	

Comments: Well started to run dry at 9:30 - pump rate slowed. 10:30 Well was dry - waited till 11:30 to start sampling.

Verified by: J.C. Dixon Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 7/10/02 Well No.: 202 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
18.75	23.7		partly cloudy 90's		40		25	
Disolved Oxygen (mg/L)	Begin Reading:	.70 ~~.8~~ .13	Time:	12:30	End Reading:	.66	Time:	1:30
Redox (mV)	Begin Reading:	-55	Time:	12:30	End Reading:	-20	Time:	1:30
Iron (mg/L)	Fe (II):	4.10	Time:	1:45	Fe (Total):	4.15	Time:	1:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:30	19.56	81	6.53	200
12:35	19.25	68	5.95	27.4
12:40	19.29	67	5.71	20.9
12:45	19.19	64	5.58	13.0
12:50	19.07	62	5.50	9.2
12:55	19.50	59	5.41	4.9
1:00	18.95	63	5.45	9.8
1:05	18.90	62	5.42	8.6
1:10	18.95	62	5.40	9.8
1:15	18.86	61	5.40	5.6
1:20	18.95	59	5.42	6.6
1:25	18.82	63	5.43	8.7
1:30	19.05	61	5.40	4.1

Comments: Sampled @ 1:35

Verified by: J. Dixon Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 7/10/02 Well No.: 103 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
15.09	17.95	partly cloudy 90's	32	2

Disolved Oxygen (mg/L)	Begin Reading:	1.08	Time:	3:00	End Reading:	.68	Time:	3:35
Redox (mV)	Begin Reading:	66	Time:	3:00	End Reading:	54 ~~68~~ 33	Time:	3:35
Iron (mg/L)	Fe (II):	<.50	Time:	4:00	Fe (Total):	<.50	Time:	4:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:00	30.47	88	4.68	>440
3:05	27.56	77	4.55	>440
3:10	25.03	77	4.56	196
3:15	25.30	77	4.59	66.1
3:20	26.59	79	4.60	23.6
3:25	27.56	82	4.67	6.4
3:30	28.10	84	4.69	4.9
3:35	28.67	87	4.76	4.5

Comments: 3:35 well dry - waiting for recharge
Sampled @ 3:55

Verified by: [signature] Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 7/11/02 Well No.: 203 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
15.27	33.66	Sunny 90s	38	18

Disolved Oxygen (mg/L)	Begin Reading:	5.40	Time:	8:35	End Reading:	5.25	Time: 9:45
Redox (mV)	Begin Reading:	99	Time:	8:35	End Reading:	103	Time: 9:45
Iron (mg/L)	Fe (II):	<.50	Time:	9:59	Fe (Total):	<.50	Time: 10:08

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
8:35	22.23	53	4.46	>440
8:40	21.75	55	4.35	~~>440~~ 179
8:45	21.64	56	4.33	52.7
8:50	21.65	56	4.33	35.7
8:55	21.64	56	4.34	22.4
9:00	21.52	55	4.33	22.2
9:05	21.65	56	4.36	18.2
9:10	21.72	55	4.38	20.6
9:15	21.88	55	4.37	16.9
9:20	21.77	55	4.37	16.6
9:25	21.75	55	4.38	16.7
9:30	21.89	55	4.38	16.0
9:35	21.91	55	4.40	16.6
9:40	21.85	55	4.40	16.3
9:45	21.87	55	4.40	16.8

Comments: Sampled @ 9:50

Verified by: [signature] Date: 7-28-02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 7/11/02 Well No.: 2A Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
13.03	42		mostly sunny 90's		38		39	
Disolved Oxygen (mg/L)	Begin Reading:	1.65	Time:	10:55	End Reading:	.62	Time:	1:25
Redox (mV)	Begin Reading:	48	Time:	10:55	End Reading:	24	Time:	1:25
Iron (mg/L)	Fe (II):	2.50	Time:	1:40	Fe (Total):	2.50	Time:	1:48

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:55	24.86	48	4.28	124
11:00	24.92	49	4.31	259
11:05	25.03	49	4.34	239
11:10	24.69	50	4.34	185
11:15	24.63	50	4.34	167
11:25	25.25	50	4.37	152
11:35	25.40	50	4.39	114
11:45	24.96	50	4.39	100
11:55	24.61	50	4.38	95.2
12:05	23.15	50	4.39	91.2
12:15	22.16	50	4.30	91.1
12:25	21.44	51	4.37	90.6
12:35	22.38	51	4.40	52.2
12:45	22.48	51	4.44	23.2
12:55	22.68	51	4.42	18.5
1:05	21.58	51	4.40	16.6
1:15	22.55	51	4.42	16.5
1:25	22.79	51	4.42	16.0

Comments: Sampled @ 1:30

Verified by: [illegible] Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 7/12/02 Well No.: 5A Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
16.92	28.6	mostly sunny 90's	35	14

Disolved Oxygen (mg/L)	Begin Reading:	.83	Time:	8:10	End Reading:	1.08	Time:	8:40
Redox (mV)	Begin Reading:	163	Time:	8:10	End Reading:	58	Time:	8:40
Iron (mg/L)	Fe (II):	5.50	Time:	8:55	Fe (Total):	5.45	Time:	9:01

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
8:10	19.55	47	5.54	90.4
8:15	19.46	60	5.61	16.6
8:20	19.44	59	5.66	9.3
8:25	19.40	57	5.74	5.8
8:30	19.34	56	5.75	5.3
8:35	19.33	55	5.74	2.0
8:40	19.32	55	5.76	2.8

Comments: Sampled @ 8:45 a.m.

Verified by: [signature] Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 7/12/02 Well No.: 4A Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
18.97	49.5	mostly sunny 90°	40	45

Disolved Oxygen (mg/L)	Begin Reading:	6.20	Time:	9:40	End Reading:		Time:	
Redox (mV)	Begin Reading:	134	Time:	9:40	End Reading:		Time:	
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:40	21.71	48	5.23	>440
9:45	21.78	41	4.94	170
9:50	21.25	39	4.87	97.9
9:55	21.34	41	4.79	79.3
10:00	21.32	39	4.84	71.6
10:05	21.36	40	4.85	61.5
10:10	21.43	39	4.85	58.9
10:15	21.20	38	4.81	58.8
10:20	21.03	38	4.87	60.8
10:25	20.98	39	4.86	59.8
10:30	21.02	39	4.88	50.6
10:35	21.15	39	4.86	33.0
10:40	20.97	39	4.87	28.5
10:45	21.18	38	4.87	24.2
10:50	21.14	39	4.86	21.3
10:55	21.16	39	4.85	13.5
11:00	21.13	39	4.84	13.6
11:05	21.03	39	4.84	15.3

Comments: Continued on the next page.

Verified by: Date:

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson, Kyle Massey

Date: 7/12/02 Well No.: 4A (cont.) Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
18.97	49.5	mostly sunny 90's	40	45

Disolved Oxygen (mg/L)	Begin Reading:	6.20	Time:	9:40	End Reading:	6.19	Time:	11:35
Redox (mV)	Begin Reading:	134	Time:	9:40	End Reading:	200	Time:	11:35
Iron (mg/L)	Fe (II):	<.50	Time:	11:50	Fe (Total):	<.50	Time:	11:59

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:10	21.20	40	4.85	10.4
11:15	21.21	39	4.86	9.9
11:20	20.90	40	4.85	6.8
11:25	21.25	40	4.86	6.1
11:30	21.27	39	4.84	4.4
11:35	21.19	39	4.84	4.0

Comments: Sampled @ 11:40

Verified by: [signature] Date: 7-28-02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Kyle Massey

Date: 7/12/02 Well No.: 227 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
10.82	27.5	mostly sunny 90's	35	18

Disolved Oxygen (mg/L)	Begin Reading:	4.28	Time:	1:10	End Reading:	4.42	Time:	1:45
Redox (mV)	Begin Reading:	87	Time:	1:10	End Reading:	98	Time:	1:45
Iron (mg/L)	Fe (II):	<.50	Time:	2:00	Fe (Total):	<.50	Time:	2:08

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:10	23.61	54	4.45	80.2
1:15	22.94	55	4.32	30.3
1:20	22.43	56	4.29	9.2
1:25	23.45	54	4.35	5.5
1:30	23.29	55	4.36	2.9
1:35	23.20	55	4.39	2.4
1:40	23.26	55	4.40	1.6
1:45	23.15	55	4.42	1.7

Comments: Sampled @ 1:50

Verified by: Dixon Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 7/15/02 Well No.: 133 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
10.88	18.5		Mostly sunny 90°		35		15	
Disolved Oxygen (mg/L)	Begin Reading:	4.67	Time:	9:40	End Reading:	4.52	Time:	10:40
Redox (mV)	Begin Reading:	140	Time:	9:40	End Reading:	183	Time:	10:40
Iron (mg/L)	Fe (II):	<.50	Time:	10:55	Fe (Total):	<.50	Time:	11:04

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:40	22.50	48	4.34	161
9:45	22.38	49	4.29	129.4
9:50	23.66	49	4.27	19.7
9:55	23.85	49	4.31	16.3
10:00	24.00	49	4.29	13.9
10:05	24.18	49	4.29	10.8
10:10	24.08	49	4.31	9.2
10:15	23.93	49	4.32	9.8
10:20	23.96	49	4.30	8.5
10:25	24.20	49	4.31	6.6
10:30	23.70	49	4.31	5.5
10:35	24.11	49	4.32	4.8
10:40	24.06	48	4.32	4.5

Comments: Sampled @ 10:45 a.m. Duplicate Sampled

Verified by: [signature] Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 7/15/02 Well No.: 233 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
10.79	30.5		mostly sunny 90's		38		45	
Disolved Oxygen (mg/L)	Begin Reading:	4.61	Time:	11:25	End Reading:	5.16	Time:	1:20
Redox (mV)	Begin Reading:	-20	Time:	11:25	End Reading:	24	Time:	1:20
Iron (mg/L)	Fe (II):	<.50	Time:	1:30	Fe (Total):	<.50	Time:	1:37

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:25	25.95	46	4.14	117
11:30	26.61	47	4.15	82.3
11:35	25.32	47	4.14	39.2
11:40	29.28	47	4.23	24.4
11:45	23.44	48	4.17	18.0
11:50	23.75	48	4.21	19.4
11:55	23.62	48	4.24	22.2
12:00	23.50	48	4.25	21.7
12:05	23.51	49	4.25	22.3
12:10	25.75	48	4.29	22.1
12:15	26.41	48	4.29	19.8
12:20	21.76	49	4.23	19.7
12:25	21.88	49	4.28	15.1
12:30	21.84	49	4.30	16.6
12:35	21.73	49	4.35	15.4
12:40	21.77	49	4.33	12.8
12:45	21.75	49	4.33	9.9
12:50	21.84	49	4.33	9.8

Comments: Sample 1 @ 1:20 p.m. Continued on the next page.

Verified by: [signature] Date: 7-28-02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 7/15/02 Well No.: 233 (cont) Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
10.79	30.5	Mostly sunny 90's	38	45

Disolved Oxygen (mg/L)	Begin Reading:	4.61	Time:	11:25	End Reading:	5.16	Time:	1:20
Redox (mV)	Begin Reading:	-20	Time:	11:25	End Reading:	24	Time:	1:20
Iron (mg/L)	Fe (II):	<.50	Time:	1:30	Fe (Total):	<.50	Time:	1:37

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:55	21.66	49	4.34	8.3
1:00	21.84	49	4.34	7.8
1:05	21.95	49	4.34	5.3
1:10	21.79	49	4.34	4.7
1:15	21.82	49	4.34	5.0

Comments: Sampled @ 1:20 pm

Verified by: [signature] Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 7/15/02 Well No.: 214A Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
9.99	19	Mostly sunny 90's	38	35

Disolved Oxygen (mg/L)	Begin Reading:	1.61	Time:	2:15	End Reading:	1.70	Time:	3:05
Redox (mV)	Begin Reading:	-41	Time:	2:15	End Reading:	-65	Time:	3:05
Iron (mg/L)	Fe (II):	<.50	Time:	3:18	Fe (Total):	<.50	Time:	3:23

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:15	19.92	73	4.62	27.5
2:20	19.86	74	4.71	14.1
2:25	19.85	74	4.70	9.0
2:30	19.42	74	4.76	8.5
2:35	19.88	74	4.78	6.2
2:40	19.30	74	4.79	8.2
2:45	19.68	74	4.81	3.7
2:50	19.63	74	4.82	3.1
2:55	19.77	74	4.85	2.1
3:00	19.63	73	4.87	1.3
3:05	19.66	74	4.88	.5

Comments: Sampled @ 3:10 p.m.

Verified by: J. Dixon Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 7/16/02 Well No.: 219 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
10.11	19.5		sunny 90's		35		38	
Disolved Oxygen (mg/L)	Begin Reading:	3.08	Time:	8:15	End Reading:	2.12	Time:	9:15
Redox (mV)	Begin Reading:	190	Time:	8:15	End Reading:	257	Time:	9:15
Iron (mg/L)	Fe (II):	<.50	Time:	9:30	Fe (Total):	<.50	Time:	9:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
8:15	21.19	41	4.65	78
8:25	20.94	40	4.54	34.1
8:35	20.94	40	4.53	19.3
8:45	21.02	39	4.55	11.4
8:55	21.11	40	4.56	8.5
9:05	21.12	40	4.55	8.5
9:15	21.26	40	4.55	8.7

Comments: Sampled @ 9:20 a.m.

Verified by: [signature] Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 7/16/02 Well No.: 224 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
29.31	54	Sunny 90's	40	15

Disolved Oxygen (mg/L)	Begin Reading:	6.10	Time:	10:50	End Reading:	6.18	Time:	11:40
Redox (mV)	Begin Reading:	161	Time:	10:50	End Reading:	72	Time:	11:40
Iron (mg/L)	Fe (II):	<.50	Time:	11:55	Fe (Total):	<.50	Time:	12:03

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:50	22.47	57	4.71	23.2
10:55	21.89	58	4.65	17.9
11:00	22.11	59	4.67	11.4
11:05	21.76	59	4.67	9.2
11:10	21.86	60	4.67	6.8
11:15	21.96	60	4.68	5.5
11:20	21.92	60	4.69	4.9
11:25	21.85	61	4.70	4.0
11:30	22.03	61	4.71	3.4
11:35	21.98	61	4.70	3.9
11:40	21.90	61	4.71	3.4

Comments: Sampled @ 11:45 a.m.

Verified by: [illegible] Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 7/16/02 Well No.: 124 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
29.15	39	Sunny 90's	40	30

Disolved Oxygen (mg/L)	Begin Reading:	5.15	Time:	12:40	End Reading:	5.17	Time:	1:40
Redox (mV)	Begin Reading:	39	Time:	12:40	End Reading:	35	Time:	1:40
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)
12:40	22.47	66	4.13	>440
12:45	21.79	67	4.11	259
12:50	22.25	67	4.28	113
12:55	22.00	66	4.20	52.2
1:00	21.96	66	4.18	30.0
1:05	22.19	67	4.30	12.6
1:10	22.19	66	4.32	10.7
1:15	22.06	66	4.25	5.9
1:20	21.98	66	4.31	2.8
1:25	21.81	67	4.32	1.9
1:30	22.07	66	4.33	1.1
1:35	21.94	66	4.35	0.9
1:40	22.04	66	4.36	0.5

Comments: Sampled @ 1:45pm.

Verified by: [signature] Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 7/16/02 Well No.: 116 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
8.54	19		Partly cloudy 90's		37		15	
Disolved Oxygen (mg/L)	Begin Reading:	.75	Time:	2:40	End Reading:	2.12	Time:	3:35
Redox (mV)	Begin Reading:	58	Time:	2:40	End Reading:	51	Time:	3:35
Iron (mg/L)	Fe (II):	.70	Time:	3:45	Fe (Total):	.75	Time:	3:52

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:40	27.75	34	4.63	222
2:50	26.81	40	4.40	17.5
3:00	27.94	42	4.41	5.3
3:10	27.01	43	4.42	3.4
3:20	26.84	43	4.47	2.2
3:30	27.47	43	4.44	.8

Comments: Sampled @ 3:35

Verified by: [signature] Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 7/16/02 Well No.: 216 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
8.69	40.5	mostly sunny 90's	40	16

Disolved Oxygen (mg/L)	Begin Reading:	6.59	Time:	4:10	End Reading:	7.21	Time:	4:50
Redox (mV)	Begin Reading:	46	Time:	4:10	End Reading:	43	Time:	4:50
Iron (mg/L)	Fe (II):	<.50	Time:	5:05	Fe (Total):	<.50	Time:	5:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
4:10	24.38	60	4.54	16.8
4:15	23.91	60	4.53	4.8
4:20	24.24	60	4.54	3.8
4:25	23.85	60	4.55	1.6
4:30	23.60	60	4.57	1.4
4:35	23.49	60	4.61	0.8
4:40	23.64	60	4.62	0.6
4:45	23.50	60	4.63	0.1
4:50	23.48	60	4.64	0.1

Comments: Sampled @ 4:55

Verified by: Johnson Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 7/17/02 Well No.: 220 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
26.19	31.5	sunny 90's	40	6

Disolved Oxygen (mg/L)	Begin Reading:	4.39	Time:	9:00	End Reading:	4.22	Time:	9:20
Redox (mV)	Begin Reading:	283	Time:	9:00	End Reading:	145	Time:	9:20
Iron (mg/L)	Fe (II):	<.50	Time:	9:35	Fe (Total):	<.50	Time:	9:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:00	22.42	57	4.28	26.5
9:05	21.95	58	4.44	5.7
9:10	21.89	58	4.52	.7
9:15	21.73	58	4.53	0.0
9:20	22.19	58	4.55	0.0
~~4.33~~				

Comments: Sampled @ 9:25

Verified by: J. Dixon Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Kyle Massey

Date: 7/17/02 Well No.: 123 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
22.88	26	Sunny 90's	38	6

Disolved Oxygen (mg/L)	Begin Reading:	4.11	Time:	10:20	End Reading:	~~2~~ 3 4.18	Time:	10:50
Redox (mV)	Begin Reading:	58	Time:	10:20	End Reading:	31	Time:	10:50
Iron (mg/L)	Fe (II):	<.50	Time:	11:03	Fe (Total):	<.50	Time:	11:09

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:20	24.84	68	4.84	90.3
10:25	23.63	67	4.75	21.4
10:30	23.55	65	4.79	7.7
10:35	23.80	64	4.70	2.4
10:40	23.60	64	4.69	0.6
10:45	23.54	63	4.70	0.0
10:50	23.49	63	4.71	0.5

Comments: Sampled @ 10:55 a.m. Dup. Sampled

Verified by: [signature] Date: 7.26.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Kyle Massey

Date: 7/17/02 Well No.: 223 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
22.88			Sunny 90's		60		28.5	
Disolved Oxygen (mg/L)	Begin Reading:	6.58	Time:	11:30	End Reading:	7.53	Time:	12:20
Redox (mV)	Begin Reading:	16	Time:	11:30	End Reading:	23	Time:	12:20
Iron (mg/L)	Fe (II):	6.50	Time:	12:32	Fe (Total):	6.50	Time:	12:39

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:30	21.48	51	5.10	22
11:35	20.92	50	4.94	12.6
11:40	21.57	49	4.89	1.4
11:45	20.73	49	4.86	0.2
11:50	20.19	49	4.89	0.0
12:00	20.27	50	4.88	0.0
12:10	20.14	50	4.88	0.2
12:20	20.11	50	4.83	0.0

Comments: Sampled @ 12:25 p.m

Verified by: [signature] Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker Kyle Massey

Date: 7/17/02 Well No.: 111 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
39.28	46	Sunny high 90's	38	5

Disolved Oxygen (mg/L)	Begin Reading:	5.27	Time:	2:10	End Reading:	5.49	Time:	2:35
Redox (mV)	Begin Reading:	121	Time:	2:10	End Reading:	80	Time:	2:35
Iron (mg/L)	Fe (II):	<.50	Time:	2:46	Fe (Total):	<.50	Time:	2:53

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:10	27.63	68	4.94	24.6
2:15	27.02	67	4.78	20.5
2:20	25.88	65	4.89	3.0
2:25	24.61	66	4.82	0.4
2:30	24.34	66	4.80	0.0
2:35	24.19	66	4.79	0.0

Comments: Sampled @ 2:40 p.m.

Verified by: [illegible] Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Kyle Massey

Date: 7/17/02 Well No.: 211 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
39.74	81		Mostly sunny 90's		55		22.5	
Disolved Oxygen (mg/L)	Begin Reading:	5.90	Time:	3:10	End Reading:	7.33	Time:	3:55
Redox (mV)	Begin Reading:	60	Time:	3:10	End Reading:	52	Time:	3:55
Iron (mg/L)	Fe (II):	<.50	Time:	4:10	Fe (Total):	<.50	Time:	4:18

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:10	23.60	76	4.94	25.6
3:15	21.87	76	4.88	5.9
3:20	21.99	76	4.85	1.3
3:25	22.09	76	4.92	0.5
3:30	21.55	76	4.95	0.0
3:35	21.63	76	4.97	0.0
3:40	21.56	77	4.99	0.0
3:45	21.22	77	5.00	0.0
3:50	21.56	77	5.01	0.0
3:55	21.46	77	5.01	0.0

Comments: Sampled @ 4:00 p.m.

Verified by: [signature] Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Kyle Massey

Date: 7/18/02 Well No.: 132 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
22.82	29		Sunny 90's		35		33	
Disolved Oxygen (mg/L)	Begin Reading:	5.73	Time:	9:10	End Reading:	5.58	Time:	10:45
Redox (mV)	Begin Reading:	102	Time:	9:10	End Reading:	96	Time:	10:45
Iron (mg/L)	Fe (II):	<.50	Time:	BD ~~<.50~~ 10:55	Fe (Total):	<.50	Time:	10:59

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:10	24.39	140	4.68	114
9:20	22.43	113	4.63	122
9:30	22.40	104	4.67	89.5
9:40	22.33	97	4.70	21.9
9:50	22.26	95	4.71	5.7
10:00	22.41	93	4.72	0.7
10:05	22.59	91	4.74	0.5
10:10	22.50	91	4.74	0.0
10:15	22.48	90	4.75	3.1
10:20	22.26	90	4.74	3.0
10:25	22.36	88	4.75	8.7
10:30	22.30	88	4.75	14.2
10:35	23.59	86	4.74	5.8
10:40	23.62	85	4.73	0.0
10:45	23.40	87	4.72	0.0

Comments: Sampled @ 10:50 am.

Verified by: Johnson Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Kyle Massey

Date: 7/18/02 Well No.: 232 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
22.88	56.5	Sunny 80's	40	~~40~~ BB 18

Disolved Oxygen (mg/L)	Begin Reading:	6.22	Time:	11:30	End Reading:	6.50	Time:	12:05
Redox (mV)	Begin Reading:	52	Time:	11:30	End Reading:	46	Time:	12:05
Iron (mg/L)	Fe (II):	<.50	Time:	12:20	Fe (Total):	<.50	Time:	12:29

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:30	22.65	59	5.35	~~10.4~~ BB 15.2
11:35	22.51	54	5.38	8.2
11:40	22.51	54	5.34	3.8
11:45	22.22	54	5.36	2.2
11:50	22.38	54	5.35	1.2
11:55	22.16	54	5.34	1.2
12:00	22.30	54	5.33	0.9
12:05	22.32	54	5.34	0.8

Comments: Sampled @ 12:10 p.m.

Verified by: [signature] Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson, Kyle Massey

Date: 7/18/02 Well No.: 128 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
21.25	BP 26.5	Sunny 90's	35	6

Disolved Oxygen (mg/L)	Begin Reading:	5.23	Time:	1:45	End Reading:	5.17	Time:	2:15
Redox (mV)	Begin Reading:	-44	Time:	1:45	End Reading:	4	Time:	2:15
Iron (mg/L)	Fe (II):	<.50	Time:	2:30	Fe (Total):	<.50	Time:	2:36

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:45	25.48	47	4.67	25.6
1:50	25.04	47	4.76	4.3
1:55	24.68	47	4.80	1.1
2:00	25.02	47	4.74	0.0
2:05	25.17	47	4.73	0.1
2:10	25.30	47	4.75	0.6
2:15	25.02	47	4.76	0.0

Comments: Sampled @ 2:20

Verified by: [signature] Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Kyle Massey

Date: 7/18/02 Well No.: 228 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
21.42	50.55		partly cloudy 90's		40		16	
Disolved Oxygen (mg/L)	Begin Reading:	2.97	Time:	3:00	End Reading:	3.92	Time:	3:40
Redox (mV)	Begin Reading:	-29	Time:	3:00	End Reading:	-34	Time:	3:40
Iron (mg/L)	Fe (II):	<.50	Time:	3:55	Fe (Total):	<.50	Time:	4:03

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:00	21.63	87	4.80	24.7
3:05	21.69	89	4.82	10.2
3:10	21.56	90	4.84	3.4
3:15	21.39	90	4.89	1.4
3:20	21.61	90	4.94	0.8
3:25	21.52	91	4.97	0.5
3:30	21.35	91	4.99	0.2
3:35	21.26	91	4.99	0.1
3:40	21.42	91	5.00	0.0

Comments: Sampled @ 3:45 p.m.

Verified by: [illegible] Date: 7.28.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Greg Meeks / Chris Krafcheck

Date: 7-8-02 Well No.: 105 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
21.77	27	P-Cloudy 90's	30	13

Disolved Oxygen (mg/L)	Begin Reading:	4.14	Time:	12:04	End Reading:	3.78	Time:	1:00
Redox (mV)	Begin Reading:	413.6	Time:	12:04	End Reading:	369.1	Time:	1:00
Iron (mg/L)	Fe (II):	0.0 <0.50	Time:	1:16 pm	Fe (Total):	0.0 <0.50	Time:	1.29

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:00 pm	22.03	53	4.77	102
12:05	21.19	52	4.74	26.9
12:10	21.40	52	4.70	23.8
12:15	21.36	52	4.70	15.8
12:20	21.55	53	4.67	8.8
12:25	21.96	53	4.70	5.8
12:30	21.49	53	4.70	5.6
12:35	21.48	53	4.69	6.1
12:40	21.60	53	4.69	1.9
12:45	21.39	53	4.68	3.5
12:50	21.60	53	4.68	2.5
12:55	21.61	54	4.68	2.5
1:00	21.60	54	4.68	2.4

Comments: Sampled at 1:05pm

Verified by: J. Johnson Date: 7.24.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Greg Meeks / Chris Krafcheck

Date: 7/8/02 Well No.: 204 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
23.23	64		P. Cloudy mid 90 °F		45		26	
Disolved Oxygen (mg/L)	Begin Reading:	5.83	Time:	2:45	End Reading:	4.98	Time:	3:50
Redox (mV)	Begin Reading:	266.3	Time:	2:45	End Reading:	329.6	Time:	3:50pm
Iron (mg/L)	Fe (II):	<0.50	Time:	3:55	Fe (Total):	<0.50	Time:	4:00pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:45	26.83	52	5.26	18.2
2:50	26.08	49	5.02	26.9
2:55	27.50	49	5.03	14.1
3:00	25.39	47	4.96	6.6
3:05	25.49	47	4.96	3.7
3:10	26.86	48	4.99	2.6
3:15	25.57	47	4.95	2.2
3:20	25.35	45	4.94	2.1
3:25	25.51	45	4.95	1.6
3:30	24.86	44	4.92	1.6
3:35	24.85	44	4.92	1.7
3:40	24.84	44	4.93	1.7
3:45	24.86	44	4.93	1.8
3:50	24.85	44	4.93	1.7

Comments: Sampled at 3:55pm

Verified by: [signature] Date: 7.29.02 KG

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Greg Meeks Chris Kraftcheck

Date: 7/9/02 Well No.: 207 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
27.5	67.5	Sunny Upper 90°F	42	22

Disolved Oxygen (mg/L)	Begin Reading:	2.92	Time:	9:35	End Reading:	3.16	Time:	10:25
Redox (mV)	Begin Reading:	119.3	Time:	9:35	End Reading:	243.6	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)
9:35	23.63	52	5.61	283
9:40	23.45	44	5.36	101
9:45	23.76	44	5.33	21.8
9:50	23.25	45	5.24	12.8
9:55	23.28	47	5.18	9.7
10:00	24.04	48	5.22	6.3
10:05	23.13	48	5.20	5.3
10:10	23.20	49	5.17	3.9
10:15	23.26	49	5.17	3.7
10:20	23.35	50	5.17	3.8
10:25	23.28	50	5.17	3.8

Comments: Sampled at 10:30 am.

Verified by: [signature] Date: 7.24.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris

Date: 7/9/02 Well No.: 107 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
27.38	35	Sunny 90°	40	12

Disolved Oxygen (mg/L)	Begin Reading:	4.85	Time:	11:00	End Reading:	6.36	Time:	11:55
Redox (mV)	Begin Reading:	164.2	Time:	11:00	End Reading:	277.7	Time:	11:55
Iron (mg/L)	Fe (II):	<0.50	Time:	12:00	Fe (Total):	<0.50	Time:	12:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:00	27.55	142	5.43	334
11:05	23.56	78	4.98	259
11:10	23.55	70	4.94	179
11:15	22.88	66	4.88	28.7
11:20	23.57	65	4.85	18.9
1125	23.51	64	4.82	10.8
1130	23.58	63	4.80	9.3
1135	23.63	62	4.79	6.9
1140	23.83	62	4.76	5.6
1145	23.68	63	4.75	4.6
1150	22.79	62	4.74	4.7
1155	23.65	62	4.72	4.7

Comments: Sampled @ 12:00pm

Verified by: [signature] Date: 7.24.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kraftcheck Todd Kraft

Date: 7/9/02 Well No.: 208 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
17.87	52		Partly Cloudy 90°		42		23	
Disolved Oxygen (mg/L)	Begin Reading:	3.91	Time:	2:00	End Reading:	4.50	Time:	2:40
Redox (mV)	Begin Reading:	151.7	Time:	2:00	End Reading:	246.4	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)
2:00	25.75	67	5.63	34.9
2:05	23.37	42	5.15	10.6
2:10	22.73	43	5.06	9.2
2:15	22.83	41	5.01	9.2
2:20	22.70	43	4.87	6.9
2:25	23.00	43	4.88	5.7
2:30	22.46	42	4.83	4.6
2:35	22.51	44	4.83	4.7
2:40	23.10	43	4.82	4.6

Comments: Sampled @ 2:45pm

Verified by: [illegible] Date: 7.24.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: C. Krafcheck / T. Kraft

Date: 7/9/02 Well No.: 108 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
17.70	25		Partly Cloudy 95		42		14	
Disolved Oxygen (mg/L)	Begin Reading:	6.25	Time:	3:25	End Reading:	4.65	Time:	4:00
Redox (mV)	Begin Reading:	255.8	Time:	3:25	End Reading:	349.8	Time:	4:00
Iron (mg/L)	Fe (II):	<0.50	Time:	4:05	Fe (Total):	<0.50	Time:	4:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:25	23.50	58	4.36	<440
3:30	22.95	58	4.22	20.9
3:35	23.21	57	4.22	17.3
3:40	23.02	58	4.19	14.1
3:45	22.97	57	4.15	9.8
3:50	23.07	57	4.12	9.3
3:55	22.95	57	4.12	9.4
4:00	23.03	57	4.12	9.3

Comments: Sampled at 4:05 pm.

Verified by: [illegible] Date: 7.24.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratcheck ; Todd Kraft

Date: 7/10/02 Well No.: 101 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
9.00	12.5	Sunny, 90°	25	50

Disolved Oxygen (mg/L)	Begin Reading:	5.15	Time:	9:10	End Reading:	5.56	Time:	12:15
Redox (mV)	Begin Reading:	222.6	Time:	9.10	End Reading:	331	Time:	12:15
Iron (mg/L)	Fe (II):	<0.50	Time:	12:20	Fe (Total):	<0.50	Time:	12:25

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:10	25.44	42	4.49	>440
9:15	23.94	41	4.09	>440
9:20	23.84	41	4.16	>440
9:25	23.83	41	4.16	410
9:30	23.85	41	4.16	311
9:35	23.87	41	4.16	235
9:40	23.87	41	4.16	202
9:45	23.93	41	4.16	133
9:50	23.96	41	4.16	143
9:55	24.17	40	4.17	173
10:00	24.04	41	4.17	125
10:05	24.26	42	4.20	102
10:10	24.32	41	4.20	91.4
10:15	24.07	41	4.20	74.4
10:20	23.74	40	4.20	78.3
10:25	24.28	41	4.20	53.6
10:30	24.36	41	4.20	48.5
10:35	24.57	42	4.20	40.7

Comments: Took out Mini troll @ 8:55am.

Continued on the next page

Verified by: [signature] Date: 7.24.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Krafchek ; Todd Kraft

Date: 7/10/02 Well No.: Cont. 101 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
		Sunny mid 90's		

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

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:40	24.60	41	4.16	38.7
10:45	24.88	41	4.20	38.1
10:50	24.58	41	4.20	33.6
10:55	24.11	41	4.20	33.0
11:00	24.05	40	4.20	32.7
11:05	23.75	41	4.20	25.9
11:10	24.11	41	4.20	29.5
11:15	24.51	42	4.20	25.3
11:20	24.20	41	4.20	25.0
11:25	24.79	41	4.20	25.4
11:30	24.26	42	4.20	26.9
11:35	24.93	41	4.20	19.6
11:40	25.07	41	4.20	21.3
11:45	25.50	41	4.20	21.5
11:50	25.46	41	4.20	21.5
11:55	25.52	41	4.20	21.5
12:00	25.14	41	4.20	22.3
12:05	24.15	41	4.20	14.6

Comments: Continued on the next page

Verified by: [signature] Date: 7.24.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratcheck ; Todd Kraft

Date: 7/10/02 Well No.: Cont. 101 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
		Partly Cloudy 90's		

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

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:10	23.76	41	4.20	15.7
12:15	24.91	41	4.20	15.5

Comments: Sampled at 12:20 pm Mini trall Back in 12:40 pm
Split Samples with Walker from Goodyear

Verified by: Johnson Date: 7.24.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Todd Kraft Chris Kratochek

Date: 7/10/02 Well No.: 201 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
9.15	27.93		Partly Cloudy 90's		35		20	
Disolved Oxygen (mg/L)	Begin Reading:	6.45	Time:	1:00	End Reading:	5.62	Time:	1:50
Redox (mV)	Begin Reading:	233.7	Time:	1:00	End Reading:	232.2	Time:	1:50
Iron (mg/L)	Fe (II):	<0.50	Time:	1:55	Fe (Total):	<0.50	Time:	2:00

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:00pm	23.28	56	5.05	143
1:05pm	21.03	52	4.92	72.5
1:10 pm	21.30	53	4.99	36.0
1:15 pm	20.71	53	4.94	25.2
1:20 pm	20.62	52	4.83	18.7
1:25	20.70	52	4.77	16.3
1:30	21.06	53	4.72	10.1
1:35	21.10	53	4.77	7.5
1:40	20.60	53	4.65	8.1
1:45	21.06	52	4.63	8.0
1:50	21.10	53	4.69	8.0

Comments: Sampled @ 1:55pm
Split w/ Goodyear - Walker

Verified by: [signature] Date: 7.24.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratchach Todd Kraft

Date: 7/10/02 Well No.: 229 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
19.90	~~229~~ CPC 40	90's	40	14

Disolved Oxygen (mg/L)	Begin Reading:	8.04	Time:	2:55	End Reading:	7.20	Time:	3:25
Redox (mV)	Begin Reading:	228.6	Time:	2:55	End Reading:	300.7	Time:	3:25
Iron (mg/L)	Fe (II):	<0.50	Time:	3:30	Fe (Total):	<0.50	Time:	3:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:55	24.36	60	4.59	330
3:00	22.95	58	4.40	120
3:05	22.78	56	4.49	333
3:10	22.49	58	4.43	25.6
3:15	22.58	58	4.38	9.6
3:20	22.40	58	4.38	9.5
3:25	22.34	58	4.37	9.6

Comments: Sampled at 3:30pm
Split w/ Goodyear Cayward + Mills

Verified by: [illegible] Date: 7.24.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratchenk Todd Kraft

Date: 7/10/02 Well No.: 129 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
20.17	27.5	Sunny 90's	40	20

Disolved Oxygen (mg/L)	Begin Reading:	5.68	Time:	4:10	End Reading:	5.44	Time:	5:00
Redox (mV)	Begin Reading:	230.0	Time:	4:10	End Reading:	341.8	Time:	5:00
Iron (mg/L)	Fe (II):	<0.50	Time:	5:05	Fe (Total):	<0.50	Time:	5:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
4:10	27.07	62	4.32	>440
4:15	22.17	58	4.03	138
4:20	22.63	59	4.19	44.8
4:25	21.96	58	3.98	25.9
4:30	22.06	58	4.07	18.6
4:35	22.68	59	4.10	13.9
4:40	22.15	58	4.11	13.2
4:45	22.15	58	4.11	13.1
4:50	22.34	58	4.11	6.7
4:55	22.36	58	4.11	6.6
5:00	22.15	58	4.11	6.6

Comments: Sampled at 5:05pm w/ GMC

Verified by: [signature] Date: [signature] 7.24.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratchock Todd Kraft

Date: 7/11/02 Well No.: 131 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
11.32	24		Partly Cloudy 85°		40		65	
Disolved Oxygen (mg/L)	Begin Reading:	4.15	Time:	8:45	End Reading:	6.35	Time:	10:40
Redox (mV)	Begin Reading:	237.4	Time:	8:45	End Reading:	220.5	Time:	10:40
Iron (mg/L)	Fe (II):	<0.50	Time:	10:45	Fe (Total):	<0.50	Time:	10:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
8:45	21.86	55	5.27	>440
8:50	19.34	40	4.39	>440
8:55	19.36	39	4.48	>440
9:00	19.20	39	4.62	>440
9:05	19.46	40	4.69	>440
9:10	19.37	38	4.67	>440
9:15	19.52	39	4.65	>440
9:20	19.50	39	4.58	>440
9:25	19.46	39	4.73	416
9:30	19.38	39	4.73	317
9:35	19.40	39	4.73	226
9:40	19.40	39	4.73	202
9:45	19.36	39	4.71	137
9:50	19.42	40	4.70	101
9:55	19.39	39	4.70	84.1
10:00	19.34	39	4.70	65.8
10:05	19.43	40	4.70	51.7
10:10	19.40	40	4.70	51.4

Comments: Took out Mini Troll at 8:25am
Mini Troll Back in at 10:55 am *Continued on next page

Verified by: Date:

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kraft Todd Kraft

Date: 7/11/02 Well No.: 131 Cont Sampling Method: Bladder Pump

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

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

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:15	19.60	40	4.70	46.6
10:20	19.59	40	4.70	40.8
10:25	19.64	40	4.65	33.1
10:30	19.53	40	4.70	30.3
10:35	19.55	40	4.75	30.3
10:40	19.61	40	4.70	30.1

Comments: Sampled at 10:45am w/ walkers

Verified by: [signature] Date: 7.24.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratchach Todd Kraft

Date: 7/11/02 Well No.: 231 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
11.31	33	sunny 90's	40	33

Disolved Oxygen (mg/L)	Begin Reading:	8.28	Time:	11:20	End Reading:	5.80	Time:	12:15
Redox (mV)	Begin Reading:	231.2	Time:	11:20	End Reading:	254	Time:	12:15
Iron (mg/L)	Fe (II):	<0.50	Time:	12:15	Fe (Total):	<0.50	Time:	12:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:20	20.23	38	5.15	14.8
11:25	20.02	38	5.10	6.9
11:30	19.97	38	5.06	5.1
11:35	20.00	38	5.06	4.3
11:40	20.24	38	5.06	4.4
11:45	19.88	46	4.98	6.1
11:50	19.45	46	4.96	5.0
11:55	19.70	46	4.98	5.8
12:00	19.62	46	4.98	5.0
12:05	19.40	46	4.98	5.2
12:10	19.46	46	4.98	5.0
12:15	19.46	46	4.98	5.2

Comments: Sampled at 12:20 w/walker

Verified by: [illegible] Date: 7.24.12

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Krafcheck Todd Kraft

Date: 7/12/02 Well No.: 3A Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
15	42	Cloudy 80s	45	80

Disolved Oxygen (mg/L)	Begin Reading:	7.76	Time:	8:00	End Reading:	7.38	Time:	9:25
Redox (mV)	Begin Reading:	302.8	Time:	8:00	End Reading:	337.1	Time:	9:25
Iron (mg/L)	Fe (II):	<0.50	Time:	9:30	Fe (Total):	<0.50	Time:	9:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
8:00	19.84	48	4.22	>440
8:05	19.79	46	4.36	193
8:10	19.73	45	4.40	181
8:15	19.54	44	4.45	179
8:20	19.61	42	4.45	85.6
8:25	19.63	42	4.63	56
8:30	19.59	41	4.67	52.1
8:35	19.66	41	4.68	37.6
8:40	19.65	41	4.68	38.8
8:45	19.66	41	4.68	35.8
8:50	19.64	41	4.71	34.4
8:55	19.63	40	4.68	28.4
9:00	19.61	41	4.69	27.3
9:05	19.69	40	4.70	25.1
9:10	19.75	40	4.69	23.3
9:15	19.81	40	4.69	20.1
9:20	19.68	40	4.69	20.1
9:25	19.78	40	4.69	20.8

Comments: Sampled at 9:30am Took samples for VOC for Goodwyn

Verified by: [signature] Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kraftchock Todd Kraft

Date: 7/12/02 Well No.: MW 1A Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
12.59	43.5	Partly Cloudy 85°	40	60

Disolved Oxygen (mg/L)	Begin Reading:	6.52	Time:	10:30	End Reading:	8.50	Time:	11:45
Redox (mV)	Begin Reading:	213.4	Time:	10:30	End Reading:	318.8	Time:	11:45
Iron (mg/L)	Fe (II):	0.60	Time:	11:50	Fe (Total):	0.65	Time:	11:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:30	22.19	59	4.65	1440
10:35	20.86	57	4.54	242
10:40	20.93	56	4.59	110
10:45	20.92	56	4.60	55.9
10:50	20.85	56	4.60	38.2
10:55	20.94	56	4.60	28.3
11:00	20.86	56	4.60	25.8
11:05	20.96	56	4.60	18.1
11:10	20.86	56	4.60	17.4
11:15	20.97	56	4.60	15.7
11:20	21.00	56	4.60	13.2
11:25	20.93	56	4.60	14.1
11:30	20.90	56	4.62	11.3
11:35	20.83	56	4.62	9.4
11:40	21.90	56	4.62	9.4
11:45	21.83	56	4.62	8.9

Comments: Sampled at 11:50 am

Verified by: [illegible] Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Krefchel

Date: 7/12/02 Well No.: 226 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
15.32	21		mostly cloudy 90°		40		65	
Disolved Oxygen (mg/L)	Begin Reading:	8.25	Time:	1:10	End Reading:	7.95	Time:	2:15
Redox (mV)	Begin Reading:	225.8	Time:	1:10	End Reading:	297.6	Time:	2:15
Iron (mg/L)	Fe (II):	<0.50	Time:	2:20	Fe (Total):	<0.50	Time:	2:25

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
~~22.09~~ 1:10	22.09	51	4.66	>440
1:15	22.02	50	4.65	286
1:20	22.11	50	4.63	99.2
1:25	22.07	50	4.66	49.8
1:30	22.11	50	4.66	35.8
1:35	22.08	50	4.65	30.4
1:40	22.14	50	4.66	23.9
1:45	22.00	50	4.66	20.8
1:50	22.15	50	4.65	20.1
1:55	22.30	50	4.62	11.4
2:00	22.32	50	4.60	7.0
2:05	22.31	50	4.62	4.8
2:10	22.21	50	4.62	4.7
2:15	22.23	50	4.62	4.7

Comments: Sampled at 2:20pm

Verified by: [illegible] Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kretschmer Kyle Massey

Date: 7/15/02 Well No.: 213 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
12.93	36		Partly Cloudy 80's		40		42	
Disolved Oxygen (mg/L)	Begin Reading:	3.53	Time:	9:25	End Reading:	4.10	Time:	10:35
Redox (mV)	Begin Reading:	262.9	Time:	9:25	End Reading:	330.3	Time:	10:35
Iron (mg/L)	Fe (II):	<0.50	Time:	10:40	Fe (Total):	<0.50	Time:	10:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:25	22.12	60 ~~262.9~~ CK	4.67	73.2
9:30	20.74	61	4.35	85.0
9:35	20.58	62	4.49	92.3
9:40	20.59	59	4.49	98
9:45	20.44	58	4.45	57.9
9:50	20.71	58	4.45	25.7
9:55	21.23	58	4.44	18.9
10:00	20.70	57	4.45	13.5
10:05	20.80	57	4.47	10.6
10:10	20.79	57	4.54	9.3
10:15	20.76	57	4.47	8.1
10:20	20.96	57	4.48	6.2
10:25	20.62	56	4.46	5.5
10:30	21.00	56	4.46	5.9
10:35	20.95	56	4.46	5.6
10:				

Comments: Sampled at 10:40am

Verified by: [signature] Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratochvil Kyle Massey

Date: 7/15/02 Well No.: 113 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
11.73	20.5	Partly Cloudy 90's	40	3Q

Disolved Oxygen (mg/L)	Begin Reading:	2.50	Time:	11:00	End Reading:	3.41	Time:	12:20
Redox (mV)	Begin Reading:	247.9	Time:	11:00	End Reading:	410.9	Time:	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)
11:00	22.33	39	4.26	>440
11:05	20.37	40	3.98	>440
11:10	20.33	40	3.99	>440
11:15	20.32	40	4.02	>440
11:20	20.29	40	4.02	85.8
11:25	20.32	40	4.02	37.6
11:30	20.29	40	4.02	42.3
11:35	20.35	40	4.02	34.0
11:40	20.38	40	4.02	20.2
11:45	20.26	40	4.02	19.7
11:50	20.38	40	4.02	14.4
11:55	20.32	39	4.02	13.1
12:00	20.33	39	4.02	10.8
12:05	20.34	39	4.02	7.4
12:10	20.34	39	4.02	5.6
12:15	20.34	39	4.02	5.7
12:20	20.34	39	4.02	5.8

Comments: Sampled at 12:25

Verified by: [signature] Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratochwil ; Kyle Massey

Date: 7-15-02 Well No.: 210 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
2.85	9		Partly Cloudy 90's		40		36	
Disolved Oxygen (mg/L)	Begin Reading:	1.17	Time:	2:00	End Reading:	1.16	Time:	3:30
Redox (mV)	Begin Reading:	49.9	Time:	2:00	End Reading:	30.1	Time:	3:30
Iron (mg/L)	Fe (II):	<0.50	Time:	5:35	Fe (Total):	<0.50	Time:	5:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:00	26.80	458	6.61	>440
2:05	26.49	448	6.60	255
2:10	26.73	442	6.61	139
2:15	26.80	439	6.61	66.7
2:20	26.68	437	6.61	79.2
2:25	26.73	436	6.61	70.2
2:30	26.61	434	6.61	56.1
2:35	26.40	432	6.60	48.5
2:40	26.74	434	6.60	37.5
2:45	26.69	433	6.60	30.2
2:50	26.67	432	6.60	23.7
2:55	26.71	432	6.60	22.3
3:00	26.65	431	6.59	22.5
3:05	26.75	432	6.60	17.0
3:10	26.69	431	6.60	18.7
3:15	26.68	432	6.62	12.5
3:20	26.34	429	6.59	15.2
3:25	26.26	427	6.59	15.3

Comments: Continued on the next page

Verified by: Johnson Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Krafcheck, Kyle Massey

Date: 7/15/02 Well No.: 210 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
2.85	9.0		Cloudy 80's		40		36	
Disolved Oxygen (mg/L)	Begin Reading:	1.17	Time:	2:00	End Reading:	1.16	Time:	3:30
Redox (mV)	Begin Reading:	49.9	Time:	2:00	End Reading:	30.1	Time:	3:30
Iron (mg/L)	Fe (II):	<0.50	Time:	5:35pm	Fe (Total):	<0.50	Time:	5:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:30	26.24	427	6.60	15.0

Comments: sampled @ 3:35. Duplicate sampled @ 3:40.

Verified by: [signature] Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Krafchek Kyle Massey

Date: 7/16/02 Well No.: 225 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
17.83	40.5		Sunny 85°		40		17	
Disolved Oxygen (mg/L)	Begin Reading:	7.95	Time:	8:40	End Reading:	7.88	Time:	9:35
Redox (mV)	Begin Reading:	265.6	Time:	8:40	End Reading:	336.2	Time:	9:35
Iron (mg/L)	Fe (II):	<0.50	Time:	9:40	Fe (Total):	<0.50	Time:	9:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
8:40 ~~21.80~~ km	21.80	58	4.45	84.7
8:45	21.60	57	4.37	26.6
8:50	21.50	57	4.69	12.1
8:55	21.45	57	4.71	8.5
9:00	21.56	57	4.76	8.6
9:05	21.57	57	4.79	5.7
9:10	21.59	57	4.77	5.2
9:15	21.67	57	4.80	5.7
9:20	21.63	57	4.79	6.6
9:25	21.76	57	4.81	4.7
9:30	21.59	57	4.81	4.7
9:35	21.68	57	4.80	4.6

Comments: *sampled @ 9:40 TOC collected

Verified by: [illegible] Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Krafcheck, Kyle Massey

Date: 7/16/02 Well No.: 125 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
17.92	25		sunny 90's		40		24	
Disolved Oxygen (mg/L)	Begin Reading:	6.42	Time:	10:15	End Reading:	6.39	Time:	11:15
Redox (mV)	Begin Reading:	291.1	Time:	10:15	End Reading:	385.5	Time:	11:15
Iron (mg/L)	Fe (II):	<0.50	Time:	11:20	Fe (Total):	<0.50	Time:	11:25

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:15	23.46	55	4.30	>440
10:20	23.07	55	4.22	>440
10:25	23.14	55	4.23	151
10:30	23.01	55	4.19	82.2
10:35	23.09	55	4.16	49.6
10:40	23.10	55	4.17	31.2
10:45	23.01	55	4.18	20.3
10:50	23.07	56	4.19	15.5
10:55	23.15	55	4.20	11.7
11:00	23.26	55	4.17	9.7
11:05	23.23	55	4.20	8.0
11:10	23.05	55	4.20	8.4
11:15	23.10	55	4.20	8.3

Comments: Sampled at 11:20 w/ Dups

Verified by: [illegible] Date: 7.25.02

Book 2

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratchwell Kyle Massey

Date: 7/16/02 Well No.: 112 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.89	~~112~~ 35 ck	Partly Cloudy 90's	40	16

Disolved Oxygen (mg/L)	Begin Reading:	5.41	Time:	1:25	End Reading:	5.37	Time:	2:05
Redox (mV)	Begin Reading:	243.6	Time:	1:25	End Reading:	284.3	Time:	2:05
Iron (mg/L)	Fe (II):	<0.50	Time:	2:20	Fe (Total):	<0.50	Time:	2:25

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:25	25.69	65	4.37	>440
1:30	23.24	62	4.09	96.9
1:35	24.23	63	4.22	43.4
1:40	24.09	62	4.26	18.8
1:45	24.88	61	4.28	11.3
1:50	24.84	62	4.27	7.4
1:55	23.26	63	4.28	5.0
2:00	23.26	62	4.29	4.8
2:05	23.22	62	4.29	4.9

Comments: Sampled at 2:10 pm.

Verified by: [signature] Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Krafcheck Kyle Massey

Date: 7/16/02 Well No.: 212 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.93	71	Partly Cloudy 90's	40	30

Disolved Oxygen (mg/L)	Begin Reading:	5.16	Time:	2:45	End Reading:	5.10	Time:	4:00
Redox (mV)	Begin Reading:	155.9	Time:	2:45	End Reading:	245.0	Time:	4:00
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)
2:45	33.27	100	~~5.~~ 5.96	3.1
2:50	22.91	56	5.41	31.7
2:55	23.09	51	5.33	29.1
3:00	23.03	51	5.34	27.8
3:05	23.46	49	5.28	27.0
3:10	23.31	50	5.29	23.7
3:15	23.24	49	5.31	22.7
3:20	24.56	51	5.32	18.0
3:25	25.42	52	5.35	17.7
3:30	25.42	53	5.25	14.0
3:35	25.48	53	5.25	11.4
3:40	25.23	53	5.15	9.0
3:45	25.38	54	5.15	7.7
3:50	25.10	54	5.15	5.1
3:55	25.32	54	5.15	5.2
4:00	25.19	54	5.15	4.9

Comments: Sampled at 4:05pm

Verified by: [illegible] Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratochvil Todd Kraft

Date: 7/17/02 Well No.: 122 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
20.79	27	Sunny 90's	40	20

Disolved Oxygen (mg/L)	Begin Reading:	4.66	Time:	9:00	End Reading:	5.10	Time:	9:45
Redox (mV)	Begin Reading:	266.1	Time:	9:00	End Reading:	295.7	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)
9:00	24.08	73	4.63	>440
9:05	22.13	59	4.08	117
9:10	22.41	57	4.52	25.2
9:15	22.36	57	4.59	22.3
9:20	22.33	56	4.55	17.5
9:25	22.57	56	4.62	14.7
9:30	22.25	56	4.77	8.0
9:35	22.55	56	4.62	7.8
9:40	22.87	56	4.62	7.4
9:45	22.78	56	4.66	7.6

Comments: Sampled @ 9:50

Verified by: [signature] Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Todd Kraft Chris Krafcheck

Date: 7/17/02 Well No.: 222 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
21.71	57.5		Sunny 90's		40		30	
Disolved Oxygen (mg/L)	Begin Reading:	6.20	Time:	10:20	End Reading:	8.23	Time:	10:55
Redox (mV)	Begin Reading:	210.5	Time:	10:20	End Reading:	241.9	Time:	10:55
Iron (mg/L)	Fe (II):	<0.50	Time:	11:00	Fe (Total):	<0.50	Time:	11:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:20	26.00	37	5.44	130
10:25	23.82	33	5.15	53.6
10:30	23.87	32	5.15	24.6
10:35	23.55	32	5.15	13.2
10:40	23.55	31	5.20	12.1
10:45	23.43	31	5.25	9.9
10:50	23.29	31	5.25	9.7
10:55	23.16	31	5.25	9.6

Comments: Sampled at 11:00am

Verified by: [signature] Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Todd Kraft Chris Kraftchick

Date: 7/17/02 Well No.: 117 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
37.89	44		Sunny 95		40		15	
Disolved Oxygen (mg/L)	Begin Reading:	12.16	Time:	1:15	End Reading:	10.79	Time:	1:50
Redox (mV)	Begin Reading:	187.2	Time:	1:15	End Reading:	227.8	Time:	1:50
Iron (mg/L)	Fe (II):	<0.50	Time:	3:50	Fe (Total):	<0.50	Time:	3:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:15	23.38	87	5.66	55.6
1:20	22.16	79	5.03	23.2
1:25	22.02	80	5.22	11.8
1:30	21.98	81	5.38	7.6
1:35	22.12	81	5.40	5.8
1:40	22.23	81	5.40	4.8
1:45	21.99	81	5.41	4.7
1:50	22.02	81	5.40	4.7

Comments: Sampled at 1:55pm

Verified by: Johnson Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kraft Todd Kraft

Date: 7/17/02 Well No.: 217 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
37.98	74.5	Sunny 90's	~~40~~ 50	20

Disolved Oxygen (mg/L)	Begin Reading:	4.45	Time:	2:15	End Reading:	9.42	Time:	2:45
Redox (mV)	Begin Reading:	240.3	Time:	2:15	End Reading:	270.4	Time:	2:45
Iron (mg/L)	Fe (II):	<0.50	Time:	3:50	Fe (Total):	<0.50	Time:	3:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:15	24.67	70	4.90	6.6
2:20	24.24	70	4.87	28.4
2:25	21.35	66	4.75	22.8
2:30	21.03	66	4.55	14.3
2:35	21.15	66	4.56	9.5
2:40	22.09	66	4.56	9.6
2:45	21.31	66	4.55	9.6

Comments: Sampled at 2:50

Verified by: [illegible] Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kraft Todd Kraft

Date: 7/17/02 Well No.: 311 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
38.43	93.5	Sunny 95	55	75

Disolved Oxygen (mg/L)	Begin Reading:	11.40	Time:	3:35	End Reading:	4.05	Time:	4:55
Redox (mV)	Begin Reading:	208.1	Time:	3:35	End Reading:	229.9	Time:	4:55
Iron (mg/L)	Fe (II):	<0.50	Time:	5:00	Fe (Total):	<0.50	Time:	5:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:35	21.43	54	5.30	165
3:40	21.85	54	4.98	151
3:45	21.18	52	5.15	95.2
3:50	21.43	52	5.11	59.8
3:55	21.36	52	5.11	32.9
4:00	21.12	52	5.16	29.7
4:05	21.04	52	5.16	33.5
4:10	21.47	52	5.16	20.3
4:15	21.42	52	5.16	18.9
4:20	21.35	54	5.25	22.6
4:25	21.33	53	5.35	14.6
4:30	21.28	53	5.35	11.8
4:35	21.16	54	5.35	7.1
4:40	21.00	54	5.35	14.9
4:45	23.95	59	5.35	18.6
4:50	23.98	59	5.35	19.0
4:55	23.81	59	5.35	18.7

Comments: Sampled at 5:00pm

Verified by: [illegible] Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kroll Todd Kraft

Date: 7/18/02 Well No.: MW-13 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
16.00	26	Sunny 90's	40	12

Disolved Oxygen (mg/L)	Begin Reading:	4.01	Time:	9:15	End Reading:	2.47	Time:	9:45
Redox (mV)	Begin Reading:	316.4	Time:	9:15	End Reading:	321.6	Time:	9:45
Iron (mg/L)	Fe (II):	<0.50	Time:	9:45	Fe (Total):	<0.50	Time:	9:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:15	23.98	40	4.13	378
9:20	23.65	43	4.07	52.7
9:25	23.42	43	4.09	34.4
9:30	23.62	43	4.06	20.3
9:35	23.61	43	4.07	9.0
9:40	23.46	43	4.08	9.0
9:45	23.49	43	4.08	8.7

Comments: Sampled at 9:45am

Verified by: [illegible] Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratchack Todd Kraft

Date: 7/18/02 Well No.: 234 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
16.19	39.5		Sunny 90's		40		15	
Disolved Oxygen (mg/L)	Begin Reading:	5.82	Time:	10:15	End Reading:	6.01	Time:	10:45
Redox (mV)	Begin Reading:	265.6	Time:	10:15	End Reading:	279.5	Time:	10:45
Iron (mg/L)	Fe (II):	<0.50	Time:	10:45	Fe (Total):	<0.50	Time:	10:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:15	23.65	69	4.72	19.1
10:20	23.14	68	4.61	13.2
10:25	23.07	69	4.61	9.0
10:30	23.18	69	4.61	2.4
10:35	23.05	69	4.62	0.0
10:40	22.91	69	4.62	0.0
10:45	22.94	69	4.62	0.0
~~10:~~ CK				

Comments: Sampled at 10:45 am

Verified by: [illegible] Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Krafchek Todd Kraft

Date: 7/18/02 Well No.: 115 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
18.61	25	Sunny 90's	40	10

Disolved Oxygen (mg/L)	Begin Reading:	2.25	Time:	11:25	End Reading:	2.78	Time:	11:50
Redox (mV)	Begin Reading:	227.5	Time:	11:25	End Reading:	254.1	Time:	11:50
Iron (mg/L)	Fe (II):	<0.50	Time:	12:50	Fe (Total):	<0.50	Time:	12:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:25	26.87	81	4.53	351
11:30	26.45	82	4.39	13.2
11:35	24.38	78	4.39	5.8
11:40	24.42	78	4.40	3.2
11:45	24.27	78	4.40	3.0
11:50	24.61	78	4.40	3.1

Comments: Sampled 11:50am

Mini-troll out 11:10 In at 12:15pm

Verified by: [illegible] Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kraftchack Todd Hulsey

Date: 7/18/02 Well No.: 215 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
18.62	39.5	Sunny 90's	40	24

Disolved Oxygen (mg/L)	Begin Reading:	5.58	Time:	12:20	End Reading:	6.14	Time:	1:00
Redox (mV)	Begin Reading:	237.3	Time:	12:20	End Reading:	266.9	Time:	1:00
Iron (mg/L)	Fe (II):	<0.50	Time:	1:00	Fe (Total):	<0.50	Time:	1:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:20	24.85	58	4.68	134
12:25	23.87	55	4.54	81.2
12:30	24.39	56	4.60	43.4
12:35	23.58	55	4.60	41.4
12:40	23.97	55	4.60	41.9
12:45	23.64	55	4.60	41.4
12:50	23.70	55	4.60	29.0
12:55	24.03	55	4.60	29.3
1:00	24.40	55	4.61	29.0

Comments: Sampled @ 1:05

Verified by: [illegible] Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Rinfelsed Todd Rinfelsed

Date: 7/18/02 Well No.: 218 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
12.35	39.5	Sunny 90's	40	16

Disolved Oxygen (mg/L)	Begin Reading:	2.14	Time:	2:25	End Reading:	3.28	Time:	3:00
Redox (mV)	Begin Reading:	191.3	Time:	2:25	End Reading:	207.8	Time:	3:00
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)
2:25	24.65	70	5.44	9.4
2:30	24.06	74	5.57	4.8
2:35	23.88	72	5.54	2.9
2:40	23.83	70	5.50	2.4
2:45	23.79	70	5.50	2.3
2:50	23.61	68	CK ~~5.45~~ 5.43	2.2
2:55	23.81	68	5.42	2.1
3:00	23.83	68	5.42	2.2

Comments: Sampled at 3:05 pm

Verified by: [signature] Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratchek

Date: 7/18/02 Well No.: 118 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
12.35	19	sunny 90's	40	19

Disolved Oxygen (mg/L)	Begin Reading:	7.68	Time:	3:30	End Reading:	7.41	Time:	4:15
Redox (mV)	Begin Reading:	267.5	Time:	3:30	End Reading:	309.0	Time:	4:15
Iron (mg/L)	Fe (II):	<0.50	Time:	4:45	Fe (Total):	<0.50	Time:	4:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:30	24.55	58	4.26	>440
3:35	24.70	58	4.30	91.1
3:40	24.56	57	4.30	52
3:45	24.57	57	4.30	32.3
3:50	24.35	57	4.30	25.8
3:55	24.40	57	4.30	22.0
4:00	24.39	57	4.30	11.6
4:05	24.64	56	4.30	9.0
4:10	24.46	56	4.30	8.8
4:15	24.61	56	4.30	8.9

Comments: Sampled at 4:20pm

Verified by: [illegible] Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Chris Kratzbeck Kyle Massey

Date: 7/19/02 Well No.: 130 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
21.85	28	Sunny 80's	40	22

Disolved Oxygen (mg/L)	Begin Reading:	8.11	Time:	9:15	End Reading:	3.62	Time:	10:10
Redox (mV)	Begin Reading:	267.4	Time:	9:15	End Reading:	301.3	Time:	10:10
Iron (mg/L)	Fe (II):	<0.50	Time:	10:15	Fe (Total):	<0.50	Time:	10:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:15	22.33	56	4.86	>440
9:20	21.36	63	4.77	181
9:25	21.32	66	4.80	99.3
9:30	21.61	68	4.85	58.9
9:35	21.35	70	4.78	35.0
9:40	21.39	70	4.80	24.6
9:45	21.42	69	4.80	11.6
9:50	21.44	72	4.70	9.8
9:55	22.08	74	4.73	7.6
10:00	21.68	74	4.73	5.1
10:05	21.71	74	4.72	4.6
10:10	21.73	74	4.72	4.8

Comments: Sampled at 10:15am

Verified by: [signature] Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Kyle Massey Chris Kirkland

Date: 7/19/02 Well No.: 230 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
21.75	51.5	Sunny 90's	40	21

Disolved Oxygen (mg/L)	Begin Reading:	4.94	Time:	10:35	End Reading:	6.57	Time:	11:10
Redox (mV)	Begin Reading:	195.8	Time:	10:35	End Reading:	268.2	Time:	11:10
Iron (mg/L)	Fe (II):	<0.50	Time:	11:20	Fe (Total):	<0.50	Time:	11:25

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:35	23.32	96	5.77	35.3
10:40	22.54	74	5.37	20.4
10:45	21.13	68	5.31	8.2
10:50	21.23	67	5.30	5.2
10:55	21.12	67	5.30	4.9
11:00	21.23	67	5.30	CK ~~4.7~~ 1.9
11:05	21.14	67	5.20	1.8
11:10	21.26	62	5.20	1.9

Comments: Sampled at 11:15

Verified by: [illegible] Date: 7.25.02

TTL, Inc.
July 2002
Quarterly Monitoring Well Sampling

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

Personnel: Kyle Massey Chris Krafchuk

Date: 7/19/02 Well No.: 221 Sampling Method: Bladder Pump

Depth to Water:	Total Depth of Well:	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
16.83	26.5	Sunny 100	40	40

Disolved Oxygen (mg/L)	Begin Reading:	8.32	Time:	1:10	End Reading:	6.10	Time:	2:25
Redox (mV)	Begin Reading:	244.5	Time:	1:10	End Reading:	307	Time:	2:25
Iron (mg/L)	Fe (II):	<0.50	Time:	2:30	Fe (Total):	<0.50	Time:	2:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:10	23.90	66	4.51	7440
1:15	23.46	67	4.25	196
1:20	23.29	67	4.27	140
1:25	23.31	70	4.25	101
1:30	23.26	70	4.27	71.6
1:35	23.25	70	4.40	51.5
1:40	23.34	70	4.22	38.6
1:45	23.34	70	4.22	33.1
1:50	23.30	70	4.21	27.5
1:55	23.32	70	4.20	26.8
2:00	23.79	69	4.23	22.7
2:05	24.84	70	4.16	9.7
2:10	24.79	70	4.16	2.6
2:15	24.78	71	4.16	4.8
2:20	25.10	71	4.16	4.9
2:25	24.76	71	4.16	4.8

Comments: Sampled at 2:30

Verified by: [illegible] Date: 7.25.02